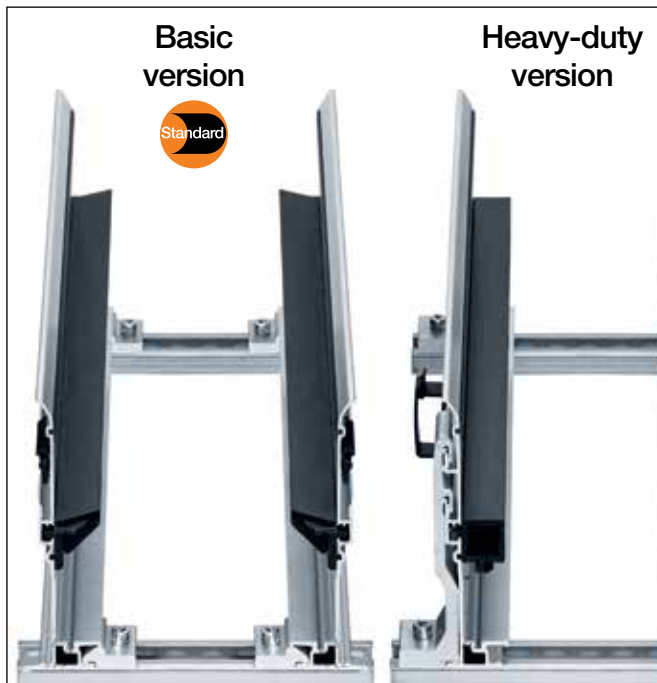






Guide trough systems

Aluminum SuperTrough |
Steel guide trough |
Steel support tray |
Aluminum support tray |
guidefast | guidelite |



For general applications - aluminum SuperTrough, basic version, standard

- Huge range available for almost all igus® e-chains®
 - Very lightweight, modular assembly
 - Corrosion-resistant, seawater-resistant aluminum profile
 - Assembly- and abrasion-optimized glide bars for higher speeds with tribologically optimized material (new standard for trough series 973/974/975)
 - Glide strips protect from lateral wear
 - Bottom clamp attached either inwards or outwards - directly on the surface or on the C-profile
 - Heavy-duty bracket option for high load applications: you can configure the heavy-duty version at our online-catalog
► www.igus.com/guide
 - Conductivity according to DIN EN 61537 - standard
- Aluminum SuperTroughs ► From page 1336**



For heavy-duty applications - steel guide trough

- Very strong and tough steel guide trough for applications in tough environments
 - Easy assembly due to installation set for joint and attachment surface connection
 - Easy mounting directly to the base of the C-profile
 - Large range, 2-piece design, adjustable to e-chain® width
 - Available in galvanized steel and stainless steel
 - Low friction: Glide bar made of PE
 - Fixed end module option available, for fast and easy mounting - without any drilling
 - Conductivity according to DIN EN 61537 - standard
- Steel guide troughs ► From page 1364**



For easy support of the lower run - steel support tray

- Simple one-piece steel support trays as a modular construction kit
- Complete system, ready to install
- Easy installation onto your machine, on profiles or wall brackets

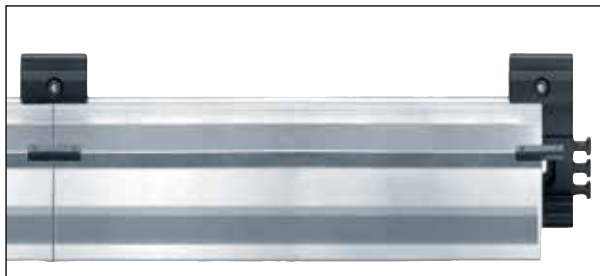
Steel support trays ► From page 1394



The flexible construction kit to support the lower run - aluminum support tray

- Corrosion-resistant and seawater-resistant aluminum rails with adjustable width and open principle
- Wear-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®

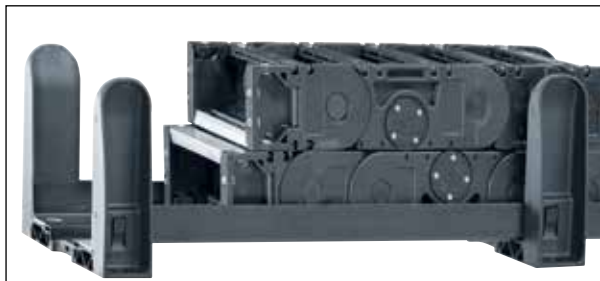
Aluminum support trays ► From page 1400



Energy supply for crane girders and indoor cranes - guidefast

- Save up to 80% installation time
- Fits virtually any standard crane girder
- Permanently installed cable can be fixed to the trough brackets
- Wear-reducing: with polymer glide bars (optional)

guidefast ► From page 1406



Travel lengths up to 150m, quick and cost-effective - igus® guidelite

- Quick assembly saves time
- Very lightweight polymer components
- Corrosion-resistant
- Construction kit solution, from stock

guidelite ► From page 1412



Various igus® guide trough systems are available



Hundreds of igus® guide troughs available from stock

igus® guide troughs

Guide trough is used in long travels where the e-chain® glides (according to chain type from 16.41ft-3,648ft (5m-12m)). They support the smooth low friction operation of the igus® energy chains and energy tubes. If the fixed end is installed at the center of the travel ("center-fixed"), the energy chains glide on themselves for half the travel. For the other half, we recommend glide bars installed in the trough, on which the energy chains glide. Guide troughs have glide bars made of highly abrasion-resistant plastic igulen.

Trough type

igus® offers guide troughs made of corrosion-resistant aluminum, steel or stainless steel. The trough type to be used depends on the application conditions and the requirements of the customer. We recommend the igus® aluminum trough as standard.

Glide bars

Glide bars made from igulen are optimized for use with the e-chain® material and offer the lowest gliding friction, noise and wear. With the new high-speed glide bars for the aluminum SuperTrough series 973/974/975, we can achieve a 5x higher abrasion resistance thanks to tribologically optimized material. Developed for particularly fast, gliding applications. Glide bars must be used, if the fixed end is in the center of the travel. - It means: half of the guide trough has glide bars and the other half is without.

Delivery details

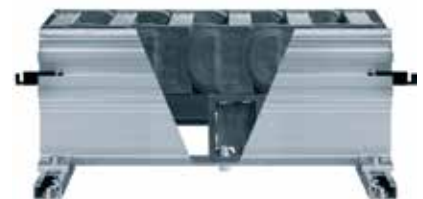
The troughs are delivered in 6.56ft (2m) sections. Special lengths up to 19.69ft (6m) are possible. The left and right side parts are then installed on site with the appropriate separation distance - depending on the width of the igus® e-chain®. The necessary width is shown by the dimension B_{Ri} on the guide trough pages. The trough side parts can be linked with the base by screwing, welding or a special igus® installation set. The fixed end module for the igus® aluminum SuperTrough is a quick fix for mounting the stationary end of an e-chain® with a KMA-mounting bracket. With this module, easy attachment of the e-chain® with plastic-metal mounting bracket (KMA) to the super aluminum trough is possible, without drilling.



Trough without glide bars - e-chain® glides on e-chain®



Trough with glide bars - e-chain® glides on glide bars



Fixed end centered = 1/2 travel with glide bars - 1/2 travel without glide bars

For long travels, the upper run of the igus® e-chains® rests on the lower run. The upper run of the chain glides partly on the lower run and partly on a glide bar. The diagram below shows this. For lateral guidance, an igus® guide trough is necessary. If the fixed end of the system can be placed in the center, the e-chain® length is calculated as follows: $L_K = \frac{S}{2} + K_2$. Placing the fixed end in the center of the travel offers the shortest e-chain® length. The length of the e-chain® then corresponds to slightly more than half of the travel length. Depending on the technical data for the selected e-chain®, the mounting height of the moving end of the e-chain® must be lowered on some applications. In these cases please contact igus® and we'd be glad to advise.

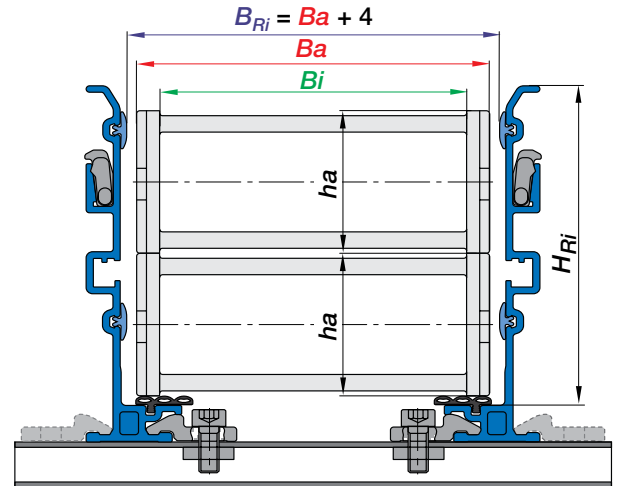
Selection criteria

Following parameters are required for design of a trough system:

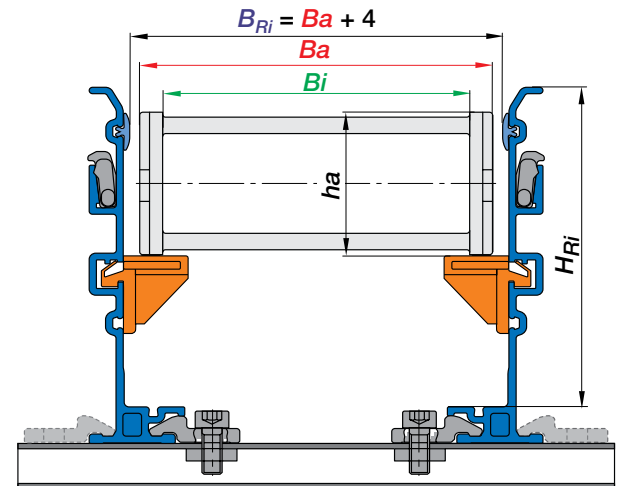
- e-chain® type (Series, width Bi , radius R)
- Travel and travel speed
- Fill weight
- Acceleration
- Lateral acceleration
- Environmental conditions

Design and installation of the guide trough

The height of the trough must be at least twice that of the e-chain® height: $H_{Ri} \geq 2 \times ha$. The sides must provide a chamfered opening. The trough inner width is the same as the e-chain® outer width, plus 4mm for an aluminum SuperTrough ($B_{Ri} = Ba + 4$) and plus 5mm for a steel guide trough ($B_{Ri} = Ba + 5$). Along the side of the trough, where the upper run cannot glide on the lower run, glide bars must be installed. Guide troughs with and without glide bars can be obtained from stock for almost all igus® e-chains®. **When assembling the trough parts, the following points must be given particular attention:** ● Properly align all trough parts upon installation ● All screw heads should be flush with the trough ● Smooth level transition between the end of the e-chain® and the glide bars ● Solid connection with the glide surface. **These points must be observed when using assembly-friendly igus® guide troughs.**

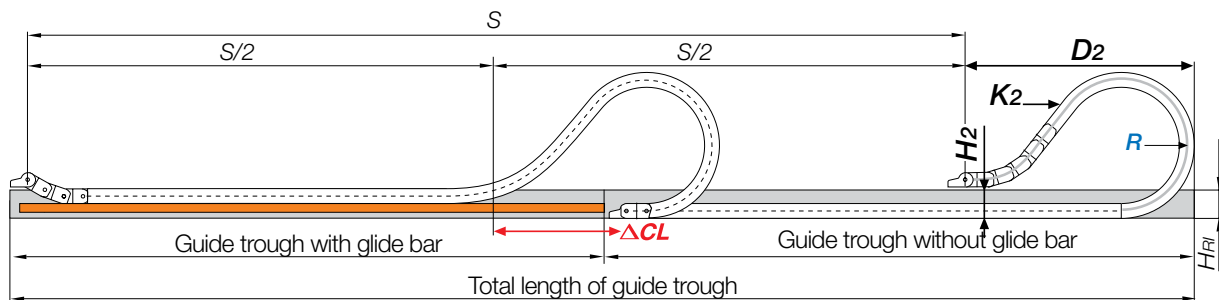


Aluminum SuperTrough without glide bars - upper run glides on the lower run



Aluminum SuperTrough with glide bars. The upper run glides on the glide bars from the middle of the travel (image with the high-speed glide bar)

- | | |
|------------------------------------|---------------------------|
| e-chain® length | $L_K = \frac{S}{2} + K_2$ |
| Trough inner height | $H_{Ri} \geq 2 \times ha$ |
| Inner width, Aluminum SuperTroughs | $B_{Ri} = Ba + 4$ |
| Inner width, Steel guide trough | $B_{Ri} = Ba + 5$ |



- | | | | | |
|--------------------|--------------------------------|---------------------------------------|--------------------------------|---|
| ● Trough set | Ba = Outer e-chain® width | S = Travel | H_{Ri} = Trough inner height | H_2 = Installation height (with lowered moving end) |
| ● Installation set | Bi = Inner e-chain® width | $\frac{S}{2}$ = Half length of travel | H_{Ra} = Trough outer height | D_2 = Over length for long travels gliding |
| ● glide bar | R = Bend radius | B_{Ri} = Trough inner width | ha = e-chain® outer height | K_2 = Add-on (with lowered moving end) |
| ● C-profile | ΔCL = Offset fixed end | B_{Ra} = Trough outer width | L_K = e-chain® length | H_F = Required clearance height |

Guide trough | C-profile | Tightening torques, recommendations

C-profile Part No. 92.52.XXX

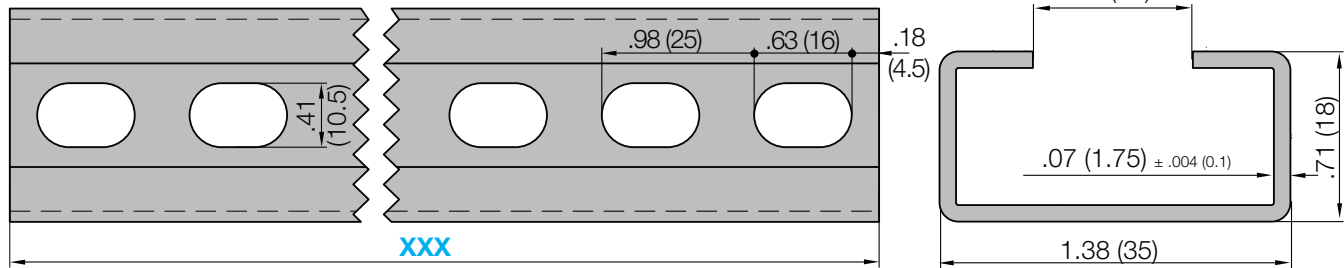
- For smaller aluminum SuperTrough
- Easy attachment of the installation sets to the machine
- Standard material galvanized steel
- Also available as stainless steel* version
- Length tolerances for C-profiles of +/- .20" (5mm) possible!

Please add the C-profile length **XXX** as shown on the C-profile tables. Example: **92.52.125**

*For stainless steel material AISI 304, please add index **E** to the Part No. Example **92.52.125.E**



C-profile | Easy attachment of the installation set to the machine

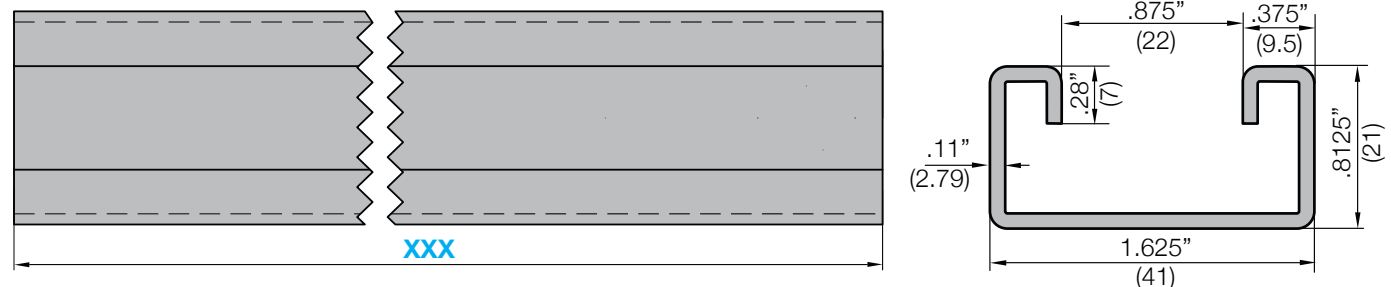


C-profile Part No. 92.52.US.XXX

- For larger aluminum SuperTrough and steel guide troughs
- Easy attachment of the installation sets to the machine
- Standard material galvanized steel
- Also available as stainless steel* version
- Length tolerances for C-profiles of +/- .20" (5mm) possible!

Please add the C-profile length **XXX** as shown on the C-profile tables. Example: **92.52.US.125**

*For stainless steel material AISI 304, please add index **E** to the Part No. Example **92.52.US.125.E**



Tightening torques | Recommendations for metric threads

Recommendations for screw connections on igus® trough systems

Thread size	Screw material	Tightening torque
M6	8.8 / A2 / A4-70	10Nm
M8	8.8 / A2 / A4-70	23Nm
M10	8.8 / A2 / A4-70	35Nm
M12	8.8 / A2 / A4-70	75Nm

Recommendations for screw connections for plastic glide bars on igus® steel guide troughs

Thread size	Screw material	Tightening torque
M10	8.8 / A2 / A4-70	7Nm



Assembly video available at
► www.igus.com/guide



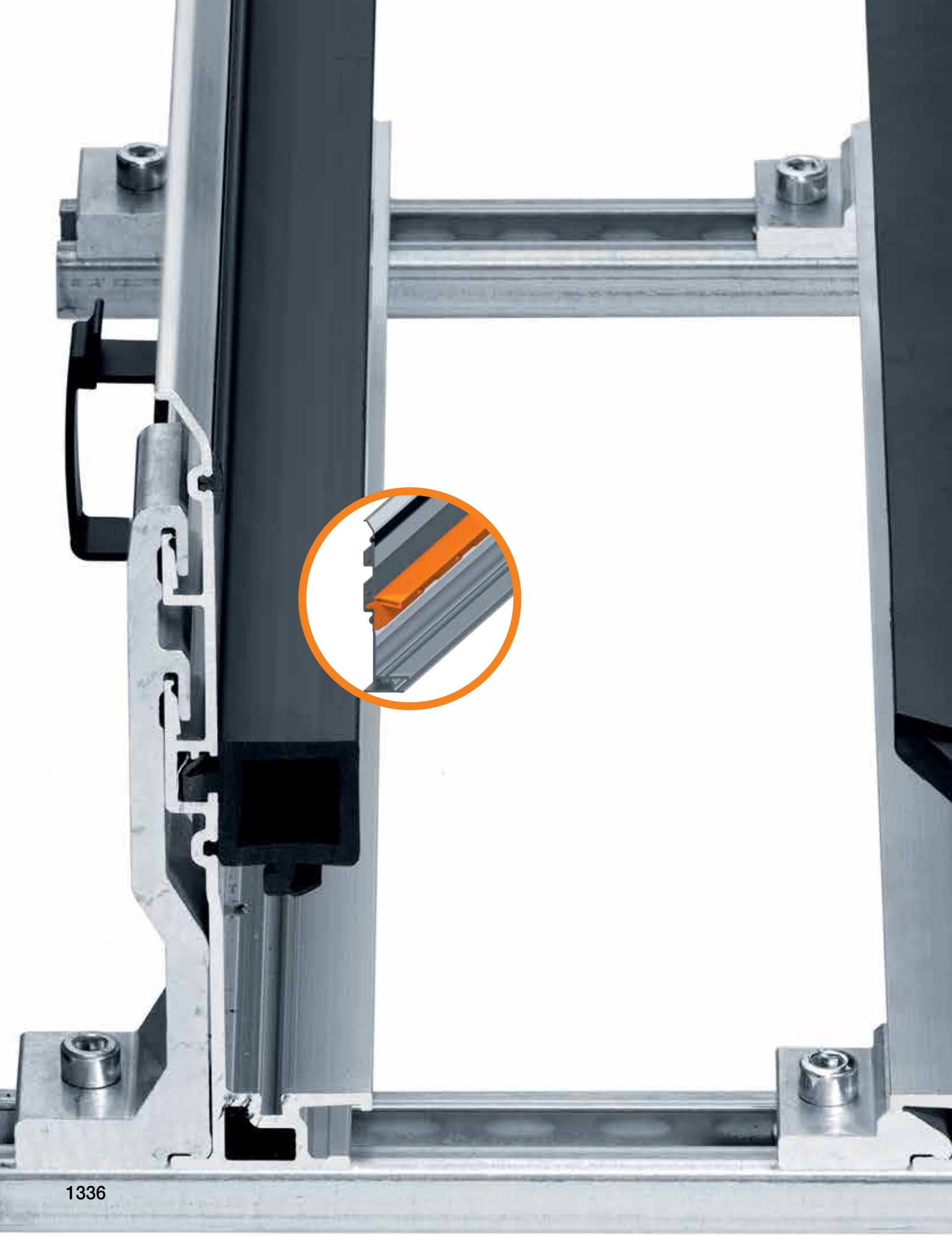
Installation instructions aluminum SuperTrough
► www.igus.com/guide



Note: All screws must be tightened with a torque wrench!



igus® has experience with all kinds of installations and travels. Travel lengths up to 2,018ft (615m) or "green systems", they help save energy cost and are made with igus® e-chains®, chainflex® cables and guide troughs. Together with the igus® accessories, they have long lifetimes even in tough weather conditions, under environmental pollution or in areas of dust and dirt





Aluminum Super- Troughs

For general use



Advantages Aluminum SuperTroughs

- Huge range available for almost all igus® e-chains®
- Very lightweight, modular assembly
- Corrosion-resistant, seawater-resistant aluminum profile
- Flexible assembly
- Conductivity according to DIN EN 61537 - standard
- Energy supply is even more flexible with the 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.com/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 1364**

Image of an aluminum 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

Aluminum SuperTrough | Introduction | Advantages



Huge range:
aluminum profile - standard: 6.56ft (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 durable:
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-catalog ► www.igus.com/guide**

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

For general applications - aluminum SuperTrough, basic version, standard

- Simple and cost-effective basic design as well as version for complex engineering applications
- Very lightweight, modular assembly
- Corrosion-resistant, seawater-resistant aluminum 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} in. (mm)	Part No. Installation set ²⁾	Side part material	Page
 Basic version, standard - for general use Left image with high-speed glide bar					
970.30.SL	970.31.SL	3.03 (77)	960.30	Aluminum	1346
970.30.SL	970.32.SL	3.03 (77)	960.30	Aluminum	1348
971.30.SL	971.31.SL	3.43 (87)	960.30	Aluminum	1350
972.02.30.SL	972.02.31.SL	4.61 (117)	960.30	Aluminum	1352
972.30.SL	972.31.SL	4.61 (117)	960.30	Aluminum	1354
972.30.SL	972.32.SL	4.61 (117)	960.30	Aluminum	1356
973.30.SL	973.31.SLH ¹⁾	5.67 (144)	960.40	Aluminum	1358
974.30.SL	974.31.SLH ¹⁾	7.24 (184)	960.50	Aluminum	1360
975.30.SL	975.31.SLH ¹⁾	9.29 (236)	960.50	Aluminum	1362



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.com/guide

Left image with high-speed glide bar

971.30.SL	971.31.SL	3.43 (87)	971.50	Aluminum	► www.igus.com/guide
972.02.30.SL	972.02.31.SL	4.61 (117)	972.50	Aluminum	► www.igus.com/guide
972.30.SL	972.31.SL	4.61 (117)	972.50	Aluminum	► www.igus.com/guide
972.30.SL	972.32.SL	4.61 (117)	972.50	Aluminum	► www.igus.com/guide
973.30.SL	973.31.SLH ¹⁾	5.67 (144)	973.50	Aluminum	► www.igus.com/guide
974.30.SL	974.31.SLH ¹⁾	7.24 (184)	974.50	Aluminum	► www.igus.com/guide
975.30.SL	975.31.SLH ¹⁾	9.29 (236)	975.50	Aluminum	► www.igus.com/guide

1) With abrasion-optimized high-speed glide bar

2) The basic Installation sets are the standard for the aluminum SuperTroughs. They can be fastened inside or outside and are recommended for most application areas. The basic clamping shoes are made of aluminum. 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 aluminum bracket, fastened outside on the guide trough.



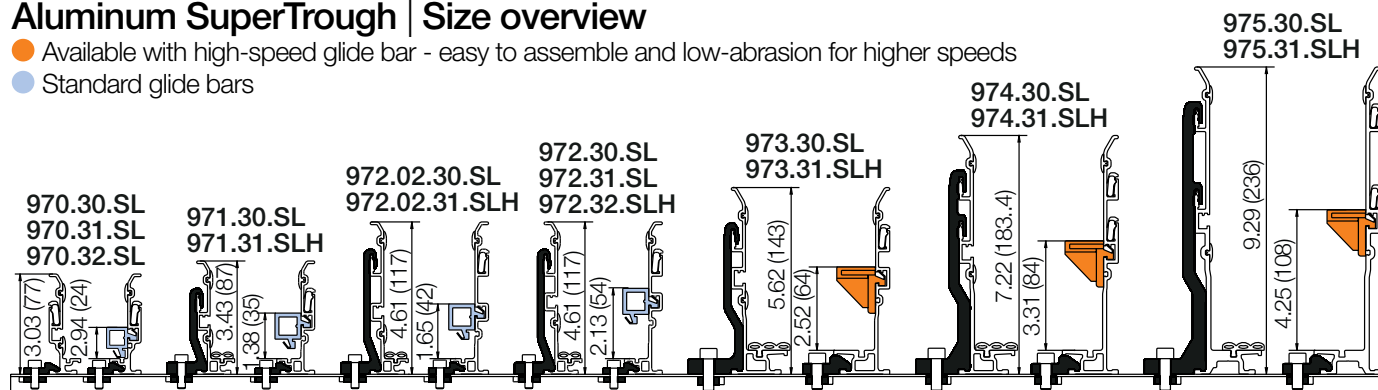
Available from stock. Ready to ship in 24 - 48hrs.*

*Average time before the ordered goods are dispatched.

