



e-chains® | Series 840 | Crossbars every link (crossbars removable along the inner and outer radius)

Part No.	Bi	Ba	840	Part No.	Bi	Ba	840
e-chains®	[mm]	[mm]	[kg/m]	e-chains®	[mm]	[mm]	[kg/m]
840.13.R.0	100	160	≈ 13.84	840.36.R.0	325	385	≈ 15.09
840.15.R.0	113	173	≈ 13.87	840.37.R.0	338	398	≈ 15.11
840.16.R.0	125	185	≈ 13.95	840.38.R.0	350	410	≈ 15.15
840.17.R.0	138	198	≈ 14.04	840.40.R.0	363	423	≈ 15.34
840.18.R.0	150	210	≈ 14.13	840.41.R.0	375	435	≈ 15.39
840.20.R.0	163	223	≈ 14.17	840.42.R.0	388	448	≈ 15.50
840.21.R.0	175	235	≈ 14.22	840.43.R.0	400	460	≈ 15.57
840.22.R.0	188	248	≈ 14.27	840.45.R.0	413	473	≈ 15.63
840.23.R.0	200	260	≈ 14.35	840.46.R.0	425	485	≈ 15.69
840.25.R.0	213	273	≈ 14.43	840.47.R.0	438	498	≈ 15.72
840.26.R.0	225	285	≈ 14.49	840.48.R.0	450	510	≈ 15.80
840.27.R.0	238	298	≈ 14.57	840.50.R.0	463	523	≈ 15.87
840.28.R.0	250	310	≈ 14.61	840.51.R.0	475	535	≈ 15.91
840.30.R.0	263	323	≈ 14.72	840.52.R.0	488	548	≈ 15.93
840.31.R.0	275	335	≈ 14.75	840.53.R.0	500	560	≈ 16.00
840.32.R.0	288	348	≈ 14.82	840.55.R.0	513	573	≈ 16.31
840.33.R.0	300	360	≈ 14.91	840.60.R.0	563	623	≈ 16.47
840.35.R.0	313	373	≈ 15.06				

Available bend radii

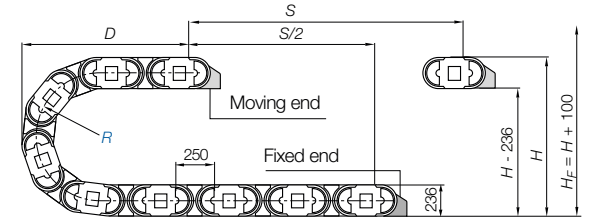
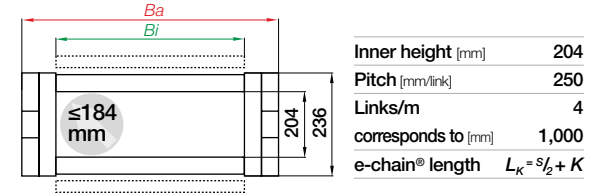
