E4.1 | Series 800 | Product range

For tough applications, very large inner height

200

... 800

e-chains® | Series 800 | Crossbars every link (crossbars removable along the inner and outer radius)

Part No. e-chains®	Bi [mm]	Ba [mm]	800 [kg/m]
800.20.R.0	200	260	≈ 15.09
800.25.R.0	250	310	≈ 15.50
800.30.R.0	300	360	≈ 15.89
800.32.R.0	325	385	≈ 16.05
800.35.R.0	350	410	≈ 16.22

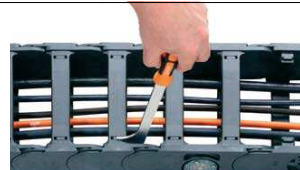| Part No. e-chains®	Bi [mm]	Ba [mm]	800 [kg/m]
800.40.R.0	400	460	≈ 16.74
800.45.R.0	450	510	≈ 16.88
800.50.R.0	500	560	≈ 17.23
800.55.R.0	550	610	≈ 17.63
800.60.R.0	600	660	≈ 18.19

Available bend radii

R [mm] | 325 | 350 | 400 | 450 | 500 | 600 | 750 | 1,000 |

Complete Part No. with required radius (R). Example: **800.40.400.0 = crossbars every link**
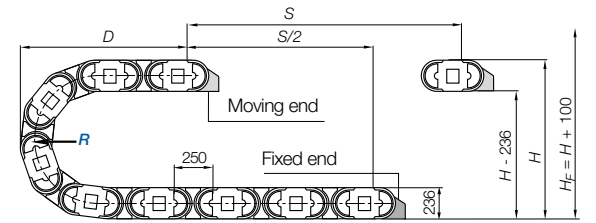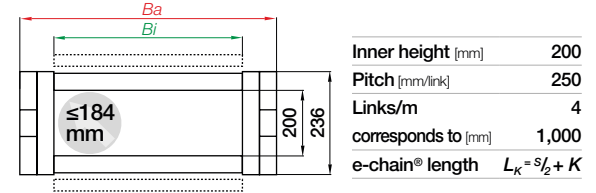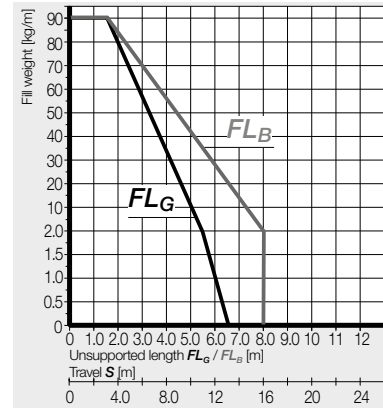
Reduce assembly time - E4 e-chain® opener
- e-chain® opener tools for easy opening and closing of e-chains®
- Simple opening and closing of e-chain® crossbars
- Also for use in hard to reach locations
- Significant assembly time reduction

More information ▶ www.igus.co.uk/E4savetime

E4.1 | Series 800 | Installation dimensions

Unsupported applications | Short travels

Inner height [mm]	200
Pitch [mm/link]	250
Links/m	4
corresponds to [mm]	1,000
e-chain® length	$L_K = {}^S/_2 + K$

R	325	350	400	450	500	600	750	1,000
H	886	936	1,036	1,136	1,236	1,436	1,736	2,236
D	818	843	893	943	993	1,093	1,243	1,493
K	1,525	1,600	1,760	1,915	2,075	2,385	2,860	3,645

The required clearance height: $H_F = H + 100mm$ (with 5.0kg/m fill weight)