Aluminum SuperTrough | Size overview

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

● Standard glide bars



Aluminum SuperTrough | Basic version | Individual parts

Components, guide troughs and components, mounting kits

Components

- ❶ Trough side parts, aluminum, 2m
- ❷ Standard glide bars, 6.56ft (2m)
High-speed glide bar, 1.64 (0.5m)
- ❸ Glide strips, plastic, 6.56ft (2m)
(without glide strips upon request)
- ❹ Optional: noise dampening strip

Components, installation set

- Ⓐ Bottom clamp, aluminum
- Ⓑ C-profile, steel or stainless steel
- Ⓒ Attachment bolt
- Ⓓ Sliding nut
- Ⓔ Interface connector

Ba = Outer e-chain® width

Bi = Inner e-chain® width

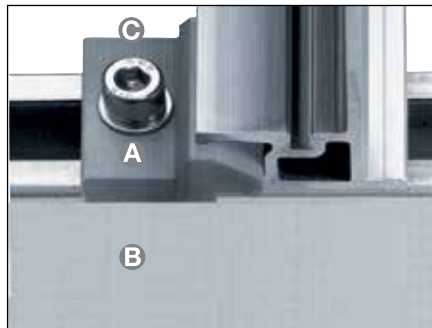
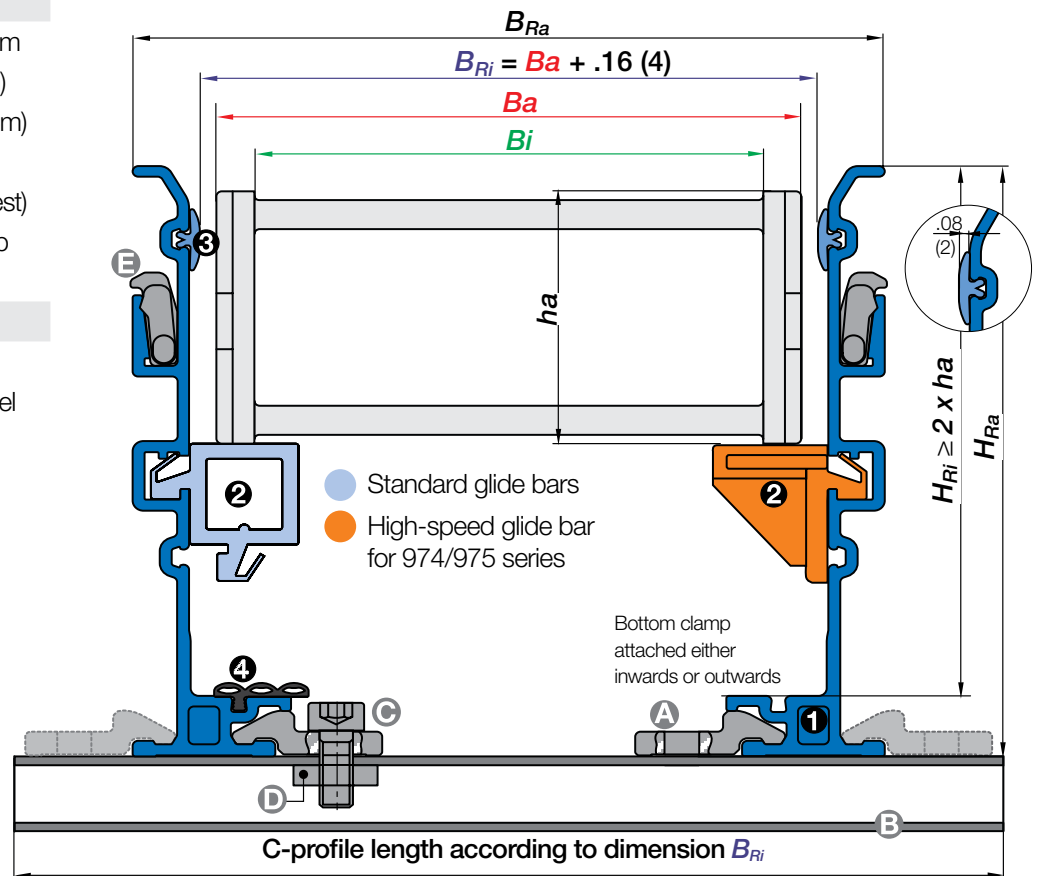
ha = e-chain® outer height

H_{Ri} = Trough inner height

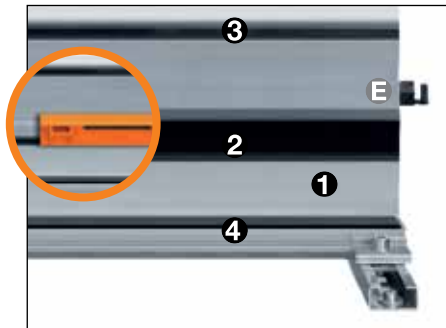
H_{Ra} = Trough outer height

B_{Ri} = Trough inner width

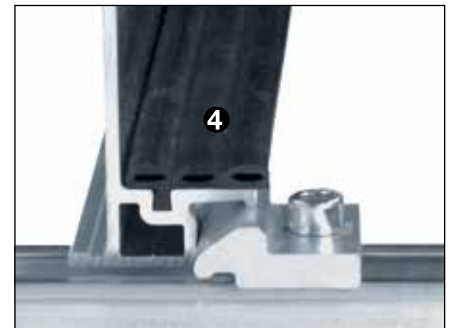
B_{Ra} = Trough outer width



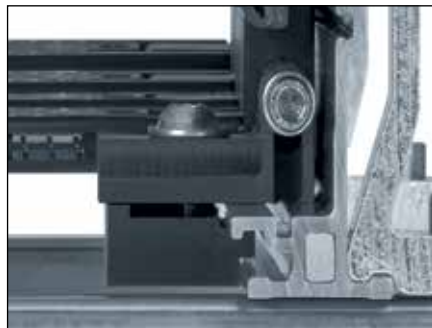
Simple fastening with basic bottom clamp and C-profile



Wear-reducing due to glide bars and glide strips



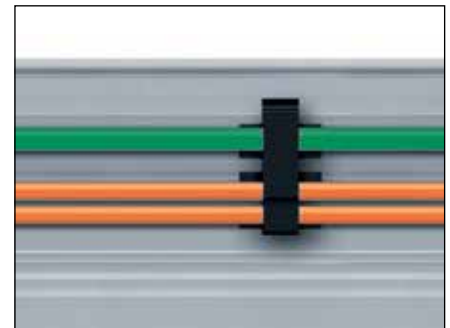
Optional noise dampening strip for additional noise reduction



Simple connection to the e-chain® with the fixed end module ► page 1343



High-speed glide bars available for 973/974/975 series ► Page 1344



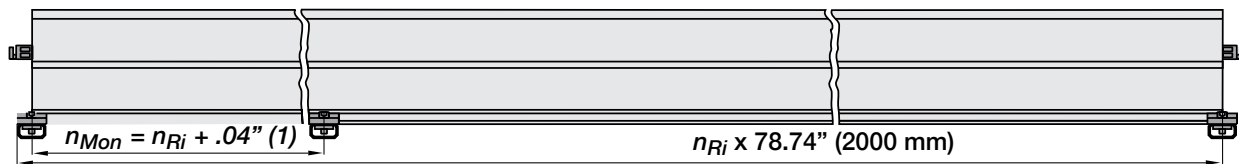
Trough clip for fixed cable installation on the outside of the trough ► Page 1345

Configured according to your requirements

Quickly and easily assemble the right aluminum 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: 78.7" (2,000mm). For center 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 (for plant construction)

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.com/installation-guide-pdf

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



Order example: length of travel 98ft (30m) -
center fixed for series 3500.100.200.0 with $B_{Ri} = 124$

1 set of 2 trough side parts, incl. glide strips, **without** glide bars

Order text: 16m guide trough **without** glide bars (8 sets of 2 off 6.56ft (2m) sections)

973.30.SL

1 set of 2 trough side parts, incl. glide strips, **with** glide bars

Order text: 16m guide trough **with** glide bars (8 sets of 2 off 6.56ft (2m) sections)

973.31.SLH

Installation set basic complete (quantity: guide trough sets + 1)

Order text: 17 installation sets, basic

960.40.175

Option: For additional noise dampening strip

Please add index **A**

973.30.SLA

Option: Fixed end module for a quick and easy mounting

Order text: 1 set

973.80.5

Option: Trough clip for fixed cable installation on the outside of the trough

Order text: 30 pieces

SLC.40.17



Calculation - travel center fixed: half travel length, rounded to full 6.56ft (2m) sections = X ft (m).

Guide trough length **without** glide bars + X ft (m) guide trough length **with** glide bars

+ installation set, basic (number of trough sets + 1)

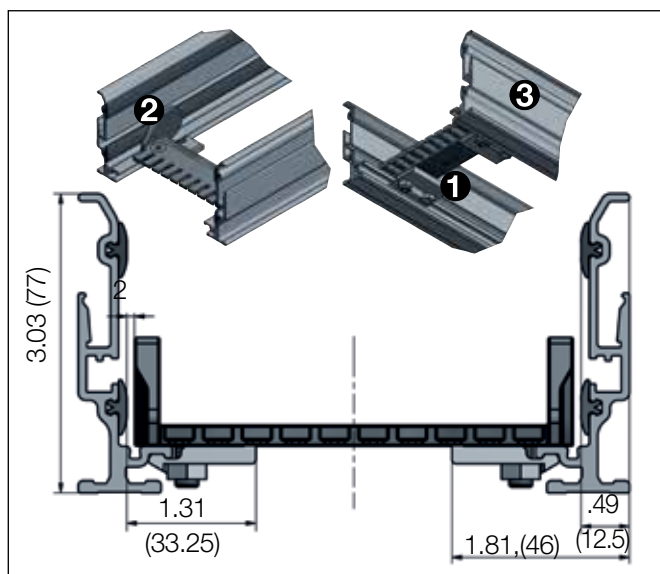
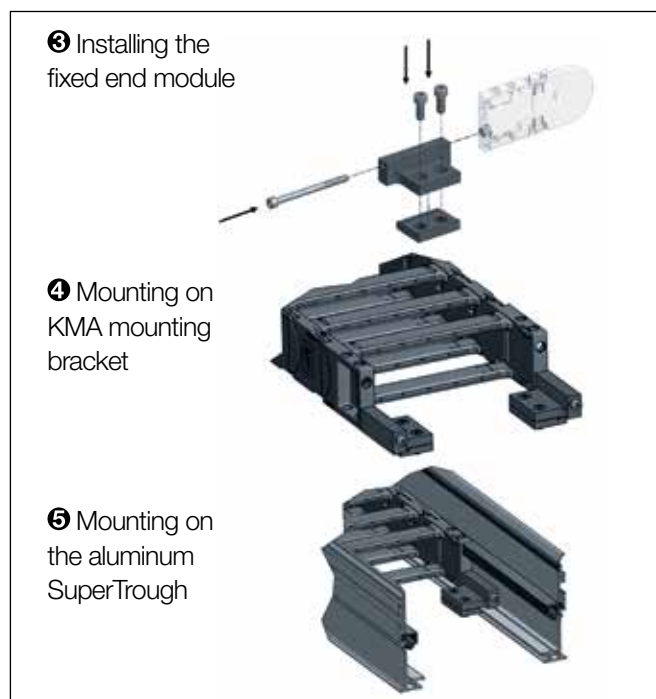
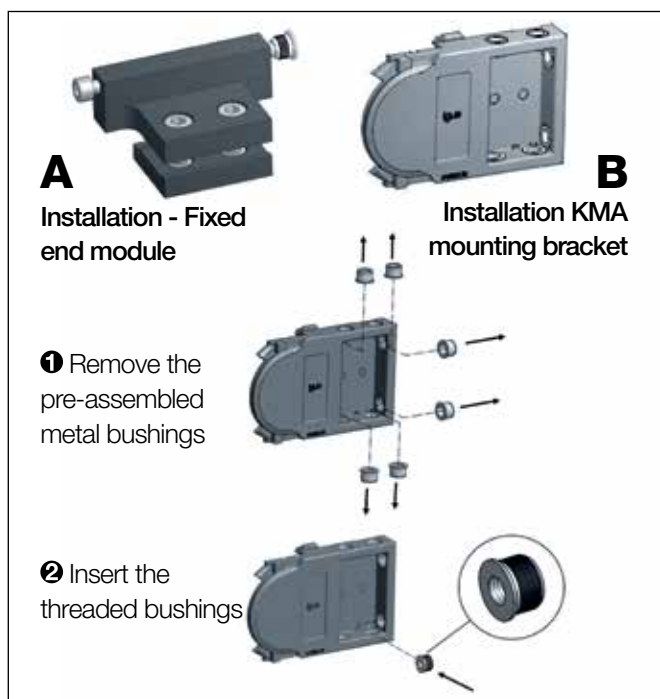
Aluminum SuperTrough | Basic version | Fixed end module

Quick and simple fastening onto the aluminum SuperTrough



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

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



Fixed end clamp to attach the e-chain® into the smallest aluminum 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 aluminum SuperTrough without drilling.

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

Fixed end clamp principle:

- ❶ Fixed end clamp 970.80
- ❷ Mounting bracket
- ❸ Aluminum SuperTrough 970.30.SL

Series Part No.	For aluminum SuperTroughs	For e-chain® series	From inner width index <i>Bi</i> [mm]	Mounting bracket
970.80 ¹⁾	970.30.SL 970.31.SL	10, B15, 15/R15 ³⁾	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, 255, E6.29	07	KMA
971.80.4 ¹⁾	972.02.30.SL 972.02.31.SL	E4.31L/R4.31	06	KMA
972.80.4 ¹⁾	972.02.30.SL 972.02.31.SL	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

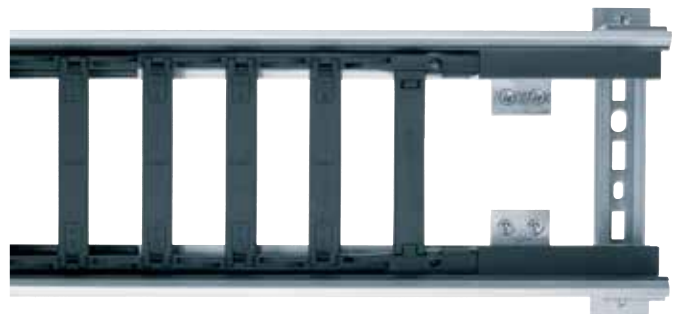
1) Material: polymer 2) Material: Aluminum AlMg3, seawater resistant 3) Fixed end clamp

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



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

*Average time before the ordered goods are dispatched.



Fixed-end module - Simple fastening of the e-chain® without drilling



The igus® aluminum SuperTrough has been tested since 2005.

Test "Axis 1": Speed 4.92 ft/s (1.5 m/s), Travel: 59 ft (18m), Mileage to date: approximately 31,069 miles (50,000 km)

Aluminum SuperTrough | Accessories | High-speed glide bar

Easy to assemble and low-abrasion for higher speeds



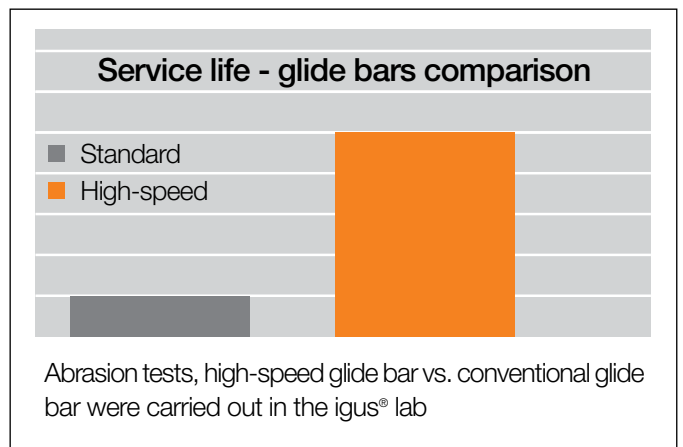
High-speed glide bar - the new standard for aluminum SuperTrough

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

- For particularly fast, gliding applications
- Short individual parts 19.69" (500mm), easier handling
- More durable at the same price compared to conventional glide rails
- Significantly lower maintenance requirements compared to standard glide bars
- 50% weight reduction by switching from extrusion to injection molding
- Reduce construction effort with freely accessible configurator for CAD troughs

High-speed glide bar | Product range | Proof

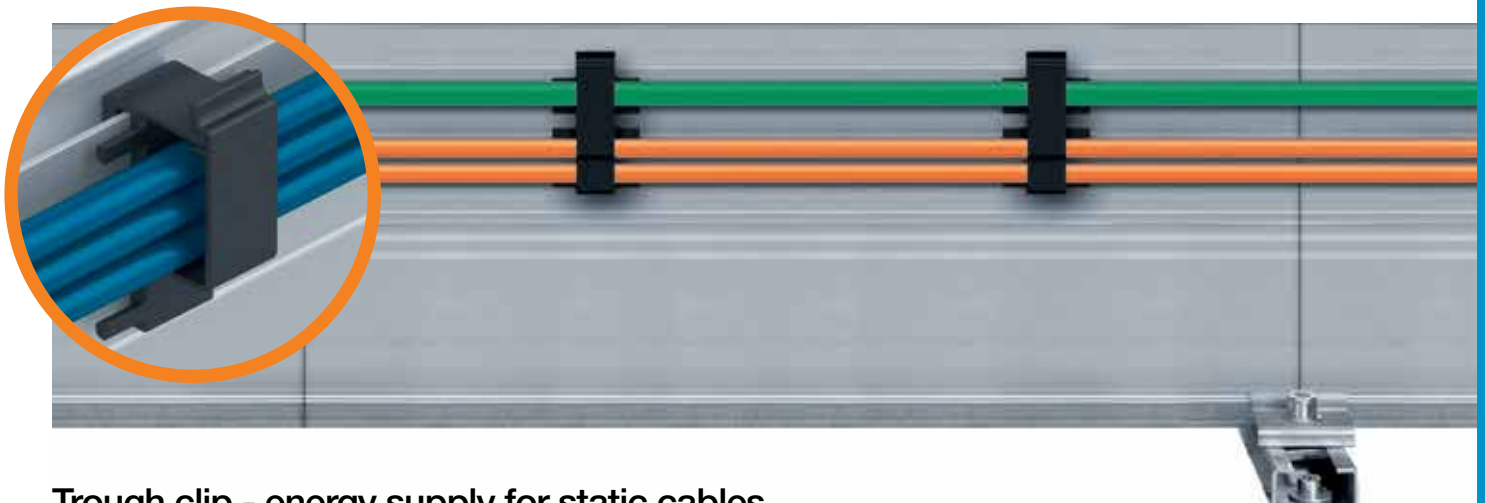
Aluminum SuperTrough Part No.	High-speed glide bar Part No.
973.31.SLH	GB.31.500
974.31.SLH	GB.31.500
975.31.SLH	GB.31.500



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 aluminum SuperTrough

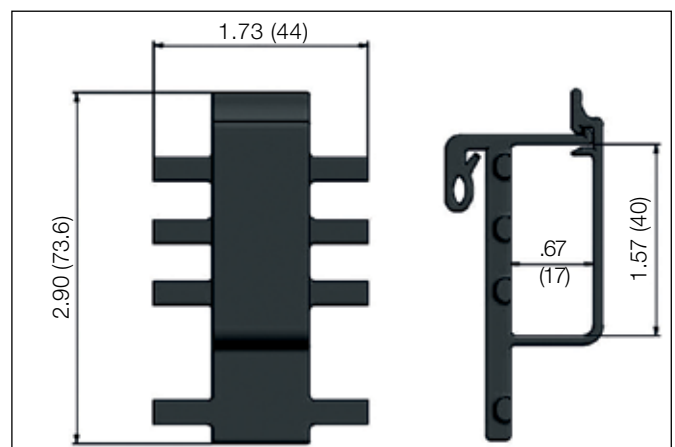


Trough clip - energy supply for static cables

- The trough clip is a cable guide for the static cable run on the outside of an aluminum SuperTrough.
- For center 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

Aluminum 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



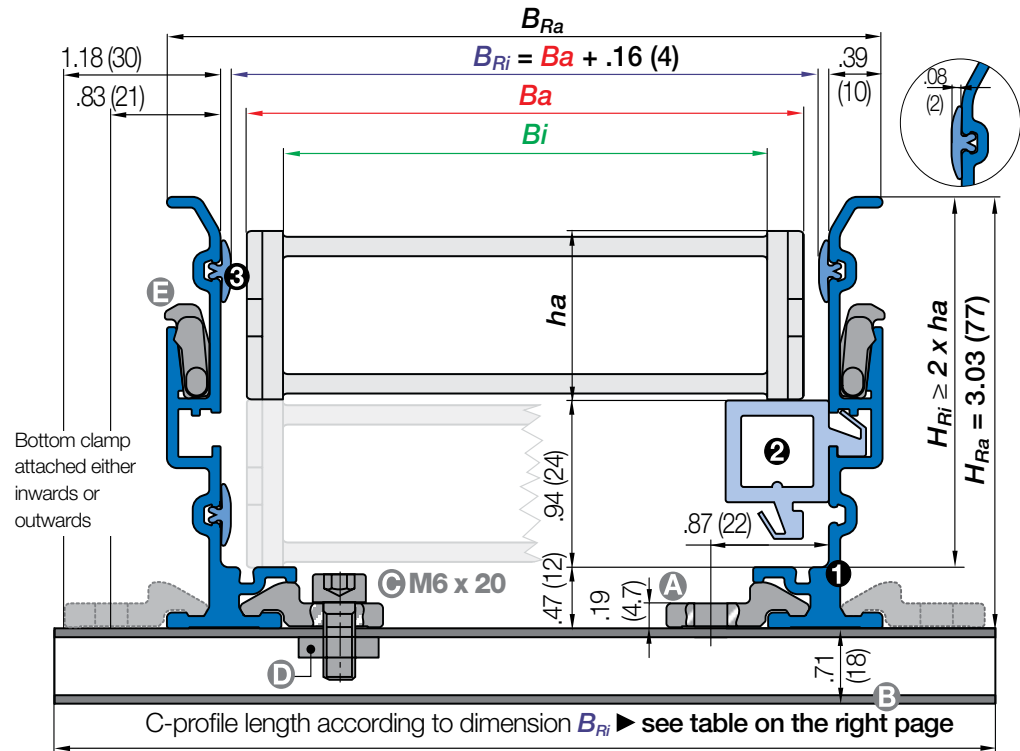
Available from stock. **Ready to ship in 24 - 48hrs.***

*Average time before the ordered goods are dispatched.

Trough height: 3.03" (77mm) | Product range

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 sets	Full trough side part sets ① ② ③ 6.56ft (2m) pieces each	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	970.30.SL	≈ 9.26 lbs
	1 set of 2 trough side parts, incl. glide strips, with glide bars	970.31.SL ²⁾	≈ 10.8 lbs
	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
Full sets	1 installation set without C-profile	960.30	≈ .13 lbs
	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, 6.56ft (2m) section	70.11	≈ 4.5 lbs
	② 1 glide bar, 6.56ft (2m) section	81.79 ⁴⁾	≈ .93 lbs
	③ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	4) High-speed glide bars, upon request		
Individual parts	Components as individual parts, installation set	Part No.	Weight
	A 1 bottom clamp, aluminum individual	75.40	≈ .07 lbs
	B 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.60 lbs/ft
	C 1 screw M6 x 20, individual	M6X1.00X20.D912.BO	
	D 1 sliding nut	MAT0040057	
Individual parts	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 aluminum SuperTrough. More information ► page 1342	970.80

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

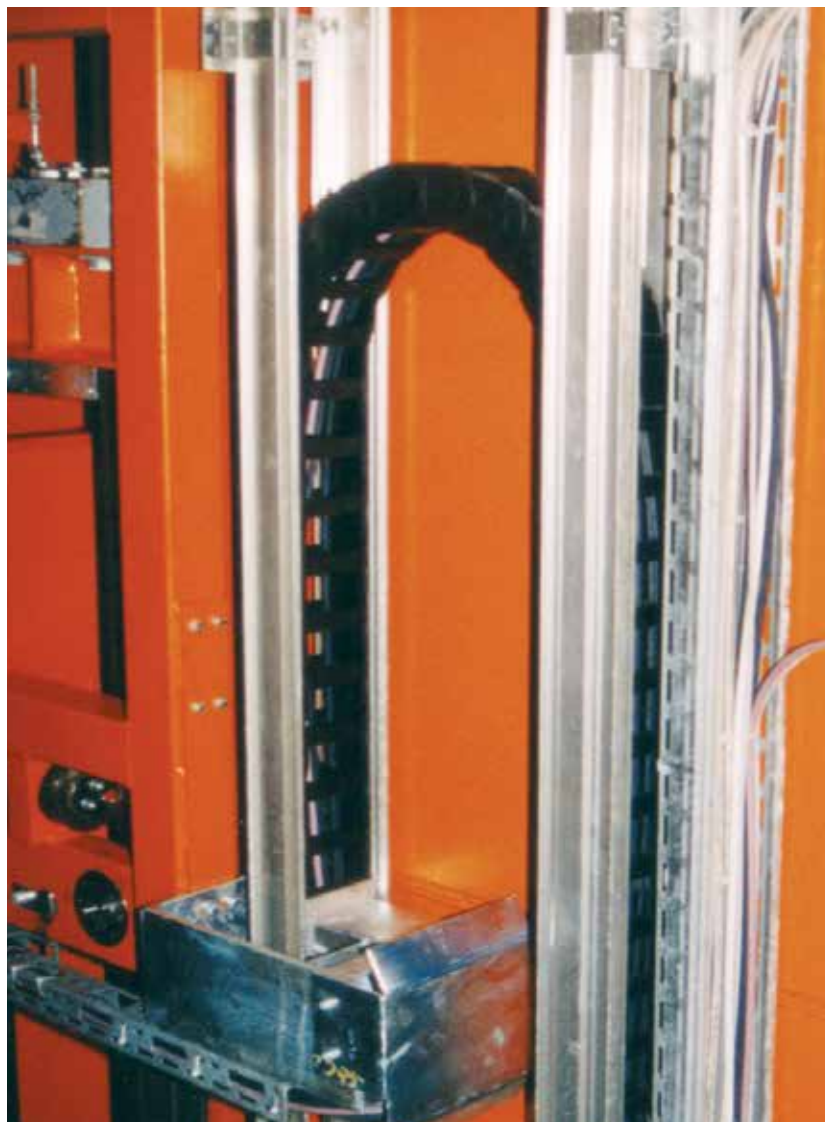


970.30.SL
970.31.SL

Bottom clamp attached either inwards or outwards

Lengths of profile rail - Basic Version - Bottom Clamp attached either **inwards** or **outwards**

10				B15				15				R15			
Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards
.015	1.18 (30)	upon request	960.30.125	.015	1.18 (30)	upon request	960.30.125	.015	1.18 (30)	upon request	960.30.125	.025	1.57 (40)	upon request	960.30.150
.025	1.57 (40)	upon request	960.30.150	.025	1.57 (40)	upon request	960.30.150	.025	1.57 (40)	upon request	960.30.150	.038	3.15 (80)	upon request	960.30.150
.038	2.09 (53)	upon request	960.30.150	.038	2.09 (53)	upon request	960.30.150	.038	2.09 (53)	upon request	960.30.150	.063	3.15 (80)	upon request	960.30.175
.050	2.56 (65)	960.30.125	960.30.175	.050	2.56 (65)	960.30.125	960.30.175	.050	2.56 (65)	960.30.125	960.30.175	.080	3.86 (98)	960.30.150	960.30.200
.5	3.15 (80)	960.30.125	960.30.175	.5	3.15 (80)	960.30.125	960.30.175	.5	3.15 (80)	960.30.125	960.30.175				
.6	3.86 (98)	960.30.150	960.30.200	.6	3.86 (98)	960.30.150	960.30.200	.6	3.86 (98)	960.30.150	960.30.200				
.7	4.61 (117)	960.30.175	960.30.225	.7	4.61 (117)	960.30.175	960.30.225	.7	4.61 (117)	960.30.175	960.30.225				



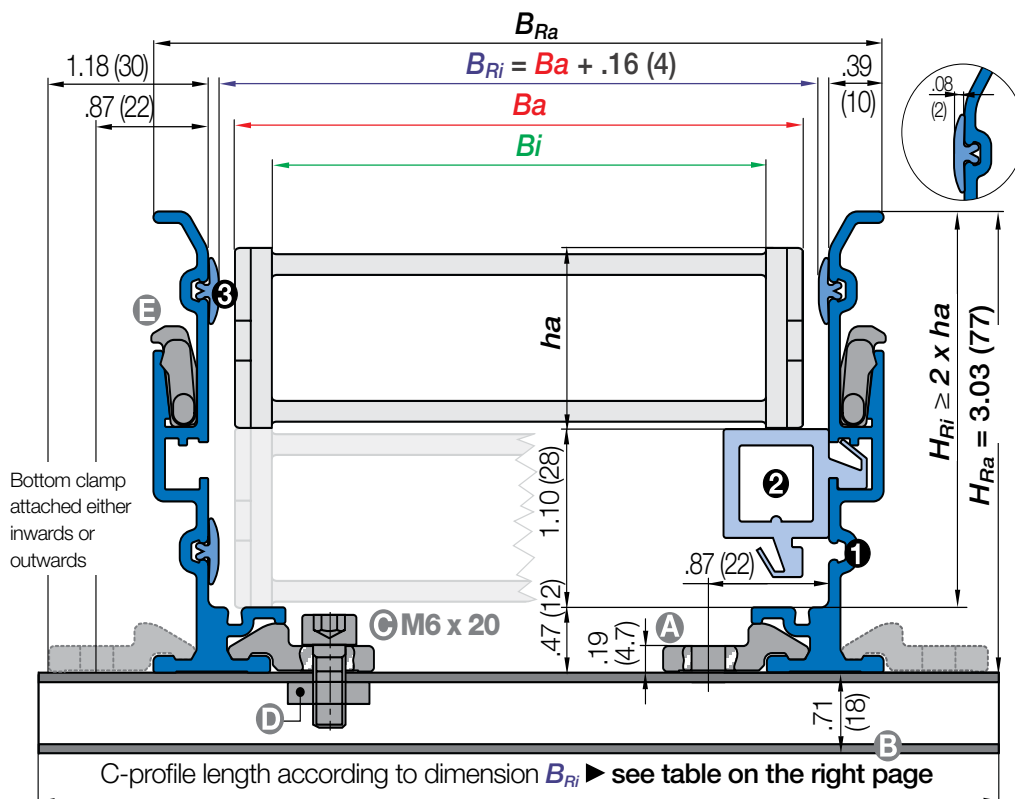
e-chain® on the tower of a storage and retrieval unit for high-bay warehouses rolls off from one aluminum guide trough to the opposite one

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 sets	Full trough side part sets ① ② ③ 6.56ft (2m) pieces each	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	970.30.SL	≈ 9.26 lbs
	1 set of 2 trough side parts, incl. glide strips, with glide bars	970.32.SL ²⁾	≈ 11.02 lbs
	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
Full sets	1 installation set without C-profile	960.30	≈ .13 lbs
	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		

Individual parts	Components as individual parts, trough	Part No.	Weight
	① 1 trough side part, 6.56ft (2m) section	70.11	≈ 4.5 lbs
	② 1 glide bar, 6.56ft (2m) section	81.79 ⁴⁾	≈ .93 lbs
	③ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	4) High-speed glide bars, upon request		
Individual parts	Components as individual parts, installation set	Part No.	Weight
	A 1 bottom clamp, Aluminum individual	75.40	≈ .07 lbs
	B 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ 0.60 lbs/ft
	C 1 screw M6 x 20, individual	M6X1.00X20.D912.BO	
	D 1 sliding nut	MAT0040057	
	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 Aluminum SuperTrough. More information ► page 1342	970.80

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

Bottom clamp attached either inwards or outwards



970.30.SL
970.32.SL

1500				E4.21			
Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards
.015	1.30 (33)	upon request	960.30.125	.030	1.89 (48)	upon request	960.30.150
.020	1.50 (38)	upon request	960.30.125	.040	2.28 (58)	960.30.125	960.30.150
.025	1.69 (43)	upon request	960.30.150	.050	2.68 (68)	960.30.125	960.30.175
.038	2.20 (56)	upon request	960.30.150	.060	3.07 (78)	960.30.125	960.30.175
.050	2.68 (68)	960.30.125	960.30.175	.070	3.46 (88)	960.30.150	960.30.175
.068	3.39 (86)	960.30.150	960.30.175	.080	3.86 (98)	960.30.150	960.30.200
.080	3.86 (98)	960.30.150	960.30.200	.090	4.25 (108)	960.30.175	960.30.200
.100	4.65 (118)	960.30.175	960.30.225	.100	4.65 (118)	960.30.175	960.30.225
.125	5.63 (143)	960.30.200	960.30.250	.110	5.04 (128)	960.30.175	960.30.225
				.120	5.43 (138)	960.30.200	960.30.225
				.140	6.22 (158)	960.30.225	960.30.250



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

For the following
igus® series**E2.1**

● E2.26

E2/000

● 2500

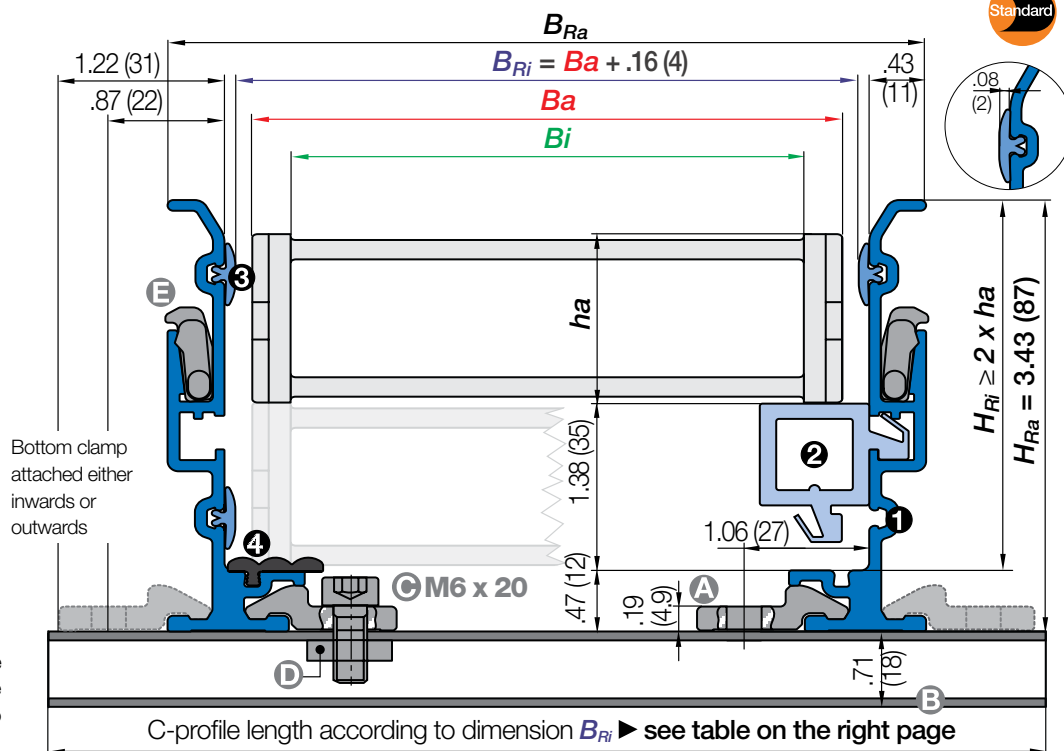
● 255

E2 R

● 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 sets	Full trough side part sets ① ② ③ ④ 6.56ft (2m) pieces each)	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	971.30.SLA ¹⁾	≈ 11.02 lbs
	1 set of 2 trough side parts, incl. glide strips, with glide bars	971.31.SL ²⁾	≈ 14.1 lbs
	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	Full installation set ⑤ ⑥ ⑦ ⑧ ⑨	Part No.	Weight
	1 installation set without C-profile	960.30	≈ .13 lbs
	1 installation set with C-profile (C-profile length according to dimension B_{Ri})	960.30.XXX ³⁾	upon request
Full installation set	3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.30.150		

Individual parts	Components as individual parts, trough	Part No.	Weight
	① 1 trough side part, 6.56ft (2m) section	71.11	≈ 5.38 lbs
	② 1 glide bar, 6.56ft (2m) section	82.79 ⁴⁾	≈ 1.3 lbs
	③ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	④ 1 noise dampening strip, 2m section	75.67.H.2000	≈ .35 lbs
Individual parts	Components as individual parts, installation set	Part No.	Weight
	⑤ 1 bottom clamp, Aluminum individual	75.40	≈ .07 lbs
	⑥ 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ .60 lbs/ft
	⑦ 1 screw M6 x 20, individual	M6X1.00X20.D912.BO	
	⑧ 1 sliding nut	MAT0040057	
Individual parts	⑨ 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 .		

Options	Additional options for simple fastening without drilling	Part No.
	1 fixed end module set to attach the e-chain® into the Aluminum SuperTrough. More information ► page 1342	971.80.4
Options	Trough clip for guiding cables on the outside of a Aluminum SuperTrough. More information ► page 1345	SLC.40.17

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



971.30.SL
971.31.SL

Bottom clamp attached either inwards or outwards

E2.26				2500				255				R48				E6.29/R6.29			
Width	B_{Ri}	Part No.	Part No.	Width	B_{Ri}	Part No.	Part No.	Width	B_{Ri}	Part No.	Part No.	Width	B_{Ri}	Part No.	Part No.	Width	B_{Ri}	Part No.	Part No.
index	in. (mm)	attached	attached	index	in. (mm)	attached	attached	index	in. (mm)	attached	attached	index	in. (mm)	attached	attached	index	in. (mm)	attached	attached
		inwards	outwards			inwards	outwards			inwards	outwards			inwards	outwards			inwards	outwards
.025	1.81 (46)	upon request	960.30.150	.02	1.77 (45)	upon request	960.30.150	.03	2.28 (58)	upon request	960.30.150	.025	1.57 (40)	upon request	960.30.150	.030	1.97 (50)	upon request	960.30.150
.038	2.32 (59)	upon request	960.30.150	.03	2.28 (58)	upon request	960.30.150	.05	3.03 (77)	960.30.125	960.30.175	.050	2.56 (65)	upon request	960.30.175	.040	2.36 (60)	upon request	960.30.175
.057	3.07 (78)	960.30.125	960.30.175	.05	3.03 (77)	960.30.125	960.30.175	.07	3.82 (97)	960.30.150	960.30.200	.075	3.54 (90)	960.30.150	960.30.200	.050	2.76 (70)	upon request	960.30.175
.077	3.86 (98)	960.30.150	960.30.200	.07	3.82 (97)	960.30.150	960.30.200	.10	4.84 (123)	960.30.175	960.30.225	.100	4.53 (115)	960.30.175	960.30.225	.060	3.15 (80)	960.30.150	960.30.175
.089	4.33 (110)	960.30.175	960.30.225	.09	4.29 (109)	960.30.175	960.30.225	.130	5.71 (145)	960.30.200	960.30.250	.070	3.54 (90)	960.30.150	960.30.200	.080	3.94 (100)	960.30.150	960.30.200
.103	4.88 (124)	960.30.175	960.30.225	.10	4.84 (123)	960.30.175	960.30.225					.090	4.33 (110)	960.30.175	960.30.225	.090	4.33 (110)	960.30.175	960.30.225
.125	5.75 (146)	960.30.200	960.30.250	.12	5.71 (145)	960.30.200	960.30.250					.110	5.12 (130)	960.30.200	960.30.225	.100	4.72 (120)	960.30.175	960.30.225
												.120	5.51 (140)	960.30.200	960.30.250	.110	5.12 (130)	960.30.200	960.30.225
												.140	6.30 (160)	960.30.225	960.30.250	.120	5.51 (140)	960.30.200	960.30.250
																.140	6.30 (160)	960.30.225	960.30.250

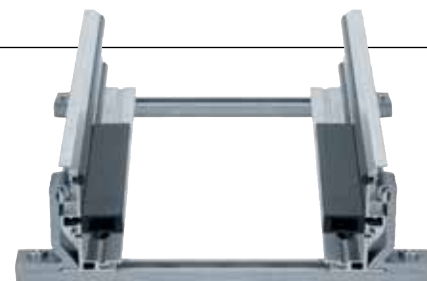


Series E4 in a seawater resistant igus® Aluminum guide trough

Heavy-duty version for high load applications

- This Aluminum 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-catalog
- Installation set Part No. 971.50.

More information ► www.igus.com/guide



Trough height: 4.61" (117mm) | Product range



**For the following
igus® series**

E4.1L

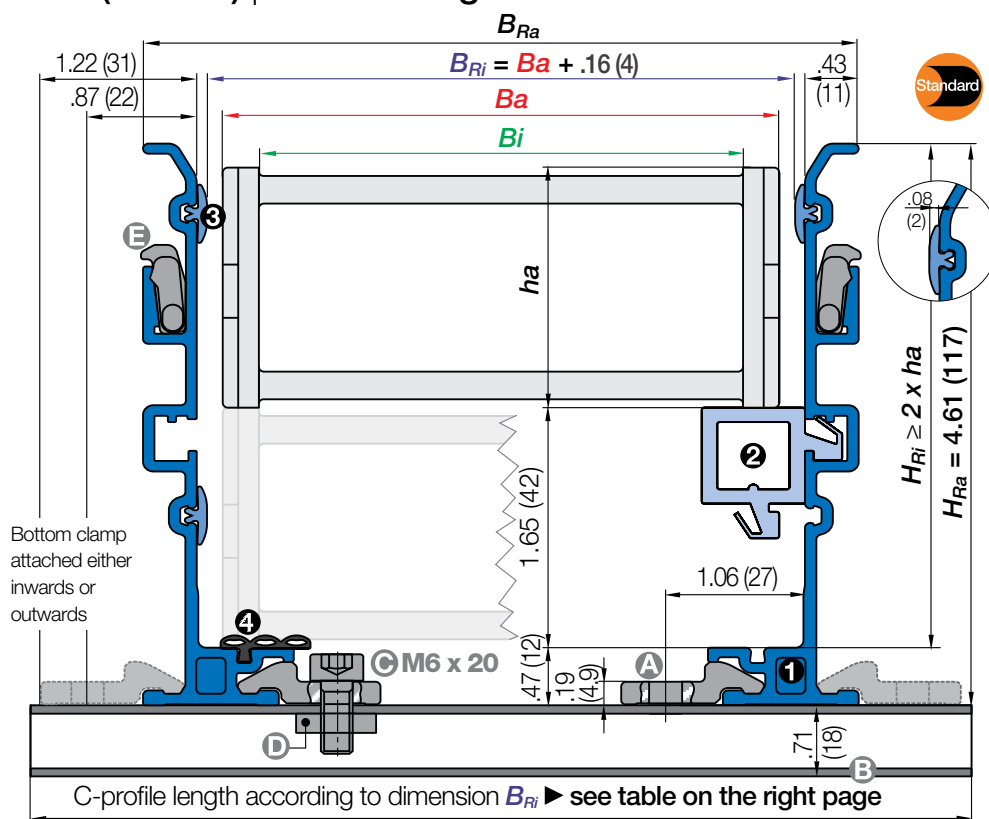
E4.31L/R4.31L

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.

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

Full sets	Full trough side part sets ❶ ❷ ❸ ❹ 6.56ft (2m) pieces each)	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	972.02.30.SLA ¹⁾	≈ 13.2 lbs
	1 set of 2 trough side parts, incl. glide strips, with glide bars	972.02.31.SL ²⁾	≈ 16.3 lbs
	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	≈ .13 lbs
	1 installation set with C-profile (C-profile length according to dimension <i>B_{Ri}</i>)	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			

Individual parts	Components as individual parts, trough	Part No.	Weight
	❶ 1 trough side part, 6.56ft (2m) section	72.11.02	≈ 6.48 lbs
	❷ 1 glide bar, 6.56ft (2m) section	82.79 ⁴⁾	≈ 2.87 lbs
	❸ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	❹ 1 noise dampening strip, 2m section	75.67.H.2000	≈ .35 lbs
	4) High-speed glide bars, upon request		
	Components as individual parts, installation set	Part No.	Weight
	❶ 1 bottom clamp, Aluminum individual	75.40	≈ .07 lbs
	❷ 1 C-profile, individual (C-profile length according to dimension <i>B_{Rl}</i>)	92.52.XXX.E ⁵⁾	≈ .60 lbs/ft
	❸ 1 screw M6 x 20, individual	M6X1.00X20.D912.BO	
	❹ 1 sliding nut, individual	MAT0040057	
	❺ 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	Additional options for simple fastening without drilling	Part No.
	1 fixed end module set to attach the e-chain® into the Aluminum SuperTrough. More information ► page 1342	971.80.4*/ 972.80.4**
	Trough clip for guiding cables on the outside of a Aluminum SuperTrough. More information ► page 1345	SLC.40.17

*Fixed end module **971.80.4** for series E4.31L/R4.31L / **Fixed end module **972.80.4** for series E4.28/R4.28 and E6.35

C-profile lengths (according to Dim. B_{R1}) | Basic version



972.02.30.SL
972.02.31.SL

Bottom clamp attached either inwards or outwards

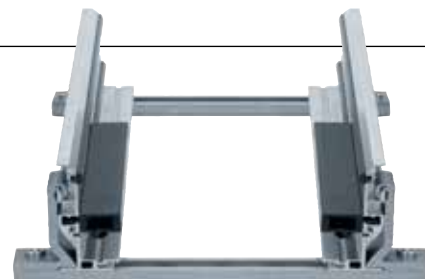
E4.31L/R4.31L				E4.28/R4.28				E6.35			
Width index	B_{R1} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{R1} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{R1} in. (mm)	Part No. attached inwards	Part No. attached outwards
.040	2.28 (58)	upon request	960.30.150	.040	2.52 (64)	upon request	960.30.175	.030	2.13 (54)	upon request	960.30.150
.050	2.68 (68)	upon request	960.30.175	.050	2.91 (74)	960.30.125	960.30.175	.040	2.52 (64)	upon request	960.30.175
.062	3.15 (80)	960.30.150	960.30.175	.062	3.39 (86)	960.30.150	960.30.200	.050	2.91 (74)	960.30.125	960.30.175
.075	3.66 (93)	960.30.150	960.30.200	.070	3.70 (94)	960.30.150	960.30.200	.060	3.31 (84)	960.30.150	960.30.200
.087	4.13 (105)	960.30.175	960.30.200	.075	3.90 (99)	960.30.150	960.30.200	.070	3.70 (94)	960.30.150	960.30.200
.100	4.65 (118)	960.30.175	960.30.225	.087	4.37 (111)	960.30.175	960.30.225	.080	4.09 (104)	960.30.150	960.30.200
.112	5.12 (130)	960.30.200	960.30.225	.100	4.88 (124)	960.30.175	960.30.225	.090	4.49 (114)	960.30.175	960.30.225
.125	5.63 (143)	960.30.200	960.30.250	.125	5.87 (149)	960.30.200	960.30.250	.100	4.88 (124)	960.30.175	960.30.225
.137	6.10 (155)	960.30.225	960.30.250	.150	6.85 (174)	960.30.225	960.30.275	.110	5.28 (134)	960.30.200	960.30.250
.150	6.61 (168)	960.30.225	960.30.275	.175	7.83 (199)	960.30.250	960.30.300	.120	5.67 (144)	960.30.200	960.30.250
.162	7.09 (180)	960.30.250	960.30.275	.200	8.82 (224)	960.30.275	960.30.325				
.175	7.60 (193)	960.30.250	960.30.300	.225	9.80 (249)	960.30.300	960.30.350				
.187	8.07 (205)	960.30.275	960.30.300	.250	10.79 (274)	960.30.325	960.30.375				
.200	8.58 (218)	960.30.275	960.30.325	.275	11.77 (299)	960.30.350	960.30.400				
				.300	12.76 (324)	960.30.375	960.30.425				



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

Heavy-duty version for high load applications

- This Aluminum 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-catalog
 - Installation set Part No. 972.50.
- More information ► www.igus.com/guide





For the following
igus® series

E4.1L

● E4.38L/R4.38L

E4Q

● E4Q.34/H4Q.34

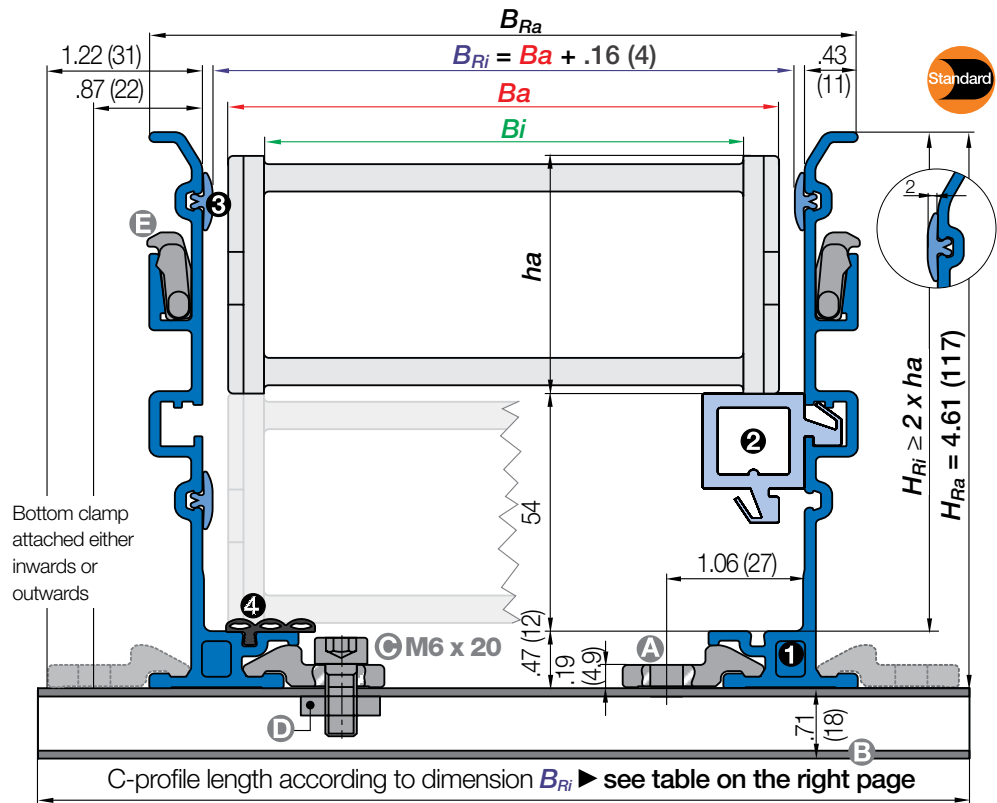
E4.1

● 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 sets	Full trough side part sets ① ② ③ ④ 6.56ft (2m) pieces each)	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	972.30.SLA ¹⁾	≈ 13.2 lbs
	1 set of 2 trough side parts, incl. glide strips, with glide bars	972.31.SL ²⁾	≈ 16.3 lbs
	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	Full installation set ⑤ ⑥ ⑦ ⑧ ⑨	Part No.	Weight
	1 installation set without C-profile	960.30	≈ .13 lbs
	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		

Individual parts	Components as individual parts, trough	Part No.	Weight
	① 1 trough side part, 6.56ft (2m) section	72.11	≈ 6.48 lbs
	② 1 glide bar, 6.56ft (2m) section	82.79 ⁴⁾	≈ 1.32 lbs
	③ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	④ 1 noise dampening strip, 2m section	75.67.H.2000	≈ .35 lbs
Individual parts	Components as individual parts, installation set	Part No.	Weight
	⑤ 1 bottom clamp, Aluminum individual	75.40	≈ .07 lbs
	⑥ 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ .60 lbs/ft
	⑦ 1 screw M6 x 20, individual	M6X1.00X20.D912.BO	
	⑧ 1 sliding nut, individual	MAT0040057	
Options	⑨ 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	Additional options for simple fastening without drilling	Part No.
	1 fixed end module set to attach the e-chain® into the Aluminum SuperTrough. More information ► page 1342	972.80.4
Options	Trough clip for guiding cables on the outside of a Aluminum SuperTrough. More information ► page 1345	SLC.40.17

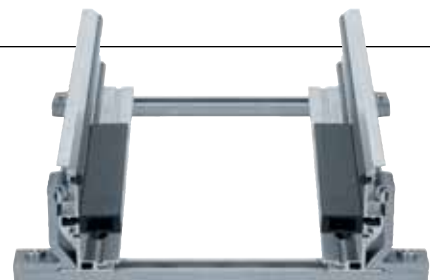
Bottom clamp attached either inwards or outwards

E4.38L/R4.38L				E4Q.34/H4Q.34				E4.32/H4.32/R4.32				E6.40/R6.40			
Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards
.050	2.76 (70)	upon request	960.30.200	.075	4.02 (102)	960.30.150	960.30.200	.05	3.03 (77)	960.30.125	960.30.175	.040	2.52 (64)	upon request	960.30.175
.062	3.23 (82)	upon request	960.30.200	.087	4.49 (114)	960.30.175	960.30.225	.06	3.74 (95)	960.30.150	960.30.200	.050	2.91 (74)	960.30.125	960.30.175
.075	3.74 (95)	upon request	960.30.225	.100	5.00 (127)	960.30.175	960.30.225	.07	4.02 (102)	960.30.150	960.30.200	.062	3.39 (86)	960.30.150	960.30.200
.087	4.21 (107)	upon request	960.30.225	.108	5.31 (135)	960.30.200	960.30.250	.087	4.49 (114)	960.30.175	960.30.225	.070	3.70 (94)	960.30.150	960.30.200
.100	4.72 (120)	960.30.175	960.30.250	.112	5.51 (140)	960.30.200	960.30.250	.10	5.00 (127)	960.30.175	960.30.225	.075	3.90 (99)	960.30.150	960.30.200
.105	4.92 (125)	960.30.175	960.30.250	.125	5.98 (152)	960.30.200	960.30.250	.11	5.31 (135)	960.30.200	960.30.250	.087	4.37 (111)	960.30.175	960.30.225
.112	5.20 (132)	960.30.200	960.30.250	.137	6.50 (165)	960.30.225	960.30.275	.112	5.51 (140)	960.30.200	960.30.250	.100	4.88 (124)	960.30.175	960.30.225
.125	5.71 (145)	960.30.200	960.30.275	.150	6.97 (177)	960.30.225	960.30.275	.12	5.98 (152)	960.30.200	960.30.250	.125	5.87 (149)	960.30.200	960.30.250
.137	6.18 (157)	960.30.225	960.30.275	.162	7.48 (190)	960.30.250	960.30.300	.137	6.50 (165)	960.30.225	960.30.275	.150	6.85 (174)	960.30.225	960.30.275
.150	6.69 (170)	960.30.225	960.30.300	.168	7.68 (195)	960.30.250	960.30.300	.15	6.97 (177)	960.30.225	960.30.275	.175	7.83 (199)	960.30.250	960.30.300
.162	7.17 (182)	960.30.250	960.30.300	.175	7.95 (202)	960.30.250	960.30.300	.162	7.48 (190)	960.30.250	960.30.300	.200	8.82 (224)	960.30.275	960.30.325
.175	7.68 (195)	960.30.250	960.30.325	.187	8.46 (215)	960.30.275	960.30.325	.17	7.68 (195)	960.30.250	960.30.300	.225	9.80 (249)	960.30.300	960.30.350
.187	8.15 (207)	960.30.275	960.30.325	.200	8.94 (227)	960.30.275	960.30.325	.18	7.95 (202)	960.30.250	960.30.300	.250	10.79 (274)	960.30.325	960.30.375
.200	8.66 (220)	960.30.275	960.30.350	.212	9.45 (240)	960.30.300	960.30.350	.187	8.46 (215)	960.30.275	960.30.325	.275	11.77 (299)	960.30.350	960.30.400
.212	9.13 (232)	960.30.300	960.30.350	.225	9.92 (252)	960.30.300	960.30.350	.20	8.94 (227)	960.30.275	960.30.325	.300	12.76 (324)	960.30.375	960.30.425
.225	9.65 (245)	960.30.300	960.30.375	.237	10.43 (265)	960.30.325	960.30.375	.212	9.45 (240)	960.30.300	960.30.350				
.237	10.12 (257)	960.30.325	960.30.375	.250	10.91 (277)	960.30.325	960.30.375	.23	9.92 (252)	960.30.300	960.30.350				
.250	10.63 (270)	960.30.325	960.30.375	.262	11.42 (290)	960.30.350	960.30.400	.237	10.43 (265)	960.30.325	960.30.375				
.262	11.10 (282)	960.30.325	960.30.375	.275	11.89 (302)	960.30.350	960.30.400	.25	10.91 (277)	960.30.325	960.30.375				
.275	11.61 (295)	960.30.350	960.30.400	.287	12.40 (315)	960.30.375	960.30.425	.262	11.42 (290)	960.30.350	960.30.400				
.287	12.09 (307)	960.30.350	960.30.400	.300	12.87 (327)	960.30.375	960.30.425	.28	11.89 (302)	960.30.350	960.30.400				
.300	12.60 (320)	960.30.375	960.30.425	.312	13.39 (340)	960.30.400	960.30.450	.29	12.40 (315)	960.30.375	960.30.425				
.312	13.07 (332)	960.30.375	960.30.425	.325	13.86 (352)	960.30.400	960.30.450	.30	12.87 (327)	960.30.375	960.30.425				
.325	13.58 (345)	960.30.400	960.30.450	.337	14.37 (365)	960.30.425	960.30.475	.312	13.39 (340)	960.30.400	960.30.450				
.337	14.06 (357)	960.30.400	960.30.450	.350	14.84 (377)	960.30.425	960.30.475	.325	13.86 (352)	960.30.400	960.30.450				
.350	14.57 (370)	960.30.425	960.30.475	.362	15.35 (390)	960.30.450	960.30.500	.337	14.37 (365)	960.30.425	960.30.475				
.362	15.04 (382)	960.30.450	960.30.475	.375	15.83 (402)	960.30.450	960.30.500	.350	14.84 (377)	960.30.425	960.30.475				
.375	15.55 (395)	960.30.450	960.30.500	.387	16.34 (415)	960.30.475	960.30.525	.362	15.35 (390)	960.30.450	960.30.500				
.387	16.02 (407)	960.30.450	960.30.500	.400	16.81 (427)	960.30.475	960.30.525	.375	15.83 (402)	960.30.450	960.30.500				
.400	16.54 (420)	960.30.475	960.30.500					.387	16.34 (415)	960.30.475	960.30.525				
								.400	16.81 (427)	960.30.475	960.30.525				

Heavy-duty version for high load applications

- This Aluminum 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-catalog
- Installation set Part No. 972.50.

More information ► www.igus.com/guide





For the following
igus® series

E2.1

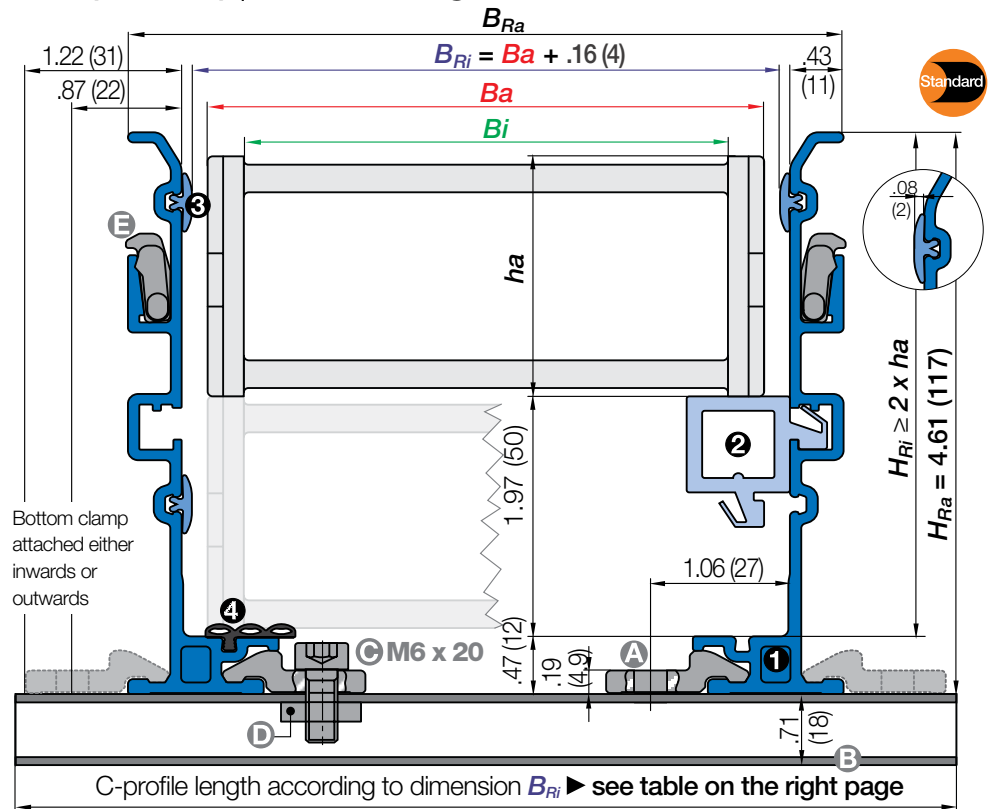
● E2.38

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.

Full sets	Full trough side part sets ① ② ③ ④ 6.56ft (2m) pieces each)	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	972.30.SLA ¹⁾	≈ 13.2 lbs
	1 set of 2 trough side parts, incl. glide strips, with glide bars	972.32.SL ²⁾	≈ 16.3 lbs
	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	Full installation set A B C D E	Part No.	Weight
	1 installation set without C-profile	960.30	≈ .13 lbs
	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			

Individual parts	Components as individual parts, trough	Part No.	Weight
	① 1 trough side part, 6.56ft (2m) section	72.11	≈ 6.48 lbs
	② 1 glide bar, 6.56ft (2m) section	82.79 ⁴⁾	≈ 1.32 lbs
	③ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	④ 1 noise dampening strip, 2m section	75.67.H.2000	≈ .35 lbs
4) High-speed glide bars, upon request			
Individual parts	Components as individual parts, installation set	Part No.	Weight
	A 1 bottom clamp, Aluminum individual	75.40	≈ .07 lbs
	B 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ⁵⁾	≈ .60 lbs/ft
	C 1 screw M6 x 20, individual	M6X1.00X20.D912.BO	
	D 1 sliding nut, individual	MAT0040057	
	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	Part No.
	1 fixed end module set to attach the e-chain® into the Aluminum SuperTrough. More information ► page 1342	972.80.4
Options	Trough clip for guiding cables on the outside of a Aluminum SuperTrough. More information ► page 1345	SLC.40.17

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



972.30.SL
972.32.SL

Bottom clamp attached either inwards or outwards

E2.38				2700				R58			
Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_{Ri} in. (mm)	Part No. attached inwards	Part No. attached outwards
.50	2.80 (71)	upon request	960.30.175	.05	2.76 (70)	upon request	960.30.175	.050	2.76 (70)	upon request	960.30.175
.65	3.39 (86)	960.30.150	960.30.200	.06	3.35 (85)	960.30.150	960.30.200	.075	3.74 (95)	960.30.150	960.30.200
.75	3.78 (96)	960.30.150	960.30.200	.07	3.74 (95)	960.30.150	960.30.200	.100	4.72 (120)	960.30.175	960.30.225
.90	4.37 (111)	960.30.175	960.30.225	.09	4.33 (110)	960.30.175	960.30.225	.125	5.71 (145)	960.30.200	960.30.250
.100	4.76 (121)	960.30.175	960.30.225	.10	4.72 (120)	960.30.175	960.30.225	.150	6.69 (170)	960.30.225	960.30.275
.125	5.75 (146)	960.30.200	960.30.250	.12	5.71 (145)	960.30.200	960.30.250	.175	7.68 (195)	960.30.250	960.30.300
.150*	6.73 (171)	960.30.225	960.30.275	.15	6.69 (170)	960.30.225	960.30.275	.200	8.66 (220)	960.30.275	960.30.325
.175	7.72 (196)	960.30.250	960.30.300	.17	7.80 (198)	960.30.250	960.30.300				

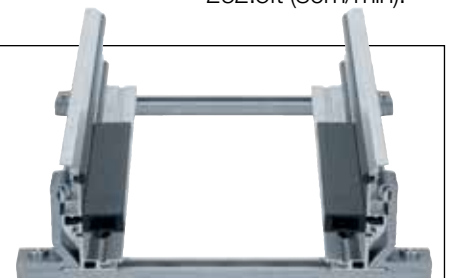


Secure guidance without vibrations: due to the compact design of the Aluminum SuperTrough, less space is required along the travel distance. Long travel crane; 105ft (32m) travel, operating speed 262.5ft (80m/min).

Heavy-duty version for high load applications

- This Aluminum 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-catalog
- Installation set Part No. 972.50.

More information ► www.igus.com/guide



Aluminum SuperTrough | 973.30.SL | 973.31.SLH

Trough height: 5.67" (144mm) | Product range

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



For the following
igus® series

E2.1

● E2.48

E2/000

● 3500

E2R

● R68

E4.1L

● E4.48L/R4.48L

E4Q

● E4Q.44/H4Q.44

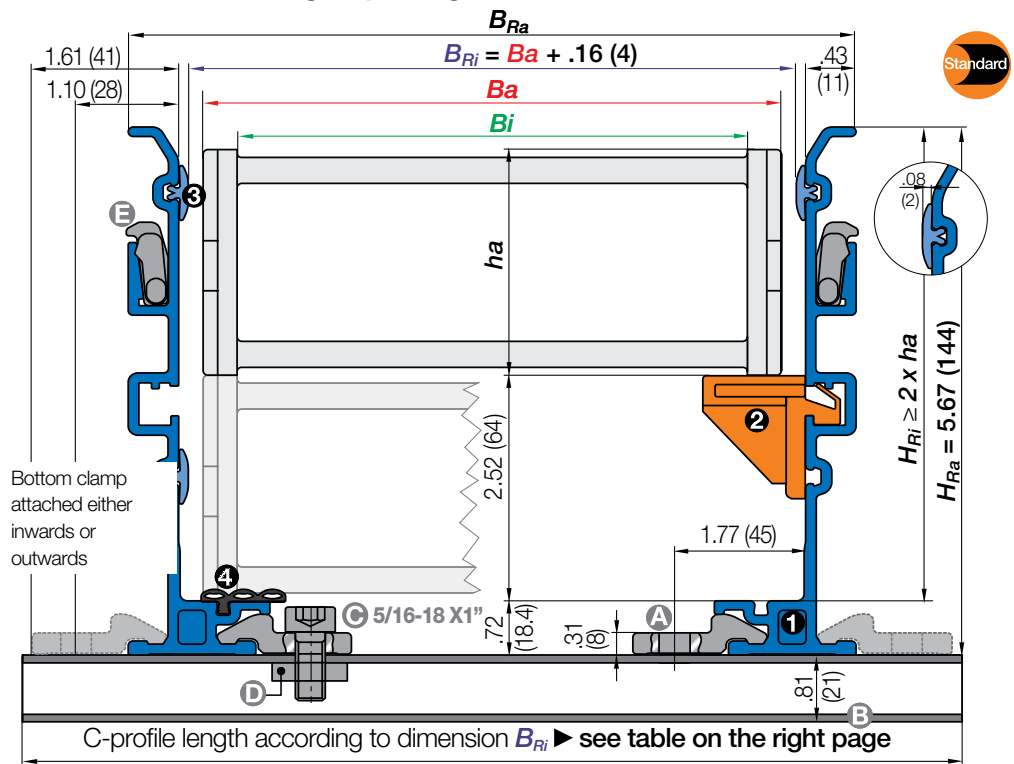
E4.1

● 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 sets	Full trough side part sets ① ② ③ ④ 6.56ft (2m) pieces each)	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	973.30.SLA ¹⁾	≈ 17.6 lbs
	1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars	973.31.SLH ²⁾	≈ 21.0 lbs
	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	≈ .18 lbs
	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			

Individual parts	Components as individual parts, trough	Part No.	Weight
	① 1 trough side part, 6.56ft (2m) section	73.11	≈ 8.69 lbs
	② 1 high-speed glide bar, 1.64ft (0.5m). More information ► page 1344	GB.31.500 ⁴⁾	≈ .40 lbs
	③ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	④ 1 noise dampening strip, 2m section	75.68.H.2000	≈ .84 lbs
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, Aluminum individual	75.50	≈ .09 lbs
	B 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.US.XXX.E ⁵⁾	≈ .60 lbs/ft
	C 1 screw 5/16-18 x 1", individual	5/16-18X1.000.SH.BO	
	D 1 sliding nut, individual	5/16-18.SN.Z	
	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	Part No.
	1 fixed end module set to attach the e-chain® into the Aluminum SuperTrough. More information ► page 1342	973.80.5 ^{A)} / 973.81.5 ^{B)}
Options	Trough clip for guiding cables on the outside of a Aluminum SuperTrough. More information ► page 1345	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	

973.30.SL
973.31.SLH

E2.48				3500				E4.48L/R4.48L				E4Q.44/H4Q.44				E4.42/H4.42/R4.42			
Width	B_{R1}	Part No.	Part No.	Width	B_{R1}	Part No.	Part No.	Width	B_{R1}	Part No.	Part No.	Width	B_{R1}	Part No.	Part No.	Width	B_{R1}	Part No.	Part No.
index	in. (mm)	attached	attached	index	in. (mm)	attached	attached	index	in. (mm)	attached	attached	index	in. (mm)	attached	attached	index	in. (mm)	attached	attached
		inwards	outwards			inwards	outwards			inwards	outwards			inwards	outwards			inwards	outwards
.050	2.99 (76)	upon request	960.40.200	.050	2.91 (74)	upon request	960.40.200	.050	2.91 (74)	upon request	960.40.200	.075	4.13 (105)	upon request	960.40.225	.05	3.15 (80)	upon request	960.40.200
.075	3.98 (101)	upon request	960.40.225	.075	3.90 (99)	upon request	960.40.225	.062	3.39 (86)	upon request	960.40.200	.087	4.65 (118)	960.40.175	960.40.250	.06	3.86 (98)	upon request	960.40.225
.100	4.96 (126)	960.40.175	960.40.250	.100	4.88 (124)	960.40.175	960.40.250	.075	3.90 (99)	upon request	960.40.225	.100	5.12 (130)	960.40.200	960.40.250	.07	4.13 (105)	upon request	960.40.225
.115	5.55 (141)	960.40.200	960.40.275	.115	5.47 (139)	960.40.200	960.40.275	.087	4.37 (111)	960.40.175	960.40.225	.108	5.43 (138)	960.40.200	960.40.275	.087	4.65 (118)	960.40.175	960.40.250
.125	5.94 (151)	960.40.200	960.40.275	.125	5.87 (149)	960.40.200	960.40.275	.100	4.88 (124)	960.40.175	960.40.250	.112	5.63 (143)	960.40.200	960.40.275	.10	5.12 (130)	960.40.200	960.40.250
.150	6.93 (176)	960.40.225	960.40.300	.150	6.85 (174)	960.40.225	960.40.300	.105	5.08 (129)	960.40.200	960.40.250	.125	6.10 (155)	960.40.225	960.40.275	.11	5.43 (138)	960.40.200	960.40.275
.175	7.91 (201)	960.40.250	960.40.325	.175	7.83 (199)	960.40.250	960.40.325	.112	5.35 (136)	960.40.200	960.40.250	.137	6.61 (168)	960.40.225	960.40.300	.112	5.63 (143)	960.40.200	960.40.275
.200	8.90 (226)	960.40.275	960.40.350	.200	8.82 (224)	960.40.275	960.40.350	.125	5.87 (149)	960.40.225	960.40.275	.150	7.09 (180)	960.40.250	960.40.300	.12	6.10 (155)	960.40.225	960.40.275
.225	9.88 (251)	960.40.300	960.40.375	.225	9.80 (249)	960.40.300	960.40.375	.137	6.34 (161)	960.40.225	960.40.275	.162	7.60 (193)	960.40.250	960.40.325	.137	6.61 (168)	960.40.225	960.40.300
.250	10.87 (276)	960.40.325	960.40.400	.250	10.79 (274)	960.40.325	960.40.400	.150	6.85 (174)	960.40.250	960.40.300	.168	7.80 (198)	960.40.250	960.40.325	.15	7.09 (180)	960.40.250	960.40.300
								.162	7.32 (186)	960.40.250	960.40.300	.175	8.07 (205)	960.40.275	960.40.325	.162	7.60 (193)	960.40.250	960.40.325
								.175	7.83 (199)	960.40.275	960.40.325	.187	8.58 (218)	960.40.275	960.40.350	.17	7.80 (198)	960.40.250	960.40.325
								.187	8.31 (211)	960.40.275	960.40.325	.200	9.06 (230)	960.40.300	960.40.350	.18	8.07 (205)	960.40.275	960.40.325
								.200	8.82 (224)	960.40.300	960.40.350	.212	9.57 (243)	960.40.300	960.40.375	.187	8.58 (218)	960.40.275	960.40.350
								.212	9.29 (236)	960.40.300	960.40.350	.225	10.04 (255)	960.40.325	960.40.375	.20	9.06 (230)	960.40.300	960.40.350
								.225	9.80 (249)	960.40.325	960.40.375	.237	10.55 (268)	960.40.325	960.40.400	.212	9.57 (2		

Trough height: 7.24" (184mm) | Product range

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



**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

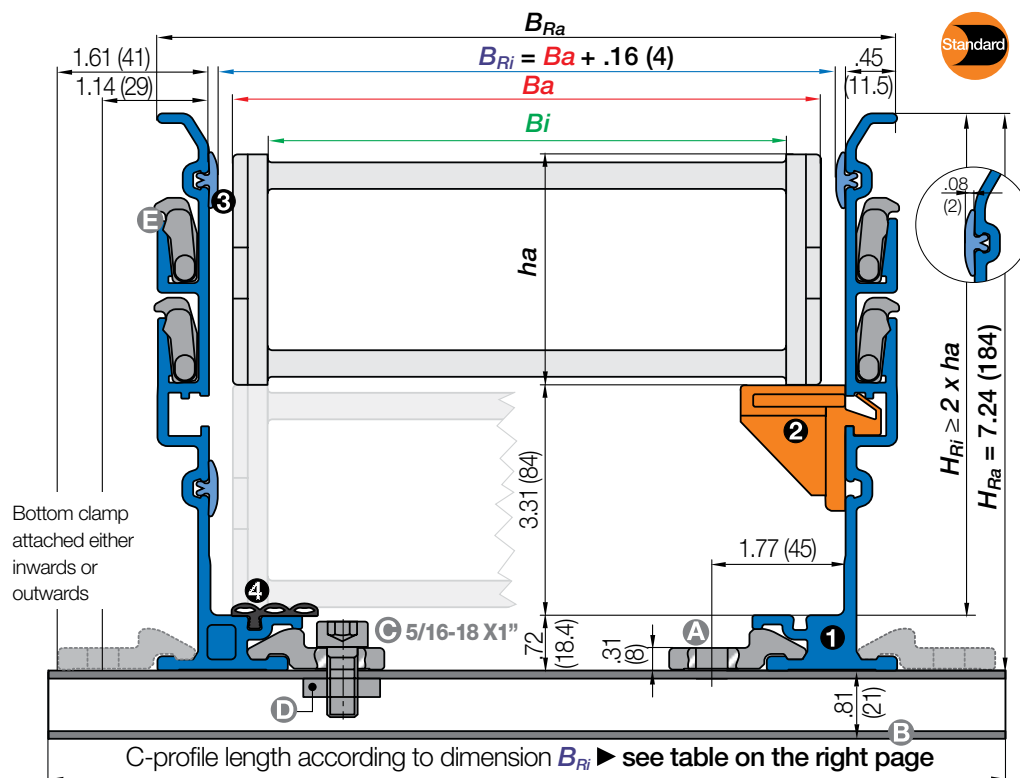
E6

- 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.



Full sets	Full trough side part sets ❶ ❷ ❸ ❹ 6.56ft (2m) pieces each	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	974.30.SLA ¹⁾	≈ 22.05 lbs
	1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars	974.31.SLH ²⁾	≈ 25.57 lbs
	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 sets	Full installation set ❶ ❷ ❸ ❹ ❺	Part No.	Weight
	1 installation set without C-profile	960.50	≈ .18 lbs
	1 installation set with C-profile (C-profile length according to dimension <i>B_{Rl}</i>)	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
	❶ 1 trough side part, 6.56ft (2m) section	74.11	≈ 10.89 lbs
	❷ 1 high-speed glide bar, 1.64ft (0.5m). More information ► page 1344	GB.31.500 ⁴⁾	≈ .40 lbs
	❸ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	❹ 1 noise dampening strip, 2m section	75.68.H.2000	≈ .84 lbs
	4) Conventional glide bar as individual part, 2m piece still available, Part No. 83.79		
	Components as individual parts, installation set	Part No.	Weight
	❶ 1 bottom clamp, Aluminum individual	75.50	≈ .09 lbs
	❷ 1 C-profile, individual (C-profile length according to dimension <i>B_{Rl}</i>)	92.52.US.XXX.E ⁵⁾	≈ .60 lbs/ft
	❸ 1 screw 5/16-18 x 1", individual	5/16-18X1.000.SH.BO	
❹ 1 sliding nut, individual	5/16-18.SN.Z		
❺ 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 Aluminum SuperTrough. More information ► page 1342	974.80.5 ^{A)} / 974.81.5 ^{B)}	
	Trough clip for guiding cables on the outside of a Aluminum SuperTrough. More information ► page 1345	SLC.40.17	
A) - for series E4.56/H4.56/R4.56, E6.62 B) - for series 14040/14140/R18840, 14240/14340			

C-profile lengths (according to Dim. B_R) | Basic version



974.30.SL
974.31.SLH

Bottom clamp attached either inwards or outwards

E4Q.58/H4Q.58				E4.56/H4.56/R4.56				14040/14140/R18840				14240/14340				E6.62			
Width index	<i>B_R</i> in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	<i>B_R</i> in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	<i>B_R</i> in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	<i>B_R</i> in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	<i>B_R</i> in. (mm)	Part No. attached inwards	Part No. attached outwards
.100	5.43 (138)	960.50.200	960.50.275	.05	3.46 (88)	upon request	960.50.225	.05	3.15 (80)	upon request	960.50.200	.05	3.15 (80)	upon request	960.50.200	.05	3.54 (90)	upon request	960.50.225
.112	5.94 (151)	960.50.200	960.50.275	.06	4.06 (103)	upon request	960.50.225	.06	3.74 (95)	upon request	960.50.225	.06	3.86 (98)	upon request	960.50.225	.06	4.25 (108)	upon request	960.50.225
.125	6.42 (163)	960.50.225	960.50.300	.07	4.45 (113)	upon request	960.50.250	.07	4.13 (105)	upon request	960.50.225	.07	4.13 (105)	upon request	960.50.225	.07	4.53 (115)	upon request	960.50.250
.137	6.93 (176)	960.50.225	960.50.300	.08	4.92 (125)	960.50.175	960.50.250	.08	4.61 (117)	960.50.175	960.50.225	.087	4.65 (118)	960.50.175	960.50.250	.087	5.00 (127)	960.50.175	960.50.250
.150	7.40 (188)	960.50.250	960.50.325	.10	5.43 (138)	960.50.200	960.50.275	.10	5.12 (130)	960.50.200	960.50.250	.10	5.12 (130)	960.50.200	960.50.250	.10	5.51 (140)	960.50.200	960.50.275
.162	7.91 (201)	960.50.250	960.50.325	.11	5.94 (151)	960.50.200	960.50.275	.11	5.63 (143)	960.50.200	960.50.275	.11	5.43 (138)	960.50.200	960.50.275	.11	5.83 (148)	960.50.200	960.50.275
.175	8.39 (213)	960.50.275	960.50.350	.12	6.42 (163)	960.50.225	960.50.300	.12	6.10 (155)	960.50.225	960.50.275	.112	5.63 (143)	960.50.200	960.50.275	.112	5.98 (152)	960.50.200	960.50.275
.187	8.90 (226)	960.50.275	960.50.350	.13	6.93 (176)	960.50.225	960.50.300	.13	6.61 (168)	960.50.225	960.50.300	.12	6.10 (155)	960.50.225	960.50.275	.12	6.50 (165)	960.50.225	960.50.300
.200	9.37 (238)	960.50.300	960.50.375	.15	7.40 (188)	960.50.250	960.50.325	.15	7.09 (180)	960.50.250	960.50.300	.137	6.61 (168)	960.50.225	960.50.300	.137	6.97 (177)	960.50.225	960.50.300
.212	9.88 (251)	960.50.300	960.50.375	.16	7.91 (201)	960.50.250	960.50.325	.16	7.60 (193)	960.50.250	960.50.325	.15	7.09 (180)	960.50.250	960.50.300	.15	7.48 (190)	960.50.250	960.50.325
.225	10.35 (263)	960.50.325	960.50.400	.17	8.39 (213)	960.50.275	960.50.350	.17	8.07 (205)	960.50.275	960.50.325	.162	7.60 (193)	960.50.250	960.50.325	.162	7.95 (202)	960.50.250	960.50.325
.237	10.87 (276)	960.50.325	960.50.400	.18	8.90 (226)	960.50.275	960.50.350	.18	8.58 (218)	960.50.275	960.50.350	.17	7.80 (198)	960.50.250	960.50.325	.17	8.19 (208)	960.50.275	960.50.325
.250	11.34 (288)	960.50.350	960.50.425	.20	9.37 (238)	960.50.300	960.50.375	.20	9.06 (230)	960.50.300	960.50.350	.18	8.07 (205)	960.50.275	960.50.325	.18	8.46 (215)	960.50.275	960.50.350
.262	11.85 (301)	960.50.350	960.50.425	.21	9.88 (251)	960.50.300	960.50.375	.21	9.57 (243)	960.50.300	960.50.375	.187	8.58 (218)	960.50.275	960.50.350	.187	8.94 (227)	960.50.275	960.50.350
.275	12.32 (313)	960.50.375	960.50.450	.22	10.35 (263)	960.50.325	960.50.400	.22	10.04 (255)	960.50.325	960.50.375	.20	9.06 (230)	960.50.300	960.50.350	.20	9.45 (240)	960.50.300	960.50.375
.287	12.83 (326)	960.50.375	960.50.450	.23	10.87 (276)	960.50.325	960.50.400	.23	10.55 (268)	960.50.325	960.50.400	.212	9.57 (243)	960.50.300	960.50.375	.212	9.92 (252)	960.50.300	960.50.375
.300	13.31 (338)	960.50.400	960.50.475	.25	11.34 (288)	960.50.350	960.50.425	.25	11.02 (280)	960.50.350	960.50.400	.23	10.04 (255)	960.50.325	960.50.375	.23	10.43 (265)	960.50.325	960.50.400
.312	13.82 (351)	960.50.400	960.50.475	.26	11.85 (301)	960.50.350	960.50.425	.26	11.54 (293)	960.50.350	960.50.425	.237	10.55 (268)	960.50.325	960.50.400	.237	10.91 (277)	960.50.325	960.50.400
.325	14.29 (363)	960.50.425	960.50.500	.27	12.32 (313)	960.50.375	960.50.450	.27	12.01 (305)	960.50.375	960.50.425	.25	11.02 (280)	960.50.350	960.50.400	.25	11.42 (290)	960.50.350	960.50.425
.337	14.80 (376)	960.50.425	960.50.500	.28	12.83 (326)	960.50.375	960.50.450	.28	12.52 (318)	960.50.375	960.50.450	.262	11.54 (293)	960.50.350	960.50.425	.262	11.89 (302)	960.50.350	960.50.425
.350	15.28 (388)	960.50.450	960.50.525	.30	13.31 (338)	960.50.400	960.50.475	.30	12.99 (330)	960.50.400	960.50.450	.28	12.01 (305)	960.50.375	960.50.425	.28	12.40 (315)	960.50.375	960.50.450
.362	15.79 (401)	960.50.450	960.50.525	.31	13.82 (351)	960.50.400	960.50.475	.31	13.50 (343)	960.50.400	960.50.475	.29	12.52 (318)	960.50.375	960.50.450	.29	12.87 (327)	960.50.375	960.50.450
.375	16.26 (413)	960.50.475	960.50.550	.32	14.29 (363)	960.50.425	960.50.500	.32	13.98 (355)	960.50.425	960.50.475	.30	12.99 (330)	960.50.400	960.50.450	.30	13.39 (340)	960.50.400	960.50.475
.387	16.77 (426)	960.50.475	960.50.550	.33	14.80 (376)	960.50.425	960.50.500	.33	14.49 (368)	960.50.425	960.50.500	.312	13.50 (343)	960.50.400	960.50.475	.312	13.86 (352)	960.50.400	960.50.475
.400	17.24 (438)	960.50.500	960.50.575	.35	15.28 (388)	960.50.450	960.50.525	.35	14.96 (380)	960.50.450	960.50.500	.325	13.98 (355)	960.50.425	960.50.475	.325	14.37 (365)	960.50.425	960.50.500
.412	17.76 (451)	960.50.500	960.50.575	.36	15.79 (401)	960.50.450	960.50.525	.36	15.47 (393)	960.50.450	960.50.525	.337	14.49 (368)	960.50.425	960.50.500	.337	14.84 (377)	960.50.425	960.50.500
.425	18.23 (463)	960.50.525	960.50.600	.37	16.26 (413)	960.50.475	960.50.550	.37	15.94 (405)	960.50.475	960.50.525	.350	14.96 (380)	960.50.450	960.50.500	.350	15.35 (390)	960.50.450	960.50.525
.437	18.74 (476)	960.50.525	960.50.600	.38	16.77 (426)	960.50.475	960.50.550	.38	16.46 (418)	960.50.475	960.50.550	.362	15.47 (393)	960.50.450	960.50.525	.362	15.83 (402)	960.50.450	960.50.525
.450	19.21 (488)	960.50.550	960.50.625	.40	17.24 (438)	960.50.500	960.50.575	.40	16.93 (430)	960.50.500	960.50.550	.375	15.94 (405)	960.50.475	960.50.525	.375	16.34 (415)	960.50.475	960.50.550
.462	19.72 (501)	960.50.550	960.50.625	.41	17.76 (451)	960.50.500	960.50.575	.41	17.44 (443)	960.50.500	960.50.575	.387	16.46 (418)	960.50.475	960.50.550	.387	16.81 (427)	960.50.475	960.50.550
.475	20.20 (513)	960.50.575	960.50.650	.42	18.23 (463)	960.50.525	960.50.600	.42	17.91 (455)	960.50.525	960.50.575	.400	16.93 (430)	960.50.500	960.50.550	.400	17.32 (440)	960.50.500	960.50.575
.487	20.71 (526)	960.50.575	960.50.650	.43	18.74 (476)	960.50.525	960.50.600	.43	18.43 (468)	960.50.525	960.50.600								
.500	21.18 (538)	960.50.600	960.50.675	.45	19.21 (488)	960.50.550	960.50.625	.45	18.90 (480)	960.50.550	960.50.600								
.512	21.69 (551)	960.50.600	960.50.675	.46	19.72 (501)	960.50.550	960.50.625	.46	19.41 (493)	960.50.550	960.50.625								
.525	22.17 (563)	960.50.625	960.50.700	.47	20.20 (513)	960.50.575	960.50.650	.47	19.88 (505)	960.50.575	960.50.625								
.537	22.68 (576)	960.50.625	960.50.700	.48	20.71 (526)	960.50.575	960.50.650	.48	20.39 (518)	960.50.575	960.50.650								
.550	23.15 (588)	960.50.650	960.50.725	.50	21.18 (538)	960.50.600	960.50.675	.50	20.87 (530)	960.50.600	960.50.650								
.562	23.62 (600)	960.50.650	960.50.725	.51	21.69 (551)	960.50.600	960.50.675	.51	21.38 (543)	960.50.600	960.50.675								
.575	24.13 (613)	960.50.675	960.50.725	.52	22.17 (563)	960.50.625	960.50.700	.52	21.85 (555)	960.50.625	960.50.675								
.587	24.61 (625)	960.50.675	960.50.750	.53	22.68 (576)	960.50.625	960.50.700	.53	22.36 (568)	960.50.625	960.50.700								
.60	25.12 (638)	960.50.700	960.50.775	.55	23.15 (588)	960.50.650	960.50.725	.55	22.83 (580)	960.50.650	960.50.700								
				.60	25.12 (638)	960.50.700	960.50.775	.60	24.80 (630)	960.50.700	960.50.750								

E4.64L

Width index	<i>B_R</i> in. (mm)	Part No. attached inwards	Part No. attached outwards
.087	4.61 (117)	960.50.175	960.50.225
.100	5.12 (130)	960.50.225	960.50.275
.150	7.09 (180)	960.50.275	960.50.325
.200	9.06 (230)	960.50.250	960.50.300

E4.64L

Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards
.087	4.61 (117)	960.50.175	960.50.225
.100	5.12 (130)	960.50.225	960.50.275
.150	7.09 (180)	960.50.275	960.50.325
.200	9.06 (230)	960.50.250	960.50.300



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.com/guide

Heavy-duty version for high load applications

- This Aluminum 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-catalog
- Installation set Part No. 974.50.

More information ► www.igus.com/guide



3D CAD, configurators, service life calculation and more ► www.igus.com/guide

Aluminum SuperTrough | 975.30.SL | 975.31.SLH

Trough height: 9.30" (236mm) | Product range

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

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

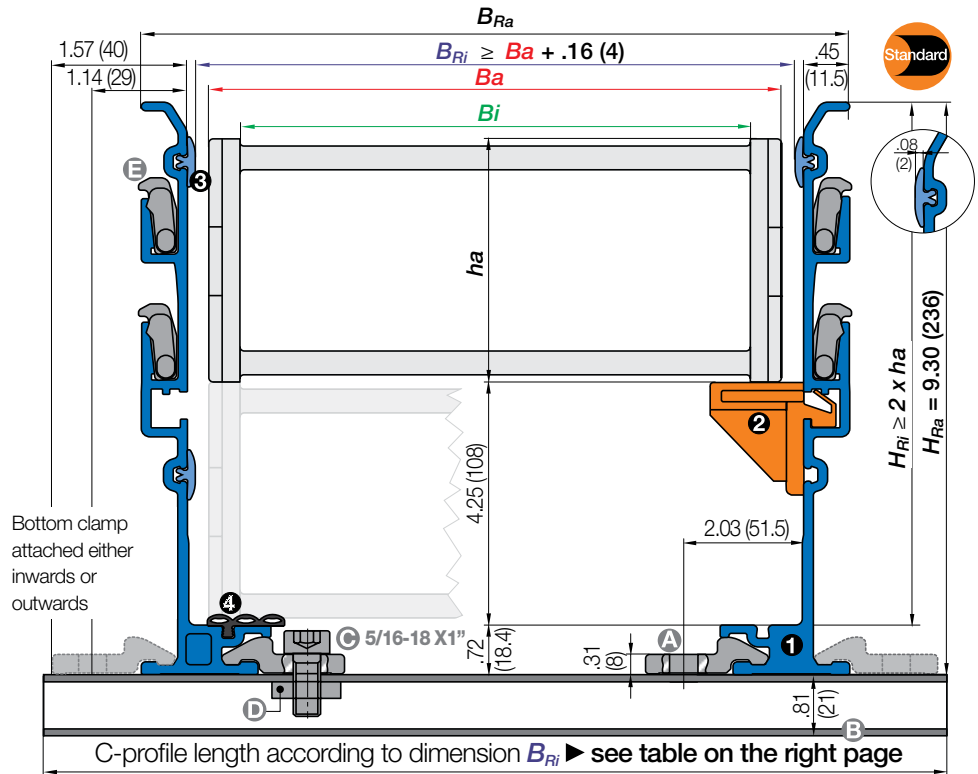
E6

● E6.80

E4/4HD**

● 5050HD/9850HD

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



Full sets	Full trough side part sets ① ② ③ ④ 6.56ft (2m) pieces each)	Part No.	Weight
	1 set of 2 trough side parts, incl. glide strips, without glide bars	975.30.SLA ¹⁾	≈ 30.86 lbs
	1 set of 2 trough side parts, incl. glide strips, with high-speed glide bars	975.31.SLH ²⁾	≈ 33.95 lbs
	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 sets	Full installation set A B C D E	Part No.	Weight
	1 installation set without C-profile	960.50	≈ .18 lbs
	1 installation set with C-profile (C-profile length according to dimension B_{Ri})	960.50.XXX ³⁾	upon request
Full sets	3) Please add the C-profile length XXX as shown on the tables (right side). Example: 960.50.250		

Individual parts	Components as individual parts, trough	Part No.	Weight
	① 1 trough side part, 6.56ft (2m) section	75.11	≈ 15.3 lbs
	② 1 high-speed glide bar, 1.64ft (0.5m). More information ► page 1344	GB.31.500 ⁴⁾	≈ .40 lbs
	③ 1 glide strip, plastic, 6.56ft (2m) section	75.01	≈ .13 lbs
	④ 1 noise dampening strip, 2m section	75.68.H.2000	≈ .84 lbs
Individual parts	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, Aluminum individual	75.50	≈ .09 lbs
	B 1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.US.XXX.E ⁵⁾	≈ .60 lbs/ft
	C 1 screw 5/16-18 x 1", individual	5/16-18X1.000.SH.BO	
Individual parts	D 1 sliding nut, individual	5/16-18.SN.Z	
	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 .		

Options	Additional options for simple fastening without drilling	Part No.
	1 fixed end module set to attach the e-chain® into the Aluminum SuperTrough. More information ► page 1342	975.80 ^{A)} / 975.81 ^{B)}
	Trough clip for guiding cables on the outside of a Aluminum SuperTrough. More information ► page 1345	SLC.40.17
Options	A) - for series E4.80/H4.80/R4.80, E6.80 B) - for series 15050/15150/R19850, 15250/15350	

C-profile lengths (according to Dim. B_R) | Basic version



975.30.SL
975.31.SLH

Bottom clamp attached either inwards or outwards

E4Q.82/H4Q.82				E4.80/H4.80/R4.80				15050/15150/R19850				15250/15350				E6.80			
Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards	Width index	B_R in. (mm)	Part No. attached inwards	Part No. attached outwards
.100	6.06 (154)	960.50.225	960.50.275	.05	4.09 (104)	upon request	960.50.225	.05	3.31 (84)	upon request	960.50.200	.05	3.31 (84)	upon request	960.50.200	.05	4.09 (104)	upon request	960.50.225
.112	6.57 (167)	960.50.225	960.50.300	.06	4.69 (119)	upon request	960.50.250	.06	3.90 (99)	upon request	960.50.225	.06	4.02 (102)	upon request	960.50.225	.06	4.69 (119)	upon request	960.50.225
.125	7.05 (179)	960.50.250	960.50.300	.07	5.08 (129)	upon request	960.50.250	.07	4.29 (109)	upon request	960.50.225	.07	4.29 (109)	upon request	960.50.225	.07	5.08 (129)	upon request	960.50.250
.137	7.56 (192)	960.50.250	960.50.325	.08	5.55 (141)	960.50.200	960.50.275	.08	4.76 (121)	upon request	960.50.250	.087	4.76 (121)	upon request	960.50.250	.10	6.06 (154)	960.50.200	960.50.275
.150	8.03 (204)	960.50.275	960.50.325	.10	6.06 (154)	960.50.225	960.50.275	.10	5.28 (134)	upon request	960.50.250	.09	5.16 (131)	upon request	960.50.250	.11	6.54 (166)	960.50.225	960.50.275
.162	8.54 (217)	960.50.275	960.50.350	.11	6.57 (167)	960.50.225	960.50.300	.11	5.75 (146)	960.50.200	960.50.275	.10	5.28 (134)	upon request	960.50.250	.12	7.05 (179)	960.50.225	960.50.300
.175	9.02 (229)	960.50.300	960.50.350	.12	7.05 (179)	960.50.250	960.50.300	.12	6.26 (159)	960.50.225	960.50.275	.11	5.59 (142)	960.50.200	960.50.250	.13	7.52 (191)	960.50.250	960.50.300
.187	9.53 (242)	960.50.300	960.50.375	.13	7.56 (192)	960.50.250	960.50.325	.13	6.73 (171)	960.50.225	960.50.300	.112	5.79 (147)	960.50.200	960.50.275	.15	8.03 (204)	960.50.250	960.50.325
.200	10.00 (254)	960.50.325	960.50.375	.15	8.03 (204)	960.50.275	960.50.325	.15	7.24 (184)	960.50.250	960.50.300	.12	6.26 (159)	960.50.225	960.50.275	.16	8.50 (216)	960.50.275	960.50.325
.212	10.51 (267)	960.50.325	960.50.400	.16	8.54 (217)	960.50.275	960.50.350	.16	7.72 (196)	960.50.250	960.50.325	.137	6.73 (171)	960.50.225	960.50.300	.17	9.02 (229)	960.50.275	960.50.350
.225	10.98 (279)	960.50.350	960.50.400	.17	9.02 (229)	960.50.300	960.50.350	.17	8.23 (209)	960.50.275	960.50.325	.15	7.24 (184)	960.50.250	960.50.300	.18	9.49 (241)	960.50.300	960.50.350
.237	11.50 (292)	960.50.350	960.50.425	.18	9.53 (242)	960.50.300	960.50.375	.18	8.70 (221)	960.50.275	960.50.350	.162	7.76 (197)	960.50.250	960.50.325	.20	10.00 (254)	960.50.300	960.50.375
.250	11.97 (304)	960.50.375	960.50.425	.20	10.00 (254)	960.50.325	960.50.375	.20	9.21 (234)	960.50.300	960.50.350	.17	7.95 (202)	960.50.250	960.50.325	.21	10.47 (266)	960.50.325	960.50.375
.262	12.48 (317)	960.50.375	960.50.450	.21	10.51 (267)	960.50.325	960.50.400	.21	9.69 (246)	960.50.300	960.50.375	.18	8.23 (209)	960.50.275	960.50.325	.22	10.98 (279)	960.50.325	960.50.400
.275	12.95 (329)	960.50.400	960.50.450	.22	10.98 (279)	960.50.350	960.50.400	.22	10.20 (259)	960.50.325	960.50.375	.187	8.74 (222)	960.50.275	960.50.350	.23	11.46 (291)	960.50.350	960.50.400
.287	13.46 (342)	960.50.400	960.50.475	.23	11.50 (292)	960.50.350	960.50.425	.23	10.67 (271)	960.50.325	960.50.400	.20	9.21 (234)	960.50.300	960.50.350	.25	11.97 (304)	960.50.350	960.50.425
.300	13.94 (354)	960.50.425	960.50.475	.25	11.97 (304)	960.50.375	960.50.425	.25	11.18 (284)	960.50.350	960.50.400	.212	9.72 (247)	960.50.300	960.50.375	.26	12.44 (316)	960.50.375	960.50.425
.312	14.45 (367)	960.50.425	960.50.500	.26	12.48 (317)	960.50.375	960.50.450	.26	11.65 (296)	960.50.350	960.50.425	.23	10.20 (259)	960.50.325	960.50.375	.27	12.95 (329)	960.50.375	960.50.450
.325	14.92 (379)	960.50.450	960.50.500	.27	12.95 (329)	960.50.400	960.50.450	.27	12.17 (309)	960.50.375	960.50.425	.237	10.71 (272)	960.50.325	960.50.400	.28	13.43 (341)	960.50.400	960.50.450
.337	15.43 (392)	960.50.450	960.50.525	.28	13.46 (342)	960.50.400	960.50.475	.28	12.64 (321)	960.50.375	960.50.450	.25	11.18 (284)	960.50.350	960.50.400	.30	13.94 (354)	960.50.400	960.50.475
.350	15.91 (404)	960.50.475	960.50.525	.30	13.94 (354)	960.50.425	960.50.475	.30	13.15 (334)	960.50.400	960.50.450	.262	11.69 (297)	960.50.350	960.50.425	.31	14.41 (366)	960.50.425	960.50.475
.362	16.42 (417)	960.50.475	960.50.550	.31	14.45 (367)	960.50.425	960.50.500	.31	13.62 (346)	960.50.400	960.50.475	.28	12.17 (309)	960.50.375	960.50.425	.32	14.92 (379)	960.50.425	960.50.500
.375	16.89 (429)	960.50.500	960.50.550	.32	14.92 (379)	960.50.450	960.50.500	.32	14.13 (359)	960.50.425	960.50.475	.29	12.68 (322)	960.50.375	960.50.450	.33	15.39 (391)	960.50.450	960.50.525
.387	17.40 (442)	960.50.500	960.50.575	.33	15.43 (392)	960.50.450	960.50.525	.33	14.61 (371)	960.50.425	960.50.500	.30	13.15 (334)	960.50.400	960.50.450	.35	15.91 (404)	960.50.450	960.50.525
.400	17.87 (454)	960.50.525	960.50.575	.35	15.91 (404)	960.50.475	960.50.525	.35	15.12 (384)	960.50.450	960.50.500	.312	13.66 (347)	960.50.400	960.50.475	.36	16.38 (416)	960.50.475	960.50.525
.412	18.39 (467)	960.50.525	960.50.600	.36	16.42 (417)	960.50.475	960.50.550	.36	15.59 (396)	960.50.450	960.50.525	.325	14.13 (359)	960.50.425	960.50.475	.37	16.89 (429)	960.50.475	960.50.550
.425	18.86 (479)	960.50.550	960.50.600	.37	16.89 (429)	960.50.500	960.50.550	.37	16.10 (409)	960.50.475	960.50.525	.337	14.65 (372)	960.50.425	960.50.500	.38	17.36 (441)	960.50.500	960.50.550
.437	19.37 (492)	960.50.550	960.50.625	.38	17.40 (442)	960.50.500	960.50.575	.38	16.57 (421)	960.50.475	960.50.550	.350	15.12 (384)	960.50.450	960.50.500	.40	17.87 (454)	960.50.500	960.50.575
.450	19.84 (504)	960.50.575	960.50.625	.40	17.87 (454)	960.50.525	960.50.575	.40	17.09 (434)	960.50.500	960.50.550	.362	15.63 (397)	960.50.450	960.50.525	.41	18.35 (466)	960.50.525	960.50.575
.462	20.35 (517)	960.50.575	960.50.650	.41	18.39 (467)	960.50.525	960.50.600	.41	17.56 (446)	960.50.500	960.50.575	.375	16.10 (409)	960.50.475	960.50.525	.42	18.86 (479)	960.50.525	960.50.600
.475	20.83 (529)	960.50.600	960.50.650	.42	18.86 (479)	960.50.550	960.50.600	.42	18.07 (459)	960.50.525	960.50.575	.387	16.61 (422)	960.50.475	960.50.550	.43	19.33 (491)	960.50.550	960.50.600
.487	21.34 (542)	960.50.600	960.50.675	.43	19.37 (492)	960.50.550	960.50.625	.43	18.54 (471)	960.50.525	960.50.600	.400	17.09 (434)	960.50.500	960.50.550	.45	19.84 (504)	960.50.550	960.50.625
.500	21.81 (554)	960.50.625	960.50.675	.45	19.84 (504)	960.50.575	960.50.625	.45	19.06 (484)	960.50.550	960.50.600					.46	20.31 (516)	960.50.575	960.50.625
.512	22.32 (567)	960.50.625	960.50.700	.46	20.35 (517)	960.50.575	960.50.650	.46	19.53 (496)	960.50.550	960.50.625					.47	20.83 (529)	960.50.575	960.50.650
.525	22.80 (579)	960.50.650	960.50.700	.47	20.83 (529)	960.50.600	960.50.650	.47	20.04 (509)	960.50.575	960.50.625					.48	21.30 (541)	960.50.600	960.50.650
.537	23.31 (592)	960.50.650	960.50.725	.48	21.34 (542)	960.50.600	960.50.675	.48	20.51 (521)	960.50.575	960.50.650					.50	21.81 (554)	960.50.600	960.50.675
.550	23.78 (604)	960.50.675	960.50.725	.50	21.81 (554)	960.50.625	960.50.675	.50	21.02 (534)	960.50.600	960.50.650					.51	22.28 (566)	960.50.625	960.50.675
.562	24.25 (616)	960.50.675	960.50.725	.51	22.32 (567)	960.50.625	960.50.700	.51	21.50 (546)	960.50.600	960.50.675					.52	22.80 (579)	960.50.625	960.50.700
.575	24.76 (629)	960.50.675	960.50.750	.52	22.80 (579)	960.50.650	960.50.700	.52	22.01 (559)	960.50.625	960.50.675					.53	23.27 (591)	960.50.650	960.50.700
.587	25.24 (641)	960.50.700	960.50.750	.53	23.31 (592)	960.50.650	960.50.725	.53	22.48 (571)	960.50.625	960.50.700					.55	23.78 (604)	960.50.650	960.50.725
.600	25.75 (654)	960.50.725	960.50.775	.55	23.78 (604)	960.50.675	960.50.725	.55	22.99 (584)	960.50.650	960.50.700					.60	25.75 (654)	960.50.700	960.50.775
				.60	25.75 (654)	960.50.725	960.50.775	.60	24.96 (634)	960.50.700	960.50.750								

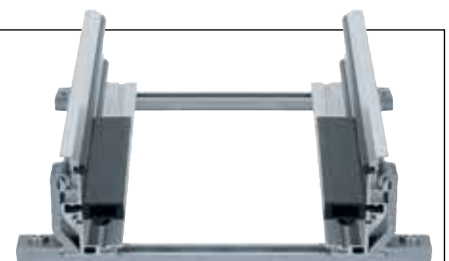


E4/4HD** - we recommend the heavy-duty version for the 4040HD/8840HD series for heavy-duty applications. You can configure it online at ► www.igus.com/guide

Heavy-duty version for high load applications

- This Aluminum 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-catalog
- Installation set Part No. 975.50.

More information ► www.igus.com/guide



3D CAD, configurators, service life calculation and more ► www.igus.com/guide





Steel guide trough

**very strong and tough for
heavy duty applications**



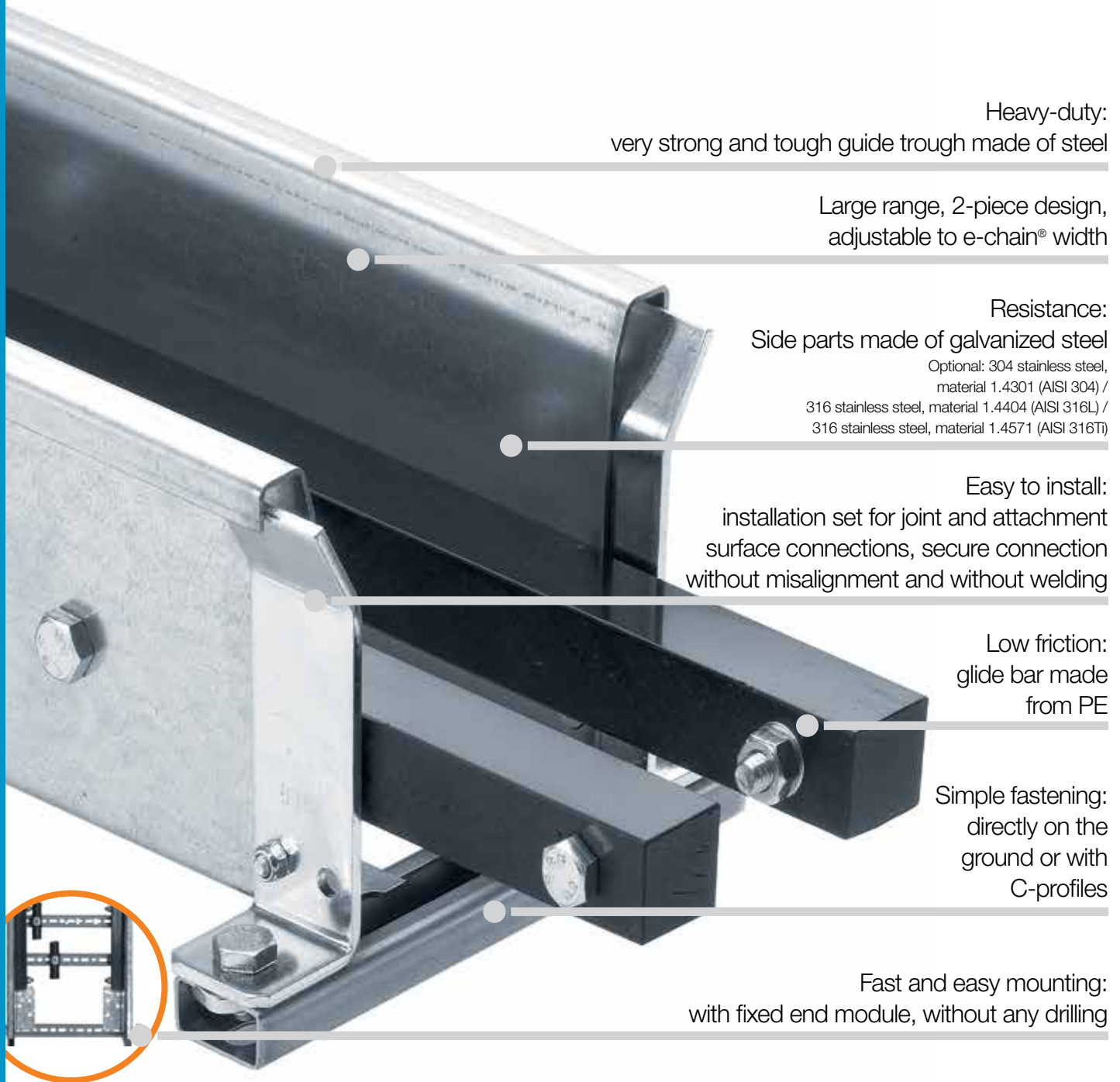
Advantages of the steel guide trough

- Very strong and tough guide trough for applications in tough environments
- Easy assembly due to installation set for joint and attachment surface connection
- Easy mounting directly to the base of the C-profile
- Large range, 2-piece design, adjustable to e-chain® width
- Available in galvanized steel and stainless steel
- Low friction: Glide bar made of PE
- Fixed end module option available, for fast and easy mounting - without any drilling
- Conductivity according to DIN EN 61537 - standard



When to use another guide trough:

- When a corrosion-resistant, seawater-resistant Aluminum trough is required,
 - ▶ **Aluminum SuperTroughs, page 1336**
- If an even simpler and faster assembly is required
 - ▶ **Aluminum SuperTrough, page 1336**
- When a 5 times more abrasion resistant glide bar is required for highly dynamic applications
 - ▶ **High-speed glide bar for some Aluminum SuperTroughs, Page 1344**



Heavy-duty:
very strong and tough guide trough made of steel

Large range, 2-piece design,
adjustable to e-chain® width

Resistance:
Side parts made of galvanized steel
Optional: 304 stainless steel,
material 1.4301 (AISI 304) /
316 stainless steel, material 1.4404 (AISI 316L) /
316 stainless steel, material 1.4571 (AISI 316Ti)

Easy to install:
installation set for joint and attachment
surface connections, secure connection
without misalignment and without welding

Low friction:
glide bar made
from PE

Simple fastening:
directly on the
ground or with
C-profiles

Fast and easy mounting:
with fixed end module, without any drilling

Very stable and tough for heavy-duty applications - steel guide trough

If the igus® installation sets are used, the guide troughs are very easy to assemble. All steel guide troughs are constructed according to the same basic principle. On the following pages, you will find information about dimensions, weights and accessories according to the trough size. On the following pages, you will find information about dimensions, weights and accessories according to the trough size. All sizes use a common C-profile on which the guide parts are assembled. The assembly brackets used vary in height only. Conductivity according to DIN EN 61537 - standard.

Part No. without glide bars	Part No. with glide bars	Outer height H_{Ra} in. (mm)	Part No. Installation set	Side part material	Page
 Steel guide trough very strong and tough for heavy-duty applications					
92.30	92.31	2.76 (70)	92.50	galvanized steel ¹⁾	1372
95.30	95.31	3.94 (100)	95.50	galvanized steel ¹⁾	1374
99.30	99.31	3.94 (100)	95.50	galvanized steel ¹⁾	1376
97.30	97.31	5.12 (130)	93.50	galvanized steel ¹⁾	1378
93.30	93.31	5.12 (130)	93.50	galvanized steel ¹⁾	1380
94.30	94.31	6.69 (170)	94.50	galvanized steel ¹⁾	1382
94.14550.30	94.14550.31	6.69 (170)	94.50	galvanized steel ¹⁾	1384
96.30	96.31	8.66 (220)	96.50	galvanized steel ¹⁾	1386
98.30	98.31	11.81 (300)	98.50	galvanized steel ¹⁾	1388
90.30	90.31	18.90 (480)	90.50	galvanized steel ¹⁾	1390
91.10 - 91.71 ²⁾		1.89 (48)	—	galvanized steel ¹⁾	1371

1) Optional: 304 stainless steel, material 1.4301 (AISI 304) / 316 stainless steel, material 1.4404 (AISI 316L) / 316 stainless steel, material 1.4571 (AISI 316Ti)

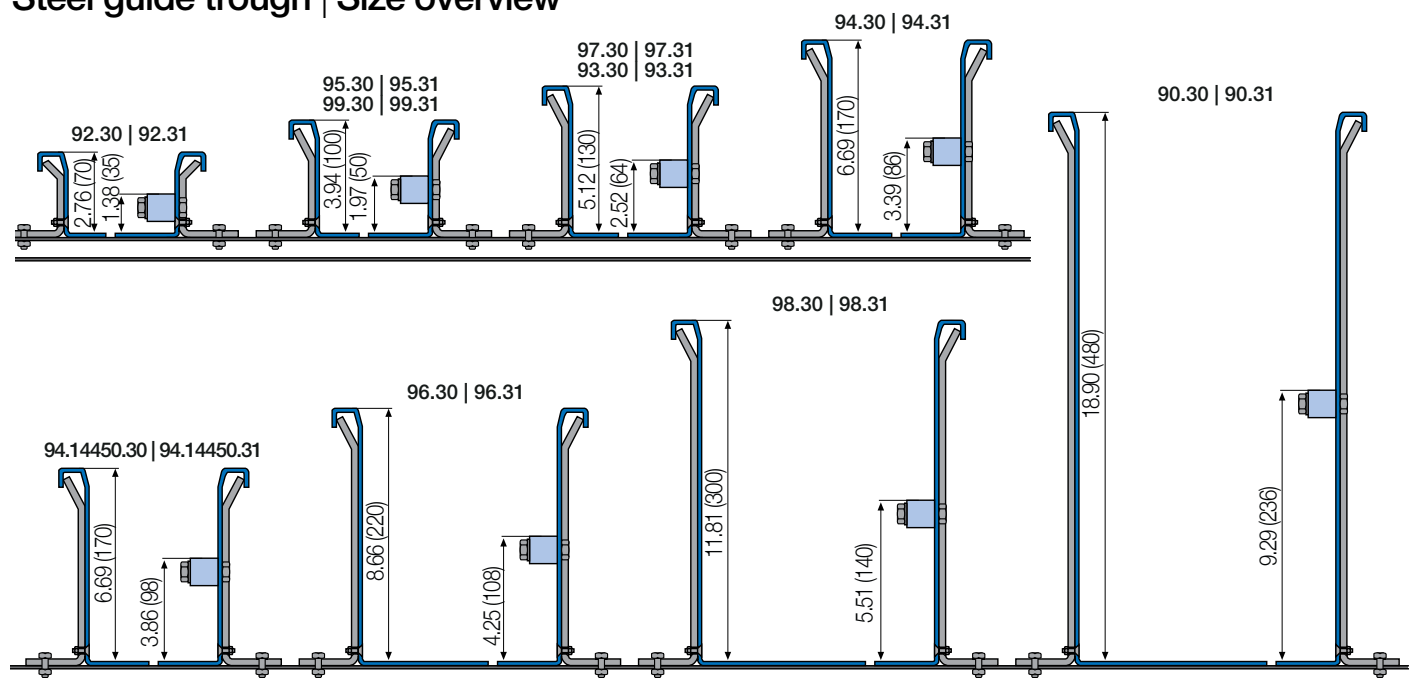
2) Steel guide trough, 1 piece. Only for series 10, 15 and B15



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

*Average time before the ordered goods are dispatched.

Steel guide trough | Size overview



Steel guide trough | Individual parts

Components

- = Guide trough¹⁾
- = glide bar
- = Installation set
- = C-profile²⁾

Ba = Outer e-chain® width

Bi = Inner e-chain® width

ha = e-chain® outer height

H_{Ri} = Trough inner height

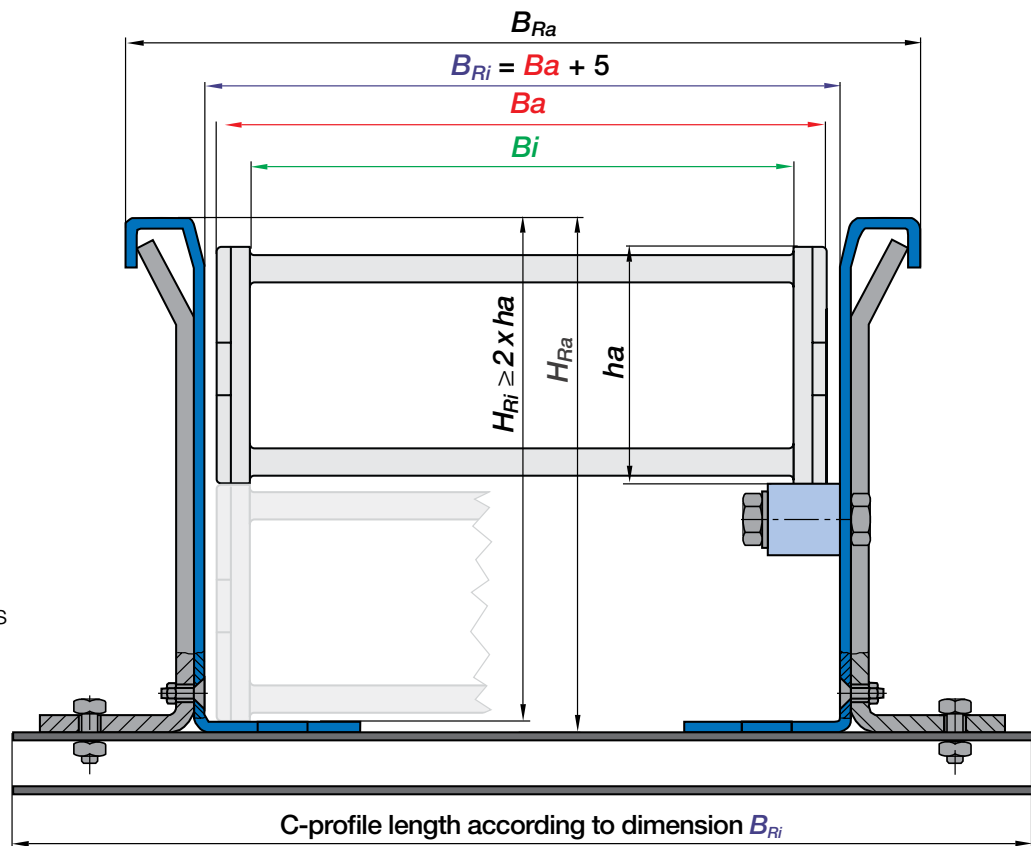
H_{Ra} = Trough outer height

B_{Ri} = Trough inner width

B_{Ra} = Trough outer width

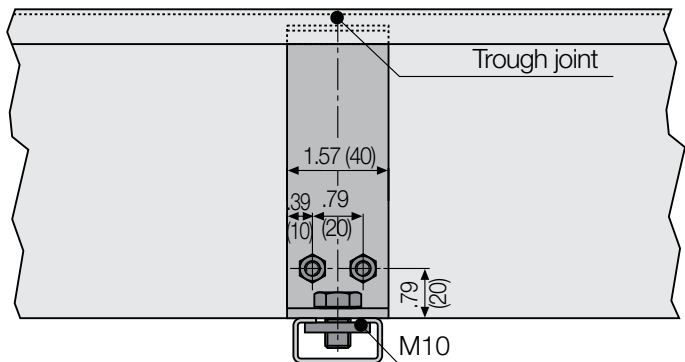
n_{Mon} = Number of installation sets
(left/right)

n_{Ri} = Number of trough
sets (left/right)

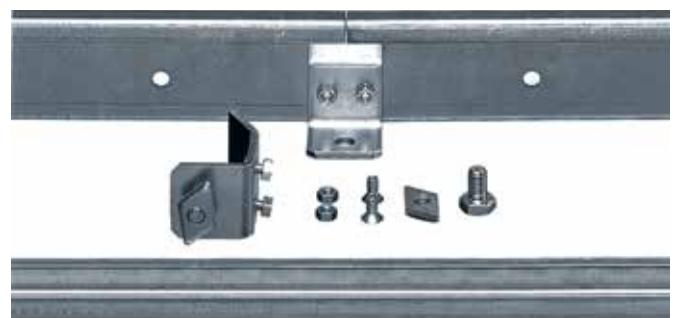


1) Guide trough side parts made from galvanised steel. Optional: 304 stainless steel, material 1.4301 (AISI 304) / 316 stainless steel, material 1.4404 (AISI 316L) / 316 stainless steel, material 1.4571 (AISI 316Ti) 2) C-profile also available in 304 stainless steel. Material 1.4301 (AISI 304)

Steel guide trough | Features



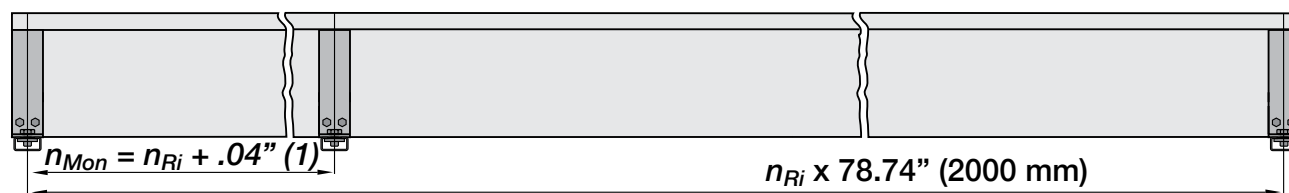
Side view of trough joint - steel guide troughs - all dimensions except for height apply to all sizes



Quickly and easily assemble the right steel guide trough 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: 78.74" (2,000mm)). For center infeed, the length of the guide trough is calculated from half the travel length with and half the travel length without the glide bar
- Number and type of the installation set

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.com/installation-guide-pdf

Order example | Examples based on Part No. 94.30 | 94.31



Order example: length of travel (30m) -

center mounted for series E4.56.20.300.0 with $B_{Ri} = 239$

1 set of 2 trough side parts, incl. glide strips, **without** glide bars

Order text: 16m guide trough **without** glide bars (8 sets of 2 off 6.56 ft (2m) sections)

94.30

1 set of 2 trough side parts, incl. glide strips, **with** glide bars

Order text: 16m guide trough **with** glide bars (8 sets of 2 off 6.56 ft (2m) sections)

94.31

Installation set basic complete (quantity: guide trough sets + 1)

Order text: 17 installation sets

94.50.350

Fixed end module

Order text: 1 set

94.80.01



Calculation - travel center fixed: half travel length, rounded to full 6.56 ft (2m) sections = X m.

Guide trough length **without** glide bars + X m guide trough length **with** glide bars + installation sets (number of trough sections + 1)

Steel guide trough | Fixed end module

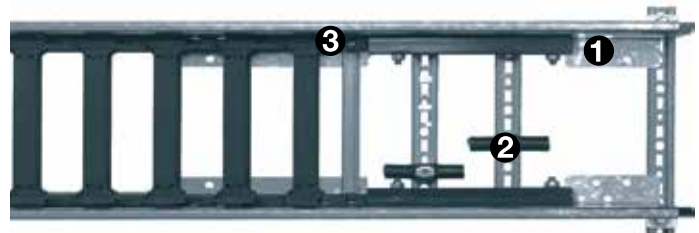
Quick and simple fastening onto the steel guide trough



When installing the mounting brackets at the fixed end, the steel trough normally needs to be drilled to match the mounting bracket hole pattern. This is history. With the new fixed end module, the holes are prefabricated so that the 78.7" (2,000 mm) long component can be used for center-fed, end-fed and even for reverse-fed applications.

- ❶ Fast fixation of igus® mounting brackets thanks to prefabricated boreholes
- ❷ Fast installation of C-profile for strain relief
- ❸ Fast bolting of glide bars

Industries: power plants, coal conveyors, mining, composting plants, raw material storage, gypsum plants, etc.



Series	For steel guide troughs	For e-chain® series
Part No.		
90.80.01*	90.30 90.31	800, 840
92.80.01	92.30 92.31	E2.26, 2500, 255, E6.29/R6.29
93.80.01	93.30 93.31	E4.48L/R4.48L, E4Q.44/H4Q.44, E2.48, 3500, R68, E4.42/H4.42/R4.42, E6.52/R6.52
94.80.01	94.30 94.31	E4.64L, E4Q.58/H4Q.58, E4.56/H4.56/R4.56, 14040/14140/R18840, 14240/14340, E6.62, 4040HD/8840HD
95.80.01	95.30 95.31	E2.38, 2700
96.80.01	96.30 96.31	E4Q.82/H4Q.82, E4.80/H4.80/R4.80, 15050/15150/R19850, E6.80, 5050HD/9850HD
97.80.01	97.30 97.31	E4.38L/R4.38L, E4Q.34/H4Q.34, E4.32/H4.32/R4.32, E6.40/R6.40
98.80.01	98.30 98.31	E4.112/R4.112, 1640/R1608
99.80.01	99.30 99.31	E4.31L/R4.31L, E4.28/R4.28, E6.35
94.14550.80.01*	94.14550.30 94.14550.31	14550/14650/R19050

*Fixed end module available upon request. Please consult igus® for delivery time.



Fixed end module - length 78.7 in. (2000 mm)



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

*Average time before the ordered goods are dispatched.

Steel guide trough | One-piece, U-shaped

Special solution for series 10, B15 and 15



For the following
igus® series

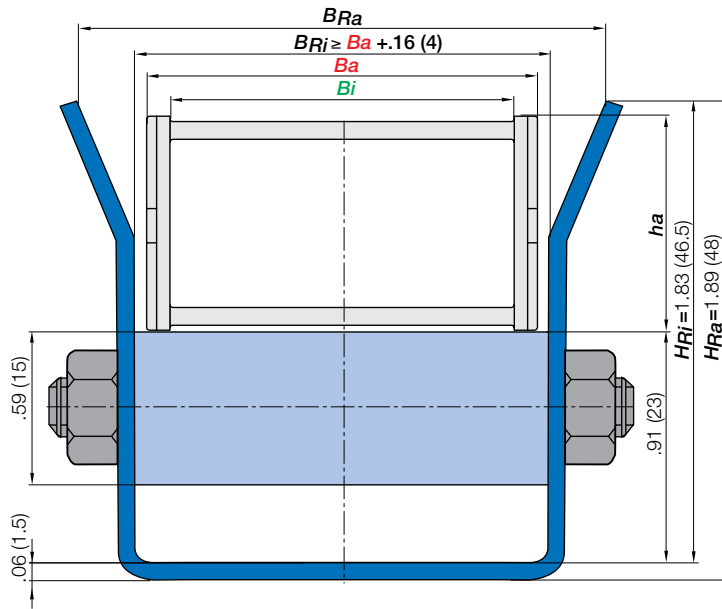
E2 mini

● 10

● B15

zipper

● 15



Components

- = Guide trough
- = glide bar
- = Fastening screws

B_a = Outer e-chain® width

B_i = Inner e-chain® width

h_a = e-chain® outer height

H_{Ri} = Trough inner height

H_{Ra} = Trough outer height

B_{Ri} = Trough inner width

B_{Ra} = Trough outer width

For series 10, 15 and B15 one-piece, U-shaped steel guide troughs are available. They have a continuous glide bar for the gliding section of the trough. The guide troughs for the e-chains® with an outer width up to 3.94" (100mm) are available from stock. For wider e-chains® special solutions are possible. For these trough sizes no installation sets are necessary as the guide troughs are made of a single U-profile. The solution for the trough joint is specific for any application. (material: galvanized steel)

Series Part No.	For e-chain® series	B_{Ra} in. (mm)	B_{Ri} in. (mm)	Weight lbs/ft (kg/m)
91.10 Trough without glide bar, 6.56 ft (2m) section	10.015 / 15.015 / B15.015	1.59 (40.5)	1.18 (30)	≈ 1.01 (1.50)
91.11 Trough with glide bar, 6.56 ft (2m) section	10.015 / 15.015 / B15.015	1.59 (40.5)	1.18 (30)	≈ 1.41 (2.10)
91.20 Trough without glide bar, 6.56 ft (2m) section	10.025 / 15.025 / B15.025	1.99 (50.5)	1.57 (40)	≈ 1.11 (1.65)
91.21 Trough with glide bar, 6.56 ft (2m) section	10.025 / 15.025 / B15.025	1.99 (50.5)	1.57 (40)	≈ 1.58 (2.35)
91.30 Trough without glide bar, 6.56 ft (2m) section	10.038 / 15.038 / B15.038	2.46 (62.5)	2.05 (52)	≈ 1.21 (1.80)
91.31 Trough with glide bar, 6.56 ft (2m) section	10.038 / 15.038 / B15.038	2.46 (62.5)	2.05 (52)	≈ 1.81 (2.70)
91.40 Trough without glide bar, 6.56 ft (2m) section	10.050 / 15.050 / B15.050	2.85 (72.5)	2.44 (62)	≈ 1.28 (1.90)
91.41 Trough with glide bar, 6.56 ft (2m) section	10.050 / 15.050 / B15.050	2.85 (72.5)	2.44 (62)	≈ 2.12 (3.15)
91.50 Trough without glide bar, 6.56 ft (2m) section	10.5 / 15.5 / B15.5	3.52 (89.5)	3.11 (79)	≈ 1.45 (2.15)
91.51 Trough with glide bar, 6.56 ft (2m) section	10.5 / 15.5 / B15.5	3.52 (89.5)	3.11 (79)	≈ 2.89 (4.30)
91.60 Trough without glide bar, 6.56 ft (2m) section	10.6 / 15.6 / B15.6	4.19 (106.5)	3.78 (96)	≈ 1.61 (2.40)
91.61 Trough with glide bar, 6.56 ft (2m) section	10.6 / 15.6 / B15.6	4.19 (106.5)	3.78 (96)	≈ 3.09 (4.60)
91.70 Trough without glide bar, 6.56 ft (2m) section	10.7 / 15.7 / B15.7	4.98 (126.5)	4.57 (116)	≈ 1.88 (2.80)
91.71 Trough with glide bar, 6.56 ft (2m) section	10.7 / 15.7 / B15.7	4.98 (126.5)	4.57 (116)	≈ 3.50 (5.20)



For the following
igus® series

E2.1

● E2.26

E2/000

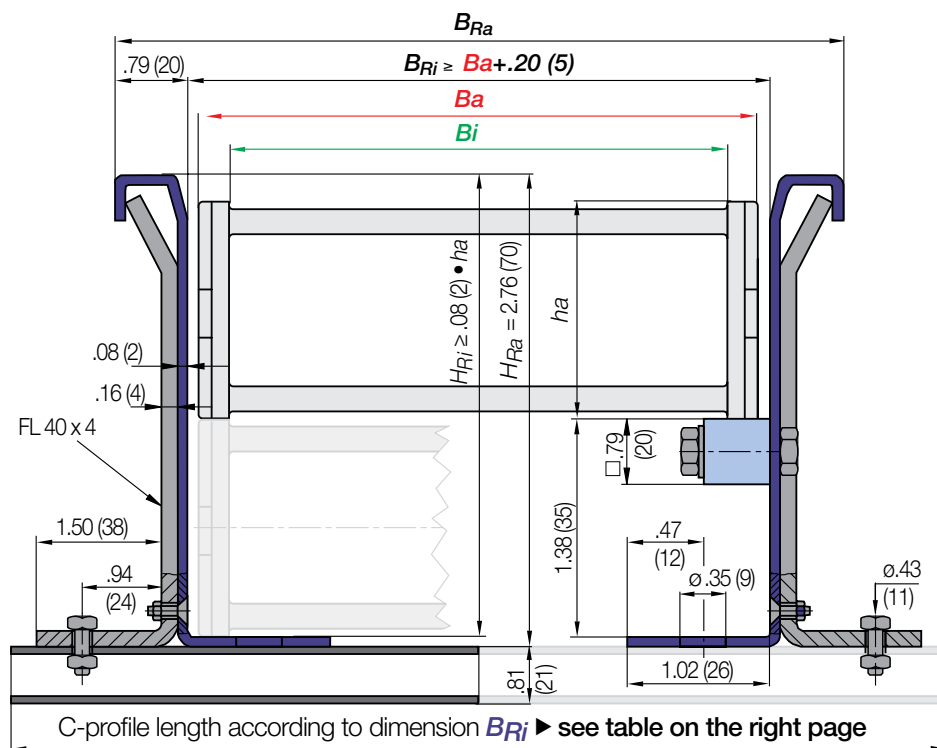
● 2500

● 255

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 sets****Full trough side part sets (2m pieces each) Part No.**1 set of 2 trough side parts, **without** glide bars, 2m section**Part No.**92.30.E⁽¹⁾ / E44⁽²⁾ / E45⁽³⁾**Weight**

≈ 16.76 lbs

1 set of 2 trough side parts, **with** glide bars, 2m section, galvanized steel92.31.E⁽¹⁾ / E44⁽²⁾ / E45⁽³⁾

≈ 21.16 lbs

Full installation set**Part No.**1 installation set **without** C-profile

92.50

≈ .75 lbs

1 installation set **with** C-profile (C-profile length according to dimension B_{Ri})

92.50.XXX*

upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.50.200

Individual parts and options**Components as individual parts, trough****Part No.****Weight**

1 trough side part, 6.56 ft (2m) section

92.11.E⁽¹⁾ / E44⁽²⁾ / E45⁽³⁾

≈ 8.38 lbs

1 glide bar, 6.56 ft (2m) section

92.01

≈ 1.65 lbs

1 glide bar, 6.56 ft (2m) section + 11 screw sets

92.20

≈ 2.16 lbs

1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)

92.21

≈ .57 lbs

Components as individual parts, installation set**Part No.****Weight**

1 clamping bracket, individual

92.51

.27 lbs

1 countersunk-head screw, individual

M6X1.00X20.D7991.Z

1 hexagon nut, individual

M6X1.00.D985.Z

1 hexagon-head screw, individual

3/8-16X0.750.HH.Z

1 sliding nut, individual

3/8-16.SN.Z

1 C-profile, individual (C-profile length according to dimension B_{Ri})92.52.XXX.E⁽¹⁾

≈ .60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling**Part No.****Weight**

1 set fixed end module. (more information ► Page 1342)

92.80.01*

≈ 16.76 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.52.200.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index **E** to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index **E44** to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index **E45** to the Part No.

Steel guide trough | C-profile lengths



92.30
92.31

C-profile length according to dimension B_{Ri}

E2.26			2500			255			E6.29/R6.29		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.025	1.85 (47)	upon request	.02	1.81 (46)	upon request	.03	2.32 (59)	upon request	.030	2.01 (51)	upon request
.038	2.36 (60)	upon request	.03	2.32 (59)	upon request	.05	3.07 (78)	92.50.200	.040	2.40 (61)	upon request
.057	3.11 (79)	92.50.200	.05	3.07 (78)	92.50.200	.07	3.86 (98)	92.50.225	.050	2.80 (71)	92.50.200
.077	3.90 (99)	92.50.225	.07	3.86 (98)	92.50.225	.10	4.88 (124)	92.50.250	.060	3.19 (81)	92.50.200
.089	4.37 (111)	92.50.225	.09	4.33 (110)	92.50.225				.070	3.58 (91)	92.50.200
.103	4.92 (125)	92.50.250	.10	4.88 (124)	92.50.250				.080	3.98 (101)	92.50.225
.125	5.79 (147)	92.50.275	.12	5.75 (146)	92.50.275				.090	4.37 (111)	92.50.225
									.100	4.76 (121)	92.50.250
									.110	5.16 (131)	92.50.250
									.120	5.55 (141)	92.50.250



igus® steel guide trough in use



For the following
igus® series

E2.1

● E2.38

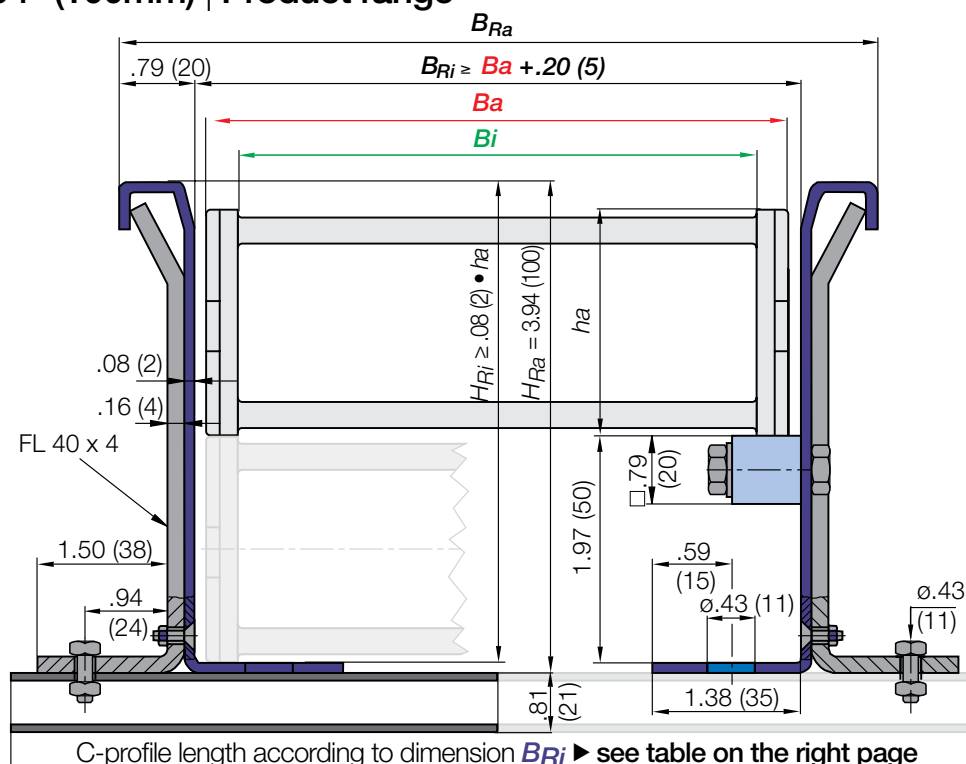
● E2/000

● 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.



Full sets

Full trough side part sets 6.56 ft (2m) pieces each

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	95.30 ^{E1)} / E44 ²⁾ / E45 ³⁾	22.05 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	95.31 ^{E1)} / E44 ²⁾ / E45 ³⁾	26.46 lbs

Full installation set

	Part No.	Weight
1 installation set without C-profile	95.50	.90 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	95.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 95.50.200

Individual parts and options

Components as individual parts, trough

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	95.11 ^{E1)} / E44 ²⁾ / E45 ³⁾	11.02 lbs
1 glide bar, 6.56 ft (2m) section	92.01	1.65 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	92.20	2.16 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	92.21	.51 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	95.51	.35 lbs
1 countersunk-head screw, individual	M6X1.00X20.D7991.Z	
1 hexagon nut, individual	M6X1.00.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX ^{E1)}	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ► Page) 1342	95.80.01	22.05 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 95.52.200.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index **E** to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index **E44** to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index **E45** to the Part No.

Steel guide trough | C-profile lengths



95.30
95.31

C-profile length according to dimension B_{Ri}

E2.38			2700			R58		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.50	2.83 (72)	95.50.200	.05	2.80 (71)	95.50.200	.050	2.80 (71)	95.50.200
.65	3.43 (87)	95.50.200	.06	3.39 (86)	95.50.200	.075	3.78 (96)	95.50.225
.75	3.82 (97)	95.50.225	.07	3.78 (96)	95.50.225	.100	4.76 (121)	95.50.250
.90	4.41 (112)	95.50.225	.09	4.37 (111)	95.50.225	.125	5.75 (146)	95.50.275
.100	4.80 (122)	95.50.250	.10	4.76 (121)	95.50.250	.150	6.73 (171)	95.50.300
.125	5.79 (147)	95.50.275	.12	5.75 (146)	95.50.275	.175	7.72 (196)	95.50.325
.150	6.77 (172)	95.50.300	.15	6.73 (171)	95.50.300	.200	8.70 (221)	95.50.350
.175	7.87 (200)	95.50.325	.17	7.83 (199)	95.50.325			



igus® steel guide trough used in a storage and retrieval equipment with series E2/000 and chainflex® cables

For the following
igus® series**E4.1L**

● E4.31L/R4.31L

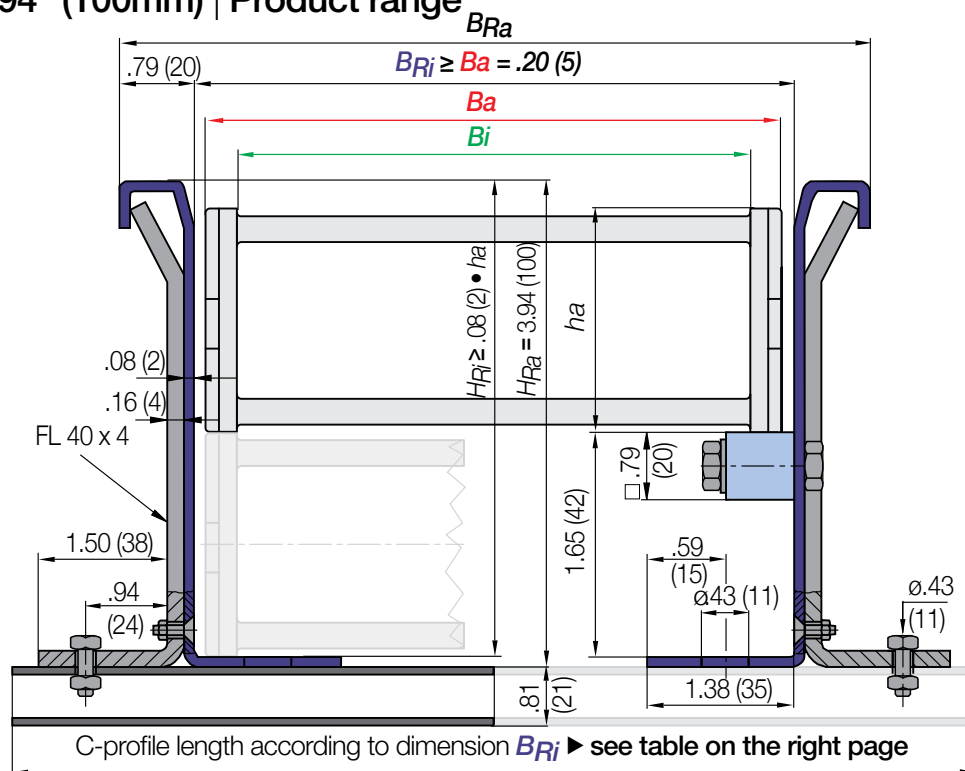
E4.1

● 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 sets****Full trough side part sets 6.56 ft (2m) pieces each**

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	99.30.E ¹⁾ / E44 ²⁾ / E45 ³⁾	22.05 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	99.31.E ¹⁾ / E44 ²⁾ / E45 ³⁾	26.46 lbs

Full installation set

	Part No.	
1 installation set without C-profile	95.50	.90 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	95.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 95.50.200

Individual parts and options**Components as individual parts, trough**

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	99.11.E ¹⁾ / E44 ²⁾ / E45 ³⁾	11.02 lbs
1 glide bar, 6.56 ft (2m) section	92.01	1.65 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	92.20	2.16 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	92.21	.51 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	95.51	.35 lbs
1 countersunk-head screw, individual	M6X1.00X20.D7991.Z	
1 hexagon nut, individual	M6X1.00.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ¹⁾	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ► Page 1342)	99.80.01	22.05 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.52.200.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index **E** to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index **E44** to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index **E45** to the Part No.

C-profile length according to dimension B_{Ri}

E4.31L/R4.31L			E4.28/R4.28			E6.35		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.040	2.32 (59)	upon request	.040	2.56 (65)	upon request	.030	2.17 (55)	upon request
.050	2.72 (69)	upon request	.050	2.95 (75)	95.50.200	.040	2.56 (65)	upon request
.062	3.19 (81)	95.50.200	.062	3.43 (87)	95.50.200	.050	2.95 (75)	95.50.200
.075	3.70 (94)	95.50.200	.070	3.74 (95)	95.50.200	.060	3.35 (85)	95.50.200
.087	4.17 (106)	95.50.225	.075	3.94 (100)	95.50.225	.070	3.74 (95)	95.50.200
.100	4.69 (119)	95.50.225	.087	4.41 (112)	95.50.225	.080	4.13 (105)	95.50.225
.112	5.16 (131)	95.50.250	.100	4.92 (125)	95.50.250	.090	4.53 (115)	95.50.225
.125	5.67 (144)	95.50.250	.125	5.91 (150)	95.50.275	.100	4.92 (125)	95.50.250
.137	6.14 (156)	95.50.275	.150	6.89 (175)	95.50.300	.110	5.31 (135)	95.50.250
.150	6.65 (169)	95.50.275	.175	7.87 (200)	95.50.325	.120	5.71 (145)	95.50.250
.162	7.13 (181)	95.50.300	.200	8.86 (225)	95.50.350			
.175	7.64 (194)	95.50.300	.225	9.84 (250)	95.50.375			
.187	8.11 (206)	95.50.325	.250	10.83 (275)	95.50.400			
.200	8.62 (219)	95.50.325	.275	11.81 (300)	95.50.425			
			.300	12.80 (325)	95.50.450			



Light weight and high strength: igus® polymer e-chain® carries rigid hydraulic hoses



For the following
igus® series

E4.1L

● E4.38L/R4.38L

E4Q

● E4Q.34/H4Q.34

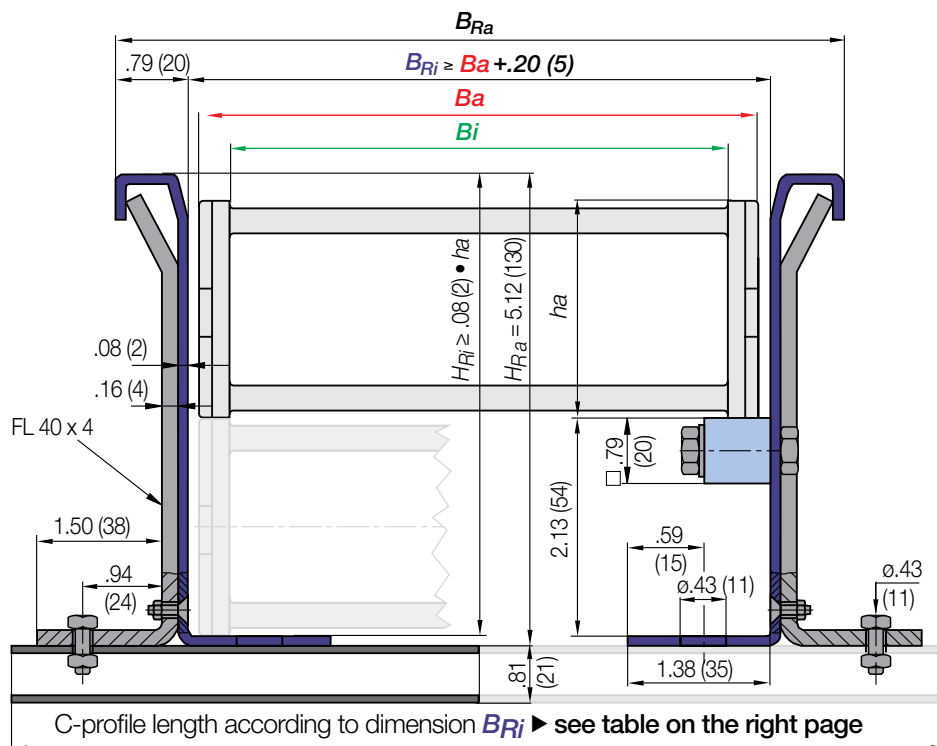
E4.1

● 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 sets****Full trough side part sets 6.56 ft (2m) pieces each**

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	97.30.E ¹⁾ / E44 ²⁾ / E45 ³⁾	26.02 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	97.31.E ¹⁾ / E44 ²⁾ / E45 ³⁾	30.00 lbs

Full installation set

	Part No.	Weight
1 installation set without C-profile	93.50	1.08 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	93.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 93.50.350

Individual parts and options**Components as individual parts, trough**

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	97.11.E ¹⁾ / E44 ²⁾ / E45 ³⁾	13.01 lbs
1 glide bar, 6.56 ft (2m) section	92.01	1.65 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	92.20	2.16 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	92.21	.51 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	93.51	.44 lbs
1 countersunk-head screw, individual	M6X1.00X20.D7991.Z	
1 hexagon nut, individual	M6X1.00.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ¹⁾	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ► Page 1342)	97.80.01	26.02 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.52.350.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index E to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index E44 to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index E45 to the Part No.

C-profile length according to dimension B_{Ri}

E4.38L/R4.38L			E4Q.34/H4Q.34			E4.32/H4.32/R4.32			E6.40/R6.40		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.050	2.80 (71)	93.50.200	.075	4.06 (103)	93.50.225	.05	3.07 (78)	93.50.200	.040	2.56 (65)	upon request
.062	3.27 (83)	93.50.200	.087	4.53 (115)	93.50.225	.06	3.78 (96)	93.50.225	.050	2.95 (75)	93.50.200
.075	3.78 (96)	93.50.225	.100	5.04 (128)	93.50.250	.07	4.06 (103)	93.50.225	.062	3.43 (87)	93.50.200
.087	4.25 (108)	93.50.225	.108	5.35 (136)	93.50.250	.087	4.53 (115)	93.50.225	.070	3.74 (95)	93.50.225
.100	4.76 (121)	93.50.250	.112	5.55 (141)	93.50.250	.10	5.04 (128)	93.50.250	.075	3.94 (100)	93.50.225
.105	4.96 (126)	93.50.250	.125	6.02 (153)	93.50.275	.11	5.35 (136)	93.50.250	.087	4.41 (112)	93.50.225
.112	5.24 (133)	93.50.250	.137	6.54 (166)	93.50.275	.112	5.55 (141)	93.50.250	.100	4.92 (125)	93.50.250
.125	5.75 (146)	93.50.275	.150	7.01 (178)	93.50.300	.12	6.02 (153)	93.50.275	.125	5.91 (150)	93.50.275
.137	6.22 (158)	93.50.275	.162	7.52 (191)	93.50.300	.137	6.54 (166)	93.50.275	.150	6.89 (175)	93.50.300
.150	6.73 (171)	93.50.300	.168	7.72 (196)	93.50.325	.15	7.01 (178)	93.50.300	.175	7.87 (200)	93.50.325
.162	7.20 (183)	93.50.300	.175	7.99 (203)	93.50.325	.162	7.52 (191)	93.50.300	.200	8.86 (225)	93.50.350
.175	7.72 (196)	93.50.325	.187	8.50 (216)	93.50.325	.17	7.72 (196)	93.50.325	.225	9.84 (250)	93.50.375
.187	8.19 (208)	93.50.325	.200	8.98 (228)	93.50.350	.18	7.99 (203)	93.50.325	.250	10.83 (275)	93.50.400
.200	8.70 (221)	93.50.350	.212	9.49 (241)	93.50.350	.187	8.50 (216)	93.50.325	.275	11.81 (300)	93.50.425
.212	9.17 (233)	93.50.350	.225	9.96 (253)	93.50.375	.20	8.98 (228)	93.50.350	.300	12.80 (325)	93.50.450
.225	9.69 (246)	93.50.375	.237	10.47 (266)	93.50.375	.212	9.49 (241)	93.50.350			
.237	10.16 (258)	93.50.375	.250	10.94 (278)	93.50.400	.23	9.96 (253)	93.50.375			
.250	10.67 (271)	93.50.400	.262	11.46 (291)	93.50.400	.237	10.47 (266)	93.50.375			
.262	11.14 (283)	93.50.400	.275	11.93 (303)	93.50.425	.25	10.94 (278)	93.50.400			
.275	11.65 (296)	93.50.425	.287	12.44 (316)	93.50.425	.262	11.46 (291)	93.50.400			
.287	12.13 (308)	93.50.425	.300	12.91 (328)	93.50.450	.28	11.93 (303)	93.50.425			
.300	12.64 (321)	93.50.450	.312	13.43 (341)	93.50.450	.29	12.44 (316)	93.50.425			
.312	13.11 (333)	93.50.450	.325	13.90 (353)	93.50.475	.30	12.91 (328)	93.50.450			
.325	13.62 (346)	93.50.475	.337	14.41 (366)	93.50.475	.312	13.43 (341)	93.50.450			
.337	14.09 (358)	93.50.475	.350	14.88 (378)	93.50.500	.325	13.90 (353)	93.50.475			
.350	14.61 (371)	93.50.500	.362	15.39 (391)	93.50.500	.337	14.41 (366)	93.50.475			
.362	15.08 (383)	93.50.500	.375	15.87 (403)	93.50.525	.350	14.88 (378)	93.50.500			
.375	15.59 (396)	93.50.525	.387	16.38 (416)	93.50.525	.362	15.39 (391)	93.50.500			
.387	16.06 (408)	93.50.525	.400	16.85 (428)	93.50.550	.375	15.87 (403)	93.50.525			
.400	16.57 (421)	93.50.550				.387	16.38 (416)	93.50.525			
						.400	16.85 (428)	93.50.550			



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

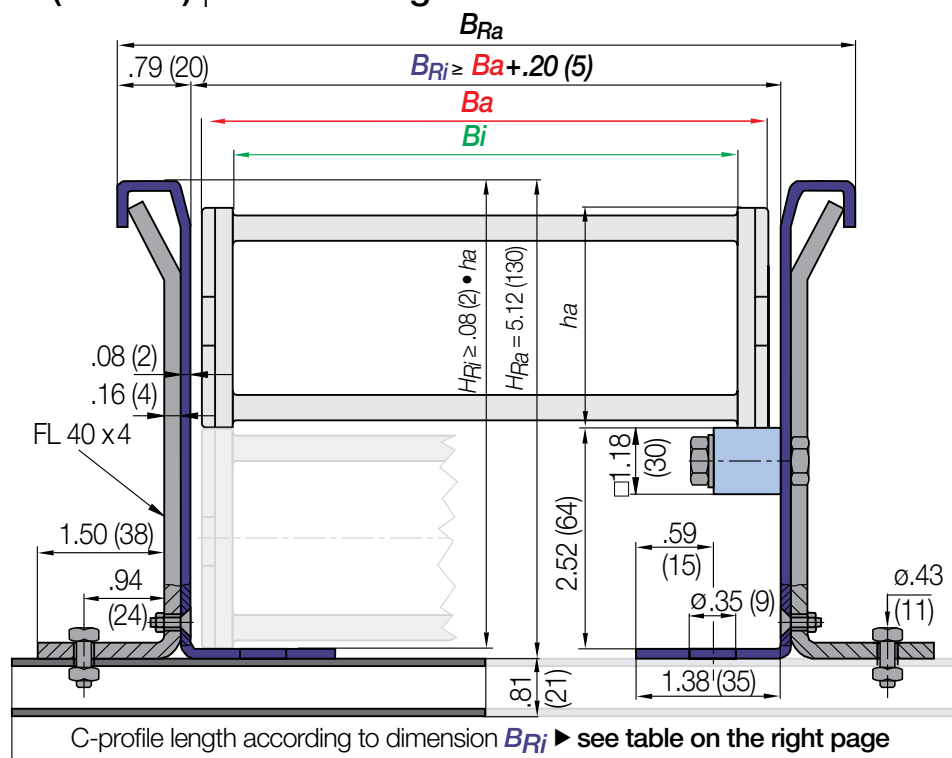
E4.1

● E4.42/H4.42/R4.42

E6

● E6.52/R6.52

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

**Full sets****Full trough side part sets 6.56 ft (2m) pieces each**

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	93.30.E ¹⁾ / E44 ²⁾ / E45 ³⁾	26.02 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	93.31.E ¹⁾ / E44 ²⁾ / E45 ³⁾	35.72 lbs

Full installation set

	Part No.	Weight
1 installation set without C-profile	93.50	1.08 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	93.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 93.50.350

Individual parts and options**Components as individual parts, trough**

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	93.11.E ¹⁾ / E44 ²⁾ / E45 ³⁾	13.01 lbs
1 glide bar, 6.56 ft (2m) section	93.01	3.70 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	93.20	4.89 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	93.21	1.19 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	93.51	.44 lbs
1 countersunk-head screw, individual	M6X1.00X20.D7991.Z	
1 hexagon nut, individual	M6X1.00.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ¹⁾	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ► Page 1342)	93.80.01	26.02 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.52.350.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index E to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index E44 to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index E45 to the Part No.

C-profile length according to dimension B_{Ri}

E2.48			3500			E4.48L/R4.48L			E4Q.44/H4Q.44			E4.42/H4.42/R4.42		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.050	3.03 (77)	93.50.200	.050	2.95 (75)	93.50.200	.050	2.95 (75)	93.50.200	.075	4.17 (106)	93.50.225	.05	3.19 (81)	93.50.200
.075	4.02 (102)	93.50.225	.075	3.94 (100)	93.50.225	.062	3.43 (87)	93.50.200	.087	4.69 (119)	93.50.250	.06	3.90 (99)	93.50.225
.100	5.00 (127)	93.50.250	.100	4.92 (125)	93.50.250	.075	3.94 (100)	93.50.225	.100	5.16 (131)	93.50.250	.07	4.17 (106)	93.50.225
.115	5.59 (142)	93.50.250	.115	5.51 (140)	93.50.250	.087	4.41 (112)	93.50.225	.108	5.47 (139)	93.50.250	.087	4.69 (119)	93.50.250
.125	5.98 (152)	93.50.275	.125	5.91 (150)	93.50.275	.100	4.92 (125)	93.50.250	.112	5.67 (144)	93.50.275	.10	5.16 (131)	93.50.250
.150	6.97 (177)	93.50.300	.150	6.89 (175)	93.50.300	.105	5.12 (130)	93.50.250	.125	6.14 (156)	93.50.275	.11	5.47 (139)	93.50.250
.175	7.95 (202)	93.50.325	.175	7.87 (200)	93.50.325	.112	5.39 (137)	93.50.250	.137	6.65 (169)	93.50.300	.112	5.67 (144)	93.50.275
.200	8.94 (227)	93.50.350	.200	8.86 (225)	93.50.350	.125	5.91 (150)	93.50.275	.150	7.13 (181)	93.50.300	.12	6.14 (156)	93.50.275
.225	9.92 (252)	93.50.375	.225	9.84 (250)	93.50.375	.137	6.38 (162)	93.50.275	.162	7.64 (194)	93.50.325	.137	6.65 (169)	93.50.300
.250	10.91 (277)	93.50.400	.250	10.83 (275)	93.50.400	.150	6.89 (175)	93.50.300	.168	7.83 (199)	93.50.325	.15	7.13 (181)	93.50.300
						.162	7.36 (187)	93.50.300	.175	8.11 (206)	93.50.325	.162	7.64 (194)	93.50.325
						.175	7.87 (200)	93.50.325	.187	8.62 (219)	93.50.350	.17	7.83 (199)	93.50.325
						.187	8.35 (212)	93.50.325	.200	9.09 (231)	93.50.350	.18	8.11 (206)	93.50.325
						.200	8.86 (225)	93.50.350	.212	9.61 (244)	93.50.375	.187	8.62 (219)	93.50.350
						.212	9.33 (237)	93.50.350	.225	10.08 (256)	93.50.375	.20	9.09 (231)	93.50.350
						.225	9.84 (250)	93.50.375	.237	10.59 (269)	93.50.400	.212	9.61 (244)	93.50.375
						.237	10.31 (262)	93.50.375	.250	11.06 (281)	93.50.400	.23	10.08 (256)	93.50.375
						.250	10.83 (275)	93.50.400	.262	11.57 (294)	93.50.425	.237	10.59 (269)	93.50.400
						.262	11.30 (287)	93.50.400	.275	12.05 (306)	93.50.425	.25	11.06 (281)	93.50.400
						.275	11.81 (300)	93.50.425	.287	12.56 (319)	93.50.450	.262	11.57 (294)	93.50.425
						.287	12.28 (312)	93.50.425	.300	13.03 (331)	93.50.450	.28	12.05 (306)	93.50.425
						.300	12.80 (325)	93.50.450	.312	13.54 (344)	93.50.475	.29	12.56 (319)	93.50.450
						.312	13.27 (337)	93.50.450	.325	14.02 (356)	93.50.475	.30	13.03 (331)	93.50.450
						.325	13.78 (350)	93.50.475	.337	14.53 (369)	93.50.500	.312	13.54 (344)	93.50.475
						.337	14.25 (362)	93.50.475	.350	15.00 (381)	93.50.500	.325	14.02 (356)	93.50.475
						.350	14.76 (375)	93.50.500	.362	15.51 (394)	93.50.525	.337	14.53 (369)	93.50.500
						.362	15.24 (387)	93.50.500	.375	16.02 (407)	93.50.525	.350	15.00 (381)	93.50.500
						.375	15.75 (400)	93.50.525	.387	16.50 (419)	93.50.550	.362	15.51 (394)	93.50.525
						.387	16.22 (412)	93.50.525	.400	16.97 (431)	93.50.550	.375	16.02 (407)	93.50.525
						.400	16.73 (425)	93.50.550				.387	16.50 (419)	93.50.550
												.400	16.97 (431)	93.50.550

R68			E6.52/R6.52		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.050	2.87 (73)	93.50.200	.040	2.72 (69)	upon request
.075	3.86 (98)	93.50.225	.050	3.11 (79)	93.50.200
.100	4.84 (123)	93.50.250	.062	3.58 (91)	93.50.200
.115	5.43 (138)	93.50.250	.070	3.90 (99)	93.50.225
.125	5.83 (148)	93.50.275	.075	4.09 (104)	93.50.225
.150	6.81 (173)	93.50.300	.087	4.57 (116)	93.50.225
.175	7.80 (198)	93.50.325	.100	5.08 (129)	93.50.250
.200	8.78 (223)	93.50.350	.125	6.06 (154)	93.50.275
.225	9.76 (248)	93.50.375	.150	7.05 (179)	93.50.300
.250	10.75 (273)	93.50.400	.175	8.03 (204)	93.50.325
			.200	9.02 (229)	93.50.350
			.225	10.00 (254)	93.50.375
			.250	10.98 (279)	93.50.400
			.275	11.97 (304)	93.50.425
			.300	12.95 (329)	93.50.450



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

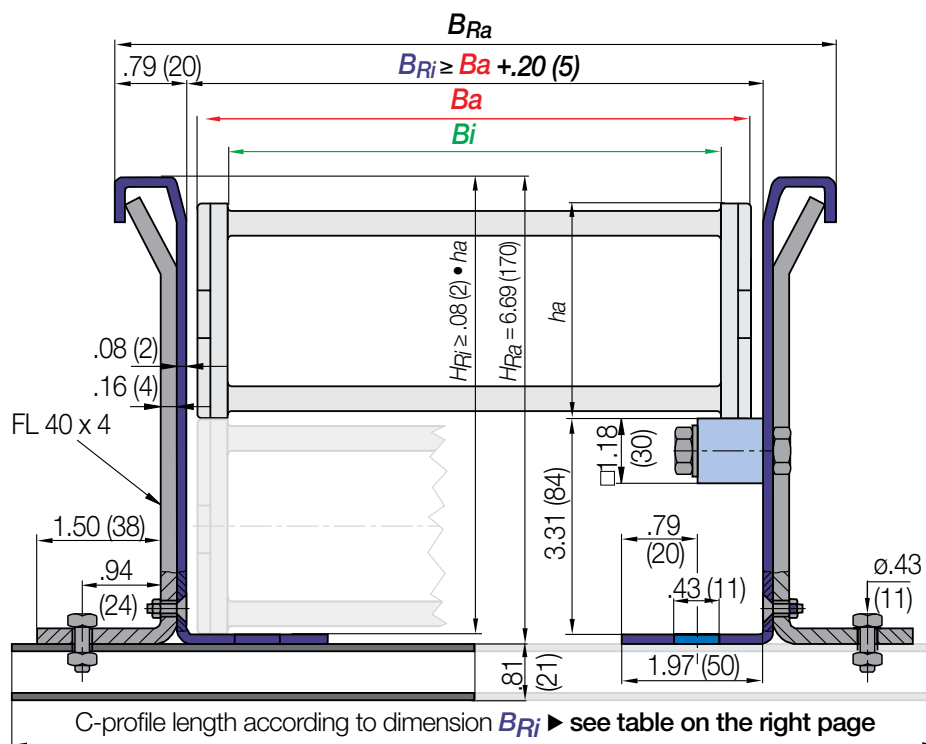
E4/4HD

● 4040HD/8840HD



Option: with reinforced mounting angles for extremely heavy-duty applications. For particularly demanding applications

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 sets****Full trough side part sets 6.56 ft (2m) pieces each**

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	94.30.E ¹⁾ / E44 ²⁾ / E45 ³⁾	32.41 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	94.31.E ¹⁾ / E44 ²⁾ / E45 ³⁾	41.89 lbs

Full installation set

	Part No.	
1 installation set without C-profile	94.50	1.28 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	94.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 94.50.350

Individual parts and options**Components as individual parts, trough**

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	94.11.E ¹⁾ / E44 ²⁾ / E45 ³⁾	16.20 lbs
1 glide bar, 6.56 ft (2m) section	93.01	3.70 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	93.20	4.89 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	93.21	1.19 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	94.51	.55 lbs
1 countersunk-head screw, individual	M6X1.00X20.D7991.Z	
1 hexagon nut, individual	M6X1.00.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ¹⁾	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ▶ Page 1342)	94.80.01	32.41 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.52.350.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index E to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index E44 to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index E45 to the Part No.

C-profile length according to dimension B_{Ri}

E4Q.58/H4Q.58			E4.56/H4.56/R4.56			14040/14140/R18840			14240/14340			E6.62			4040HD/8840HD		
Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set
.100	5.47 (139)	94.50.250	.05	3.50 (89)	upon request	.05	3.19 (81)	upon request	.05	3.19 (81)	upon request	.05	3.58 (91)	upon request	.05	4.29 (109)	94.50.225
.112	5.98 (152)	94.50.275	.06	4.09 (104)	94.50.225	.06	3.78 (96)	upon request	.06	3.90 (99)	upon request	.06	4.29 (109)	94.50.225	.06	4.88 (124)	94.50.250
.125	6.46 (164)	94.50.275	.07	4.49 (114)	94.50.225	.07	4.17 (106)	94.50.225	.07	4.17 (106)	94.50.225	.07	4.57 (116)	94.50.225	.07	5.28 (134)	94.50.250
.137	6.97 (177)	94.50.300	.08	4.76 (121)	94.50.225	.10	5.16 (131)	94.50.250	.087	4.69 (119)	94.50.250	.087	5.04 (128)	94.50.250	.10	6.26 (159)	94.50.275
.150	7.44 (189)	94.50.300	.10	5.47 (139)	94.50.250	.11	5.67 (144)	94.50.275	.10	5.16 (131)	94.50.250	.10	5.55 (141)	94.50.250	.11	6.73 (171)	94.50.300
.162	7.95 (202)	94.50.325	.11	5.98 (152)	94.50.275	.12	6.14 (156)	94.50.275	.11	5.47 (139)	94.50.250	.11	5.87 (149)	94.50.275	.12	7.24 (184)	94.50.300
.175	8.43 (214)	94.50.325	.12	6.46 (164)	94.50.275	.13	6.65 (169)	94.50.300	.112	5.67 (144)	94.50.275	.112	6.02 (153)	94.50.275	.13	7.72 (196)	94.50.325
.187	8.94 (227)	94.50.350	.13	6.97 (177)	94.50.300	.15	7.13 (181)	94.50.300	.12	6.14 (156)	94.50.275	.12	6.54 (166)	94.50.275	.15	8.23 (209)	94.50.325
.200	9.41 (239)	94.50.350	.15	7.44 (189)	94.50.300	.16	7.64 (194)	94.50.325	.137	6.65 (169)	94.50.300	.137	7.01 (178)	94.50.300	.16	8.70 (221)	94.50.350
.212	9.92 (252)	94.50.375	.16	7.95 (202)	94.50.325	.17	8.11 (206)	94.50.325	.15	7.13 (181)	94.50.300	.15	7.52 (191)	94.50.300	.17	9.21 (234)	94.50.350
.225	10.39 (264)	94.50.375	.17	8.43 (214)	94.50.325	.18	8.62 (219)	94.50.350	.162	7.64 (194)	94.50.325	.162	7.99 (203)	94.50.325	.18	9.69 (246)	94.50.375
.237	10.91 (277)	94.50.400	.18	8.94 (227)	94.50.350	.20	9.09 (231)	94.50.350	.17	7.83 (199)	94.50.325	.17	8.23 (209)	94.50.325	.20	10.20 (259)	94.50.375
.250	11.38 (289)	94.50.400	.20	9.41 (239)	94.50.350	.21	9.61 (244)	94.50.375	.18	8.11 (206)	94.50.325	.18	8.50 (216)	94.50.325	.21	10.67 (271)	94.50.400
.262	11.89 (302)	94.50.425	.21	9.92 (252)	94.50.375	.22	10.08 (256)	94.50.375	.187	8.62 (219)	94.50.350	.187	8.98 (228)	94.50.350	.22	11.18 (284)	94.50.400
.275	12.36 (314)	94.50.425	.22	10.39 (264)	94.50.375	.23	10.59 (269)	94.50.400	.20	9.09 (231)	94.50.350	.20	9.49 (241)	94.50.350	.23	11.65 (296)	94.50.425
.287	12.87 (327)	94.50.450	.23	10.91 (277)	94.50.400	.25	11.06 (281)	94.50.400	.212	9.61 (244)	94.50.375	.212	9.96 (253)	94.50.375	.25	12.17 (309)	94.50.425
.300	13.35 (339)	94.50.450	.25	11.38 (289)	94.50.400	.26	11.57 (294)	94.50.425	.23	10.08 (256)	94.50.375	.23	10.47 (266)	94.50.375	.26	12.64 (321)	94.50.450
.312	13.86 (352)	94.50.475	.26	11.89 (302)	94.50.425	.27	12.05 (306)	94.50.425	.237	10.59 (269)	94.50.400	.237	10.94 (278)	94.50.400	.27	13.15 (334)	94.50.450
.325	14.33 (364)	94.50.475	.27	12.36 (314)	94.50.425	.28	12.56 (319)	94.50.450	.25	11.06 (281)	94.50.400	.25	11.46 (291)	94.50.400	.28	13.62 (346)	94.50.475
.337	14.84 (377)	94.50.500	.28	12.87 (327)	94.50.450	.30	13.03 (331)	94.50.450	.262	11.57 (294)	94.50.425	.262	11.93 (303)	94.50.425	.30	14.13 (359)	94.50.475
.350	15.31 (389)	94.50.500	.30	13.35 (339)	94.50.450	.31	13.54 (344)	94.50.475	.28	12.05 (306)	94.50.425	.28	12.44 (316)	94.50.425	.31	14.61 (371)	94.50.500
.362	15.83 (402)	94.50.525	.31	13.86 (352)	94.50.475	.32	14.02 (356)	94.50.475	.29	12.56 (319)	94.50.450	.29	12.91 (328)	94.50.450	.32	15.12 (384)	94.50.500
.375	16.30 (414)	94.50.525	.32	14.33 (364)	94.50.475	.33	14.53 (369)	94.50.500	.30	13.03 (331)	94.50.450	.30	13.43 (341)	94.50.450	.33	15.59 (396)	94.50.525
.387	16.81 (427)	94.50.550	.33	14.84 (377)	94.50.500	.35	15.00 (381)	94.50.500	.312	13.54 (344)	94.50.475	.312	13.90 (353)	94.50.475	.35	16.10 (409)	94.50.525
.400	17.28 (439)	94.50.550	.35	15.31 (389)	94.50.500	.36	15.51 (394)	94.50.525	.325	14.02 (356)	94.50.475	.325	14.41 (366)	94.50.475	.36	16.57 (421)	94.50.550
.412	17.80 (452)	94.50.575	.36	15.83 (402)	94.50.525	.37	15.98 (406)	94.50.525	.337	14.53 (369)	94.50.500	.337	14.88 (378)	94.50.500	.37	17.09 (434)	94.50.550
.425	18.27 (464)	94.50.575	.37	16.30 (414)	94.50.525	.38	16.50 (419)	94.50.550	.350	15.00 (381)	94.50.500	.350	15.39 (391)	94.50.500	.38	17.56 (446)	94.50.575
.437	18.78 (477)	94.50.600	.38	16.81 (427)	94.50.550	.40	16.97 (431)	94.50.550	.362	15.51 (394)	94.50.525	.362	15.87 (403)	94.50.525	.40	18.07 (459)	94.50.575
.450	19.25 (489)	94.50.600	.40	17.28 (439)	94.50.550	.41	17.48 (444)	94.50.575	.375	15.98 (406)	94.50.525	.375	16.38 (416)	94.50.525	.41	18.54 (471)	94.50.600
.462	19.76 (502)	94.50.625	.41	17.80 (452)	94.50.575	.42	17.95 (456)	94.50.575	.384	16.50 (419)	94.50.550	.387	16.85 (428)	94.50.550	.42	19.06 (484)	94.50.600
.475	20.24 (514)	94.50.625	.42	18.27 (464)	94.50.575	.43	18.46 (469)	94.50.600	.400	16.97 (431)	94.50.550	.400	17.36 (441)	94.50.550	.43	19.53 (496)	94.50.625
.487	20.75 (527)	94.50.650	.43	18.78 (477)	94.50.600	.45	18.94 (481)	94.50.600							.45	20.04 (509)	94.50.625
.500	21.22 (539)	94.50.650	.45	19.25 (489)	94.50.600	.46	19.45 (494)	94.50.625							.46	20.51 (521)	94.50.650
.512	21.73 (552)	94.50.675	.46	19.76 (502)	94.50.625	.47	19.92 (506)	94.50.625							.47	21.02 (534)	94.50.650
.525	22.20 (564)	94.50.675	.47	20.24 (514)	94.50.625	.48	20.43 (519)	94.50.650							.48	21.50 (546)	94.50.675
.537	22.72 (577)	94.50.700	.48	20.75 (527)	94.50.650	.50	20.91 (531)	94.50.650							.50	22.01 (559)	94.50.675
.550	23.19 (589)	94.50.700	.50	21.22 (539)	94.50.650	.51	21.42 (544)	94.50.675							.51	22.48 (571)	94.50.700
.562	23.66 (601)	94.50.725	.51	21.73 (552)	94.50.675	.52	21.89 (556)	94.50.675							.52	22.99 (584)	94.50.700
.575	24.17 (614)	94.50.725	.52	22.20 (564)	94.50.675	.53	22.40 (569)	94.50.700							.53	23.46 (596)	94.50.725
.587	24.65 (626)	94.50.750	.53	22.72 (577)	94.50.700	.55	22.87 (581)	94.50.700							.55	23.98 (609)	94.50.725
.600	25.16 (639)	94.50.750	.55	23.19 (589)	94.50.700	.60	24.84 (631)	94.50.750							.60	25.94 (659)	94.50.775
			.60	25.16 (639)	94.50.750												

E4.64L

Width index	B_{Ri} [mm]	Part No. Installation set
.087	4.65 (118)	94.50.225
.100	5.16 (131)	94.50.250
.150	7.13 (181)	94.50.300
.200	9.09 (231)	94.50.350



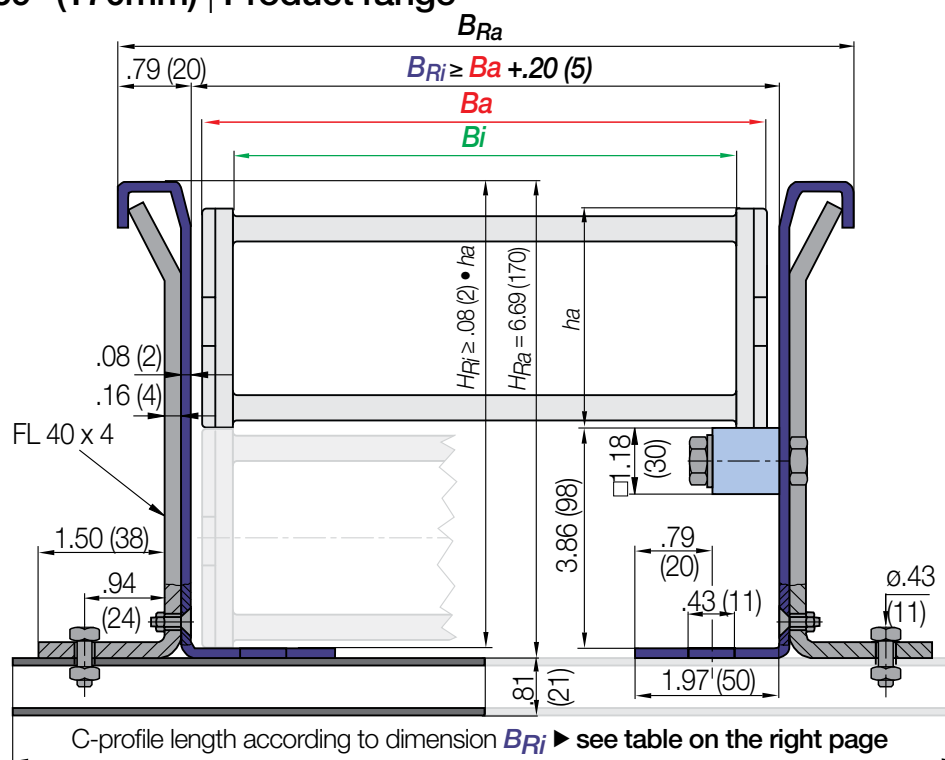
Extremely dirty and tough environment in coal handling. igus® roller e-chains® guided in tough steel troughs

Trough height: 6.69" (170mm) | Product range

For the following
igus® series

E4/light

● 14550/14650/R19050

**Full sets**

Full trough side part sets 6.56 ft (2m) pieces each

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	94.14550.30.E ¹⁾ / E44 ²⁾ / E45 ³⁾	32.41 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	94.14550.31.E ¹⁾ / E44 ²⁾ / E45 ³⁾	41.89 lbs

Full installation set

	Part No.	
1 installation set without C-profile	94.50	1.28 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	94.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 94.50.350

Individual parts and options

Components as individual parts, trough	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	94.14550.11.E ¹⁾ / E44 ²⁾ / E45 ³⁾	16.20 lbs
1 glide bar, 6.56 ft (2m) section	93.01	3.70 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	93.20	4.89 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	93.21	1.19 lbs
Components as individual parts, installation set	Part No.	Weight
1 clamping bracket, individual	94.51	.55 lbs
1 countersunk-head screw, individual	M6X1.00X20.D7991.Z	
1 hexagon nut, individual	M6X1.00.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ¹⁾	.60 lbs/ft
Additional option for simple fastening of the e-chain® without drilling	Part No.	Weight
1 set fixed end module. (more information ► Page 1342)	94.14550.80.01**	32.41 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 95.52.350.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index E to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index E44 to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index E45 to the Part No.

C-profile length according to dimension B_{Ri}

14550/14650/R19050

Width index	B_{Ri} in. (mm)	Part No. Installation set
.05	3.23 (82)	upon request
.06	3.82 (97)	upon request
.07	4.21 (107)	94.50.225
.08	4.69 (119)	94.50.250
.10	5.20 (132)	94.50.250
.11	5.67 (144)	94.50.275
.12	6.18 (157)	94.50.275
.13	6.65 (169)	94.50.300
.15	7.17 (182)	94.50.300
.16	7.64 (194)	94.50.325
.17	8.15 (207)	94.50.325
.18	8.62 (219)	94.50.350
.20	9.13 (232)	94.50.350
.21	9.61 (244)	94.50.375
.22	10.12 (257)	94.50.375
.23	10.59 (269)	94.50.400
.25	11.10 (282)	94.50.400
.26	11.57 (294)	94.50.425
.27	12.09 (307)	94.50.425
.28	12.56 (319)	94.50.450
.30	13.07 (332)	94.50.450
.31	13.54 (344)	94.50.475
.32	14.06 (357)	94.50.475
.33	14.53 (369)	94.50.500
.35	15.04 (382)	94.50.500
.36	15.51 (394)	94.50.525
.37	16.02 (407)	94.50.525
.38	16.50 (419)	94.50.550
.40	17.01 (432)	94.50.550
.41	17.48 (444)	94.50.575
.42	17.99 (457)	94.50.575
.43	18.46 (469)	94.50.600
.45	18.98 (482)	94.50.600
.46	19.45 (494)	94.50.625
.47	19.96 (507)	94.50.625
.48	20.43 (519)	94.50.650
.50	20.94 (532)	94.50.650
.51	21.42 (544)	94.50.675
.52	21.93 (557)	94.50.675
.53	22.40 (569)	94.50.700
.55	22.91 (582)	94.50.700
.60	24.88 (632)	94.50.750



System E4 with extension links and heavy fill weights - long travel application on-board West Navigator



For the following
igus® series

E4/light

● E4Q.82/H4Q.82

E4.1

● E4.80/H4.80/R4.80

E4/light

● 15050/15150/R19850

● 15250/15350

E6

● E6.80

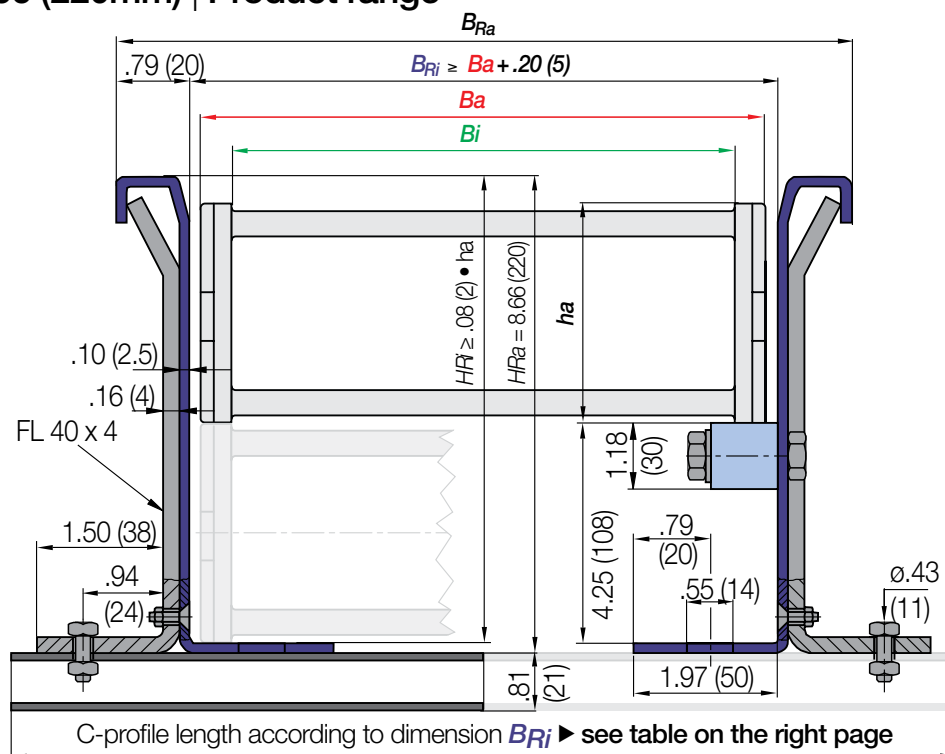
E4/4HD

● 5050HD/9850HD



Option: with reinforced mounting angles for extremely heavy-duty applications. For particularly demanding applications

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 sets

Full trough side part sets 6.56 ft (2m) pieces each

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	96.30.E ¹⁾ / E44 ²⁾ / E45 ³⁾	50.27 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	96.31.E ¹⁾ / E44 ²⁾ / E45 ³⁾	59.97 lbs

Full installation set

	Part No.	Weight
1 installation set without C-profile	96.50	1.59 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	96.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 96.50.375

Individual parts and options

Components as individual parts, trough

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	96.11.E ¹⁾ / E44 ²⁾ / E45 ³⁾	25.13 lbs
1 glide bar, 6.56 ft (2m) section	93.01	3.70 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	93.20	4.89 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	93.21	1.19 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	96.51	.68 lbs
1 countersunk-head screw, individual	M6X1.00X20.D7991.Z	
1 hexagon nut, individual	M6X1.00.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX.E ¹⁾	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ► Page 1342)	96.80.01	50.27 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.82.375.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index E to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index E44 to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index E45 to the Part No.

C-profile length according to dimension B_{Ri}

E4Q.82/H4Q.82			E4.80/H4.80/R4.80			15050/15150/R19850			15250/15350			E6.80			5050HD/9850HD		
Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set	Width index	B_{Ri} [mm]	Part No. Installation set
.100	6.10 (155)	96.50.275	.05	4.13 (105)	96.50.225	.05	3.35 (85)	upon request	.05	3.35 (85)	upon request	.05	4.13 (105)	96.50.225	.05	4.53 (115)	96.50.225
.112	6.61 (168)	96.50.300	.06	4.72 (120)	96.50.250	.06	3.94 (100)	upon request	.06	4.06 (103)	96.50.225	.06	4.72 (120)	96.50.250	.06	5.12 (130)	96.50.250
.125	7.09 (180)	96.50.300	.07	5.12 (130)	96.50.250	.07	4.33 (110)	96.50.225	.07	4.33 (110)	96.50.225	.07	5.12 (130)	96.50.250	.07	5.51 (140)	96.50.250
.137	7.60 (193)	96.50.325	.10	6.10 (155)	96.50.275	.10	5.31 (135)	96.50.250	.087	4.80 (122)	96.50.250	.10	6.10 (155)	96.50.275	.10	6.50 (165)	96.50.275
.150	8.07 (205)	96.50.325	.11	6.61 (168)	96.50.300	.11	5.83 (148)	96.50.275	.09	5.20 (132)	96.50.250	.11	6.57 (167)	96.50.300	.11	6.97 (177)	96.50.300
.162	8.58 (218)	96.50.350	.12	7.09 (180)	96.50.300	.12	6.30 (160)	96.50.275	.10	5.31 (135)	96.50.250	.12	7.09 (180)	96.50.300	.12	7.48 (190)	96.50.300
.175	9.06 (230)	96.50.350	.13	7.60 (193)	96.50.325	.13	6.81 (173)	96.50.300	.11	5.63 (143)	96.50.275	.13	7.56 (192)	96.50.325	.13	7.95 (202)	96.50.325
.187	9.57 (243)	96.50.375	.15	8.07 (205)	96.50.325	.15	7.28 (185)	96.50.300	.112	5.83 (148)	96.50.275	.15	8.07 (205)	96.50.325	.15	8.46 (215)	96.50.325
.200	10.04 (255)	96.50.375	.16	8.58 (218)	96.50.350	.16	7.80 (198)	96.50.325	.12	6.30 (160)	96.50.275	.16	8.54 (217)	96.50.350	.16	8.94 (227)	96.50.350
.212	10.55 (268)	96.50.400	.17	9.06 (230)	96.50.350	.17	8.27 (210)	96.50.325	.137	6.77 (172)	96.50.300	.17	9.06 (230)	96.50.350	.17	9.45 (240)	96.50.350
.225	11.02 (280)	96.50.400	.18	9.57 (243)	96.50.375	.18	8.78 (223)	96.50.350	.15	7.28 (185)	96.50.300	.18	9.53 (242)	96.50.375	.18	9.92 (252)	96.50.375
.237	11.54 (293)	96.50.425	.20	10.04 (255)	96.50.375	.20	9.25 (235)	96.50.350	.162	7.80 (198)	96.50.325	.20	10.04 (255)	96.50.375	.20	10.43 (265)	96.50.375
.250	12.01 (305)	96.50.425	.21	10.55 (268)	96.50.400	.21	9.76 (248)	96.50.375	.17	7.99 (203)	96.50.325	.21	10.51 (267)	96.50.400	.21	10.91 (277)	96.50.400
.262	12.52 (318)	96.50.450	.22	11.02 (280)	96.50.400	.22	10.24 (260)	96.50.375	.18	8.27 (210)	96.50.325	.22	11.02 (280)	96.50.400	.22	11.42 (290)	96.50.400
.275	12.99 (330)	96.50.450	.23	11.54 (293)	96.50.425	.23	10.75 (273)	96.50.400	.187	8.78 (223)	96.50.350	.23	11.50 (292)	96.50.425	.23	11.89 (302)	96.50.425
.287	13.50 (343)	96.50.475	.25	12.01 (305)	96.50.425	.25	11.22 (285)	96.50.400	.20	9.25 (235)	96.50.350	.25	12.01 (305)	96.50.425	.25	12.40 (315)	96.50.425
.300	13.98 (355)	96.50.475	.26	12.52 (318)	96.50.450	.26	11.73 (298)	96.50.425	.212	9.76 (248)	96.50.375	.26	12.48 (317)	96.50.450	.26	12.87 (327)	96.50.450
.312	14.49 (368)	96.50.500	.27	12.99 (330)	96.50.450	.27	12.20 (310)	96.50.425	.23	10.24 (260)	96.50.375	.27	12.99 (330)	96.50.450	.27	13.39 (340)	96.50.450
.325	14.96 (380)	96.50.500	.28	13.50 (343)	96.50.475	.28	12.72 (323)	96.50.450	.237	10.75 (273)	96.50.400	.28	13.46 (342)	96.50.475	.28	13.86 (352)	96.50.475
.337	15.47 (393)	96.50.525	.30	13.98 (355)	96.50.475	.30	13.19 (335)	96.50.450	.25	11.22 (285)	96.50.400	.30	13.98 (355)	96.50.475	.30	14.37 (365)	96.50.475
.350	15.94 (405)	96.50.525	.31	14.49 (368)	96.50.500	.31	13.70 (348)	96.50.475	.262	11.73 (298)	96.50.425	.31	14.45 (367)	96.50.500	.31	14.84 (377)	96.50.500
.362	16.46 (418)	96.50.550	.32	14.96 (380)	96.50.500	.32	14.17 (360)	96.50.475	.28	12.20 (310)	96.50.425	.32	14.96 (380)	96.50.500	.32	15.35 (390)	96.50.500
.375	16.93 (430)	96.50.550	.33	15.47 (393)	96.50.525	.33	14.69 (373)	96.50.500	.29	12.72 (323)	96.50.450	.33	15.43 (392)	96.50.525	.33	15.83 (402)	96.50.525
.387	17.44 (443)	96.50.575	.35	15.94 (405)	96.50.525	.35	15.16 (385)	96.50.500	.30	13.19 (335)	96.50.450	.35	15.94 (405)	96.50.525	.35	16.34 (415)	96.50.525
.400	17.91 (455)	96.50.575	.36	16.46 (418)	96.50.550	.36	15.67 (398)	96.50.525	.312	13.70 (348)	96.50.475	.36	16.42 (417)	96.50.550	.36	16.81 (427)	96.50.550
.412	18.43 (468)	96.50.600	.37	16.93 (430)	96.50.550	.37	16.14 (410)	96.50.525	.325	14.17 (360)	96.50.475	.37	16.93 (430)	96.50.550	.37	17.32 (440)	96.50.550
.425	18.90 (480)	96.50.600	.38	17.44 (443)	96.50.575	.38	16.65 (423)	96.50.550	.337	14.69 (373)	96.50.500	.38	17.40 (442)	96.50.575	.38	17.80 (452)	96.50.575
.437	19.41 (493)	96.50.625	.40	17.91 (455)	96.50.575	.40	17.13 (435)	96.50.550	.350	15.16 (385)	96.50.500	.40	17.91 (455)	96.50.575	.40	18.31 (465)	96.50.575
.450	19.88 (505)	96.50.625	.41	18.43 (468)	96.50.600	.41	17.64 (448)	96.50.575	.362	15.67 (398)	96.50.525	.41	18.50 (470)	96.50.600	.41	18.78 (477)	96.50.600
.462	20.39 (518)	96.50.650	.42	18.90 (480)	96.50.600	.42	18.11 (460)	96.50.575	.375	16.14 (410)	96.50.525	.42	18.90 (480)	96.50.600	.42	19.29 (490)	96.50.600
.475	20.87 (530)	96.50.650	.43	19.41 (493)	96.50.625	.43	18.62 (473)	96.50.600	.387	16.65 (423)	96.50.550	.43	19.37 (492)	96.50.625	.43	19.76 (502)	96.50.625
.487	21.38 (543)	96.50.675	.45	19.88 (505)	96.50.625	.45	19.09 (485)	96.50.600	.400	17.13 (435)	96.50.550	.45	19.88 (505)	96.50.625	.45	20.28 (515)	96.50.625
.500	21.85 (555)	96.50.675	.46	20.39 (518)	96.50.650	.46	19.61 (498)	96.50.625				.46	20.35 (517)	96.50.650	.46	20.75 (527)	96.50.650
.512	22.36 (568)	96.50.700	.47	20.87 (530)	96.50.650	.47	20.08 (510)	96.50.625				.47	20.87 (530)	96.50.650	.47	21.26 (540)	96.50.650
.525	22.83 (580)	96.50.700	.48	21.38 (543)	96.50.675	.48	20.59 (523)	96.50.650				.48	21.34 (542)	96.50.675	.48	21.73 (552)	96.50.675
.537	23.35 (593)	96.50.725	.50	21.85 (555)	96.50.675	.50	21.06 (535)	96.50.650				.50	21.85 (555)	96.50.675	.50	22.24 (565)	96.50.675
.550	23.82 (605)	96.50.725	.51	22.36 (568)	96.50.700	.51	21.57 (548)	96.50.675				.51	22.32 (567)	96.50.700	.51	22.72 (577)	96.50.700
.562	24.29 (617)	96.50.725	.52	22.83 (580)	96.50.700	.52	22.05 (560)	96.50.675				.52	22.83 (580)	96.50.700	.52	23.23 (590)	96.50.700
.575	24.80 (630)	96.50.750	.53	23.35 (593)	96.50.725	.53	22.56 (573)	96.50.700				.53	23.31 (592)	96.50.725	.53	23.70 (602)	96.50.725
.587	25.28 (642)	96.50.750	.55	23.82 (605)	96.50.725	.55	23.03 (585)	96.50.700				.55	23.82 (605)	96.50.725	.55	24.21 (615)	96.50.725
.600	25.79 (655)	96.50.775	.60	25.79 (655)	96.50.775	.60	25.00 (635)	96.50.750				.60	25.79 (655)	96.50.775	.60	26.18 (665)	96.50.775



igus® E4
rol e-chain® and
steel guide trough



For the following
igus® series

E4.1

● E4.112/R4.112

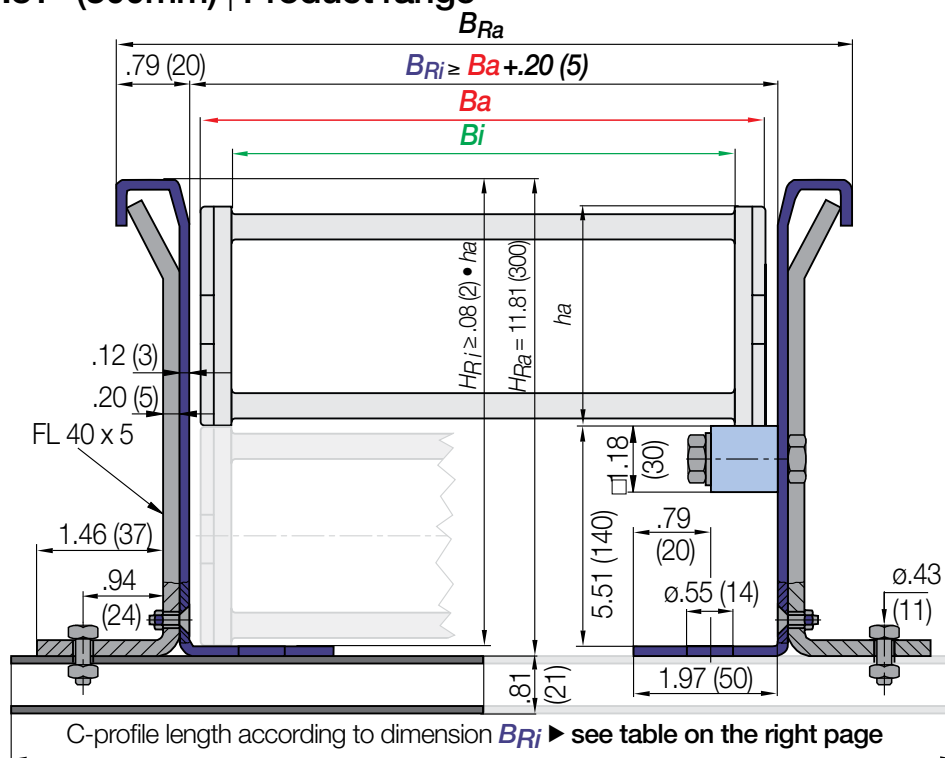
E4/light

● 1640/R1608



Option: with reinforced mounting angles for extremely heavy-duty applications. For particularly demanding applications

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 sets

Full trough side part sets 6.56 ft (2m) pieces each

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	98.30 ^{E(1)} / E44 ⁽²⁾ / E45 ⁽³⁾	76.28 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	98.31 ^{E(1)} / E44 ⁽²⁾ / E45 ⁽³⁾	85.98 lbs

Full installation set

	Part No.	Weight
1 installation set without C-profile	98.50	2.56 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	98.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 98.50.350

Individual parts and options

Components as individual parts, trough

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	98.11 ^{E(1)} / E44 ⁽²⁾ / E45 ⁽³⁾	38.14 lbs
1 glide bar, 6.56 ft (2m) section	93.01	3.70 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	93.20	4.89 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	93.21	1.19 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	98.51	1.15 lbs
1 countersunk-head screw, individual	M8X1.25X20.D7991.Z	
1 hexagon nut, individual	M8X1.25.D985.Z	
1 hexagon-head screw, individual	3/8-16X0.750.HH.Z	
1 sliding nut, individual	3/8-16.SN.Z	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	92.52.XXX*.E ⁽¹⁾	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ► Page 1342)	98.80.01	76.28 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 92.52.350.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index **E** to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index **E44** to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index **E45** to the Part No.

C-profile length according to dimension B_{Ri}

E4.112/R4.112			1640/R1608		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.05	4.21 (107)	98.50.225	.05	3.50 (89)	upon request
.06	4.80 (122)	98.50.250	.06	4.09 (104)	98.50.225
.07	5.20 (132)	98.50.250	.07	4.49 (114)	98.50.250
.10	6.18 (157)	98.50.275	.08	4.88 (124)	98.50.250
.11	6.65 (169)	98.50.300	.10	5.47 (139)	98.50.275
.12	7.17 (182)	98.50.300	.11	5.94 (151)	98.50.275
.13	7.64 (194)	98.50.325	.12	6.46 (164)	98.50.300
.15	8.15 (207)	98.50.325	.13	6.93 (176)	98.50.300
.16	8.62 (219)	98.50.350	.15	7.44 (189)	98.50.325
.17	9.13 (232)	98.50.350	.16	7.91 (201)	98.50.325
.18	9.61 (244)	98.50.375	.17	8.43 (214)	98.50.350
.20	10.12 (257)	98.50.375	.18	8.90 (226)	98.50.350
.21	10.59 (269)	98.50.400	.20	9.41 (239)	98.50.375
.22	11.10 (282)	98.50.400	.21	9.88 (251)	98.50.375
.23	11.57 (294)	98.50.425	.22	10.39 (264)	98.50.400
.25	12.09 (307)	98.50.425	.23	10.87 (276)	98.50.400
.26	12.56 (319)	98.50.450	.25	11.38 (289)	98.50.425
.27	13.07 (332)	98.50.450	.26	11.85 (301)	98.50.425
.28	13.54 (344)	98.50.475	.27	12.36 (314)	98.50.450
.30	14.06 (357)	98.50.475	.28	12.83 (326)	98.50.450
.31	14.53 (369)	98.50.500	.30	13.35 (339)	98.50.475
.32	15.04 (382)	98.50.500	.31	13.82 (351)	98.50.475
.33	15.51 (394)	98.50.525	.32	14.33 (364)	98.50.500
.35	16.02 (407)	98.50.525	.33	14.80 (376)	98.50.500
.36	16.50 (419)	98.50.550	.35	15.31 (389)	98.50.525
.37	17.01 (432)	98.50.550	.36	15.79 (401)	98.50.525
.38	17.48 (444)	98.50.575	.37	16.30 (414)	98.50.550
.40	17.99 (457)	98.50.575	.38	16.77 (426)	98.50.550
.41	18.46 (469)	98.50.600	.40	17.28 (439)	98.50.575
.42	18.98 (482)	98.50.600	.41	17.76 (451)	98.50.575
.43	19.45 (494)	98.50.625	.42	18.27 (464)	98.50.600
.45	19.96 (507)	98.50.625	.43	18.74 (476)	98.50.600
.46	20.43 (519)	98.50.650	.45	19.25 (489)	98.50.625
.47	20.94 (532)	98.50.650	.46	19.72 (501)	98.50.625
.48	21.42 (544)	98.50.675	.47	20.24 (514)	98.50.650
.50	21.93 (557)	98.50.675	.48	20.71 (526)	98.50.650
.51	22.40 (569)	98.50.700	.50	21.22 (539)	98.50.675
.52	22.91 (582)	98.50.700	.51	21.69 (551)	98.50.675
.53	23.39 (594)	98.50.725	.52	22.20 (564)	98.50.700
.55	23.90 (607)	98.50.725	.53	22.68 (576)	98.50.700
.60	25.87 (657)	98.50.775	.55	23.19 (589)	98.50.725
			.60	25.16 (639)	98.50.775



E4 e-chain® with several extension links for extreme fill weights, guided in igus® steel trough over long distances and in rough seas



For the following
igus® series

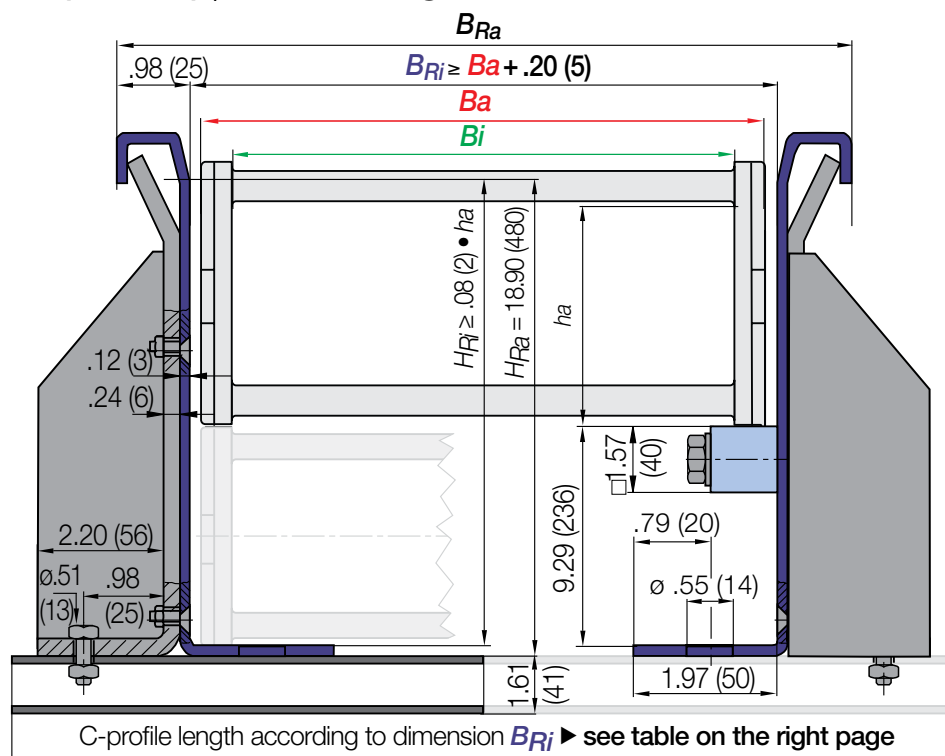
E4.1

- 800
- 840



Option: with reinforced mounting angles for extremely heavy-duty applications. For particularly demanding applications

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 sets

Full trough side part sets 6.56 ft (2m) pieces each

	Part No.	Weight
1 set of 2 trough side parts, without glide bars, 6.56 ft (2m) section	90.30.E ¹⁾ / E44 ²⁾ / E45 ³⁾	117.73 lbs
1 set of 2 trough side parts, with glide bars, 6.56 ft (2m) section, galvanized steel	90.31.E ¹⁾ / E44 ²⁾ / E45 ³⁾	130.96 lbs

Full installation set

	Part No.	Weight
1 installation set without C-profile	90.50	.90 lbs
1 installation set with C-profile (C-profile length according to dimension B_{Ri})	90.50.XXX*	upon request

*Please add the C-profile length XXX as shown on the tables on the right page. Example: 90.50.450

Individual parts and options

Components as individual parts, trough

	Part No.	Weight
1 trough side part, 6.56 ft (2m) section	90.11.E ¹⁾ / E44 ²⁾ / E45 ³⁾	58.86 lbs
1 glide bar, 6.56 ft (2m) section	90.01	3.70 lbs
1 glide bar, 6.56 ft (2m) section + 11 screw sets	90.20	4.89 lbs
1 package with 11 screw sets (for glide bar, 6.56 ft (2m) section)	90.21	1.19 lbs

Components as individual parts, installation set

	Part No.	Weight
1 clamping bracket, individual	90.51	1.15 lbs
1 countersunk-head screw, individual	MAT0040014 / M8 x 25	
1 hexagon nut, individual	MAT0040012 / M8	
1 hexagon-head screw, individual	MAT0040384 / M12 x 30	
1 glide nut, individual	MAT0040385 / M12	
1 C-profile, individual (C-profile length according to dimension B_{Ri})	IE70.41-41.XXX*.E ¹⁾	.60 lbs/ft

Additional option for simple fastening of the e-chain® without drilling

	Part No.	Weight
1 set fixed end module. (more information ► Page 1342)	90.80.01**	117.73 lbs

*Please add the C-profile length XXX as shown on the tables on the right page. Example: IE70.41-41.450.E

1) Trough side parts + C-profile - also available in 304 stainless steel, material 1.4301 (AISI 304). Please add index E to the Part No.

2) Trough side parts - also available in 316 stainless steel, material 1.4404 (AISI 316L). Please add index E44 to the Part No.

3) Trough side parts - also available in 316 stainless steel, material 1.4571 (AISI 316Ti). Please add index E45 to the Part No.

C-profile length according to dimension B_{Ri}

800			840		
Width index	B_{Ri} in. (mm)	Part No. Installation set	Width index	B_{Ri} in. (mm)	Part No. Installation set
.20	10.43 (265)	90.50.450	.13	6.50 (165)	90.50.350
.25	12.40 (315)	90.50.500	.15	7.01 (178)	90.50.350
.30	14.37 (365)	90.50.550	.16	7.48 (190)	90.50.375
.32	15.35 (390)	90.50.575	.17	7.99 (203)	90.50.375
.35	16.34 (415)	90.50.600	.18	8.46 (215)	90.50.400
.40	18.31 (465)	90.50.650	.20	8.98 (228)	90.50.400
.45	20.28 (515)	90.50.700	.21	9.45 (240)	90.50.425
.50	22.24 (565)	90.50.750	.22	9.96 (253)	90.50.425
.55	24.21 (615)	90.50.800	.23	10.43 (265)	90.50.450
.60	26.18 (665)	90.50.850	.25	10.94 (278)	90.50.450
			.26	11.42 (290)	90.50.475
			.27	11.93 (303)	90.50.475
			.28	12.40 (315)	90.50.500
			.30	12.91 (328)	90.50.500
			.31	13.39 (340)	90.50.525
			.32	13.90 (353)	90.50.525
			.33	14.37 (365)	90.50.550
			.35	14.88 (378)	90.50.550
			.36	15.35 (390)	90.50.575
			.37	15.87 (403)	90.50.575
			.38	16.34 (415)	90.50.600
			.40	16.85 (428)	90.50.600
			.41	17.32 (440)	90.50.625
			.42	17.83 (453)	90.50.625
			.43	18.31 (465)	90.50.650
			.45	18.82 (478)	90.50.650
			.46	19.29 (490)	90.50.675
			.47	19.80 (503)	90.50.675
			.48	20.28 (515)	90.50.700
			.50	20.79 (528)	90.50.700
			.51	21.26 (540)	90.50.725
			.52	21.77 (553)	90.50.725
			.53	22.24 (565)	90.50.750
			.55	22.76 (578)	90.50.750
			.60	24.72 (628)	90.50.800



Assembly of an E4 e-chain® series 800 in a steel guide trough