Gliding applications | For travel lengths from 15m to max. 450m
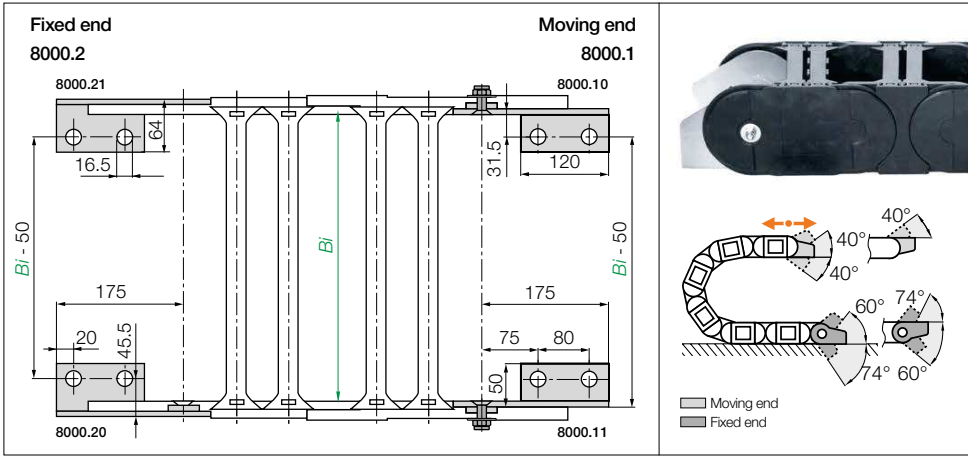
$$L_K = S/2 + K_2$$
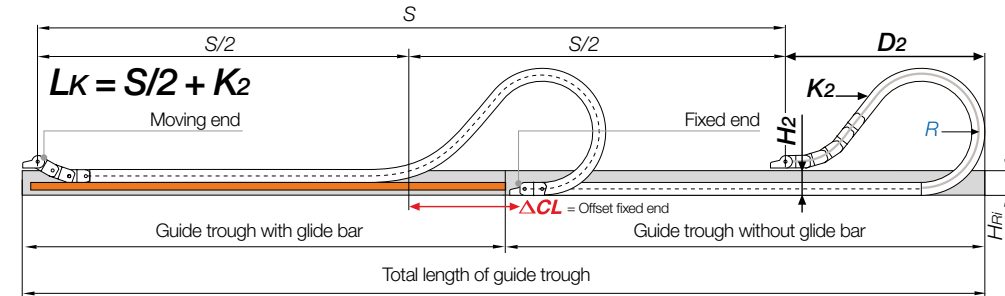
Note: We recommend the project planning of such a system to be carried out by igus®.

In case of travels between 12 and 15m we recommend an e-chain® with a longer unsupported length.

R	325	350	400	450	500	600	750	1,000
H₂	580	580	580	580	580	580	580	580
D₂+25	1,030	1,080	1,380	1,610	2,000	2,480	*	*
K₂	2,000	2,000	2,500	3,000	3,250	4,000	*	*
CL	250	300	550	750	1,050	1,400	*	*

*Values upon request

Steel mounting brackets | Pivoting

Fixed end — **8000.2**

Moving end — **8000.1**

8000.21 ... 8000.10

8000.20 ... 8000.11

16.5 | 64 | 31.5 | 120

Bi – 50 | Bi | Bi – 50

175 | 175

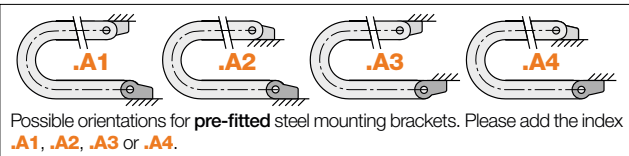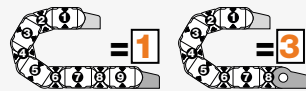20 | 45.5 | 75 | 80 | 50

40°, 40°, 40°, 60°, 74°, 74°, 60°

Moving end
Fixed end

Steel pivoting | For unsupported, gliding, vertical standing and vertical hanging applications

Part No. full set **steel pivoting**	Description **Mounting bracket**
8000.**1**.12.VS.**E45**	Full set **(both ends)** ending with outer side link, **screwed** - standard
8000.**3**.12.VS.**E45**	Full set **(both ends)** beginning with outer side link (moving end) - ending with inner side link (fixed end), screwed - standard

Stainless steel version available. Please add the index **.E45**! (Material: AISI 316Ti stainless steel)
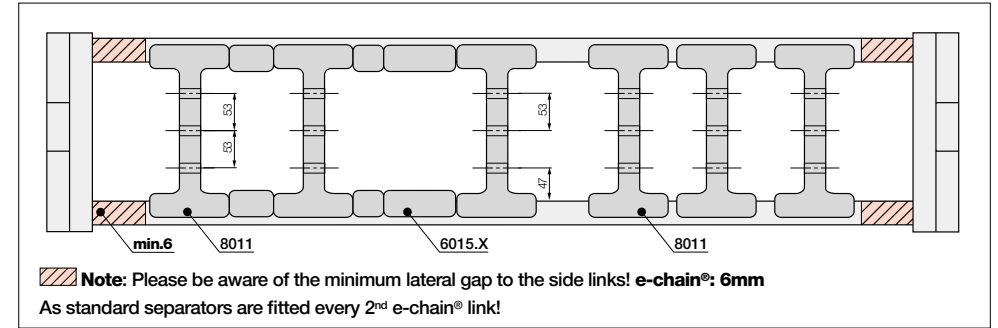
Note: The e-chains® may end with either an inner or an outer side link. An outer side link should always be the first e-chain® link at the moving end. Please specify the index **1** (for odd) or **3** (for even) depending on an even or odd number of links required. For the best appearance, make sure the e-chain® ends with **1** outer side links whenever possible. (with odd number of links)

=1   **=3**

.A1 **.A2** **.A3** **.A4**

Possible orientations for **pre-fitted** steel mounting brackets. Please add the index **.A1** , **.A2** , **.A3** or **.A4** .

8000.**1**.12.VS.**A2**   **Order example**

.A ... Please specify fastening variant
Pre-assembled
Full set, pivoting
Odd numbers of links
Series

Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392

Interior separation

53 | 53 | 53 | 47

min.6 | 8011 | 6015.X | 8011

Note: Please be aware of the minimum lateral gap to the side links! **e-chain®: 6mm**

As standard separators are fitted every 2nd e-chain® link!

		10 / 30	Slotted separator	
			unassembled	**8001**
			assembled	**8011**
		XX [mm] = 10, 15, 20	Spacer for e-chains®	
		XX	unassembled	**6005.XX**
			assembled	**6015.XX**

Slotted separator
For a vertical subdivision. The slot allows basic vertical/horizontal shelving arrangements.

Spacer
Separators can be fixed in position using spacers. The available interior height is reduced by 2mm per spacer (4mm when spacers are fitted on both sides). To avoid this, the parts can also be installed on the outside of the opening crossbar.

Modular shelving system | Series 800

30 | 12 | 41 | 10 | 41 | 94 | 94 | 200

❶ ❷ ❸ ❹
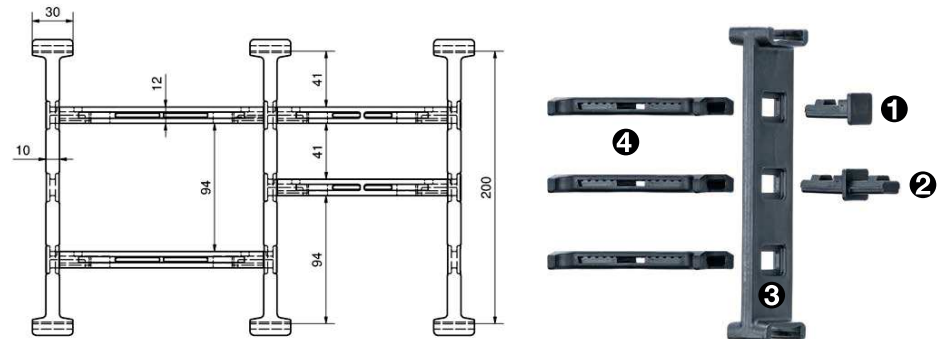
● Secure separation even for large cables ● Easy assembly
● Robust, even for large cable diameters ● Modular ● Widths from 50 to 600mm

Part No. unassembled	Part No. assembled	Design snap in tab	Part No. separator	Part No. crossbar	Width [mm]
8001H1	8011H1	❶ one side	❸ 8001	❹ 450.XX.A	50-600
8001H2	8011H2	❷ both sides	❸ 8001	❹ 450.XX.A	50-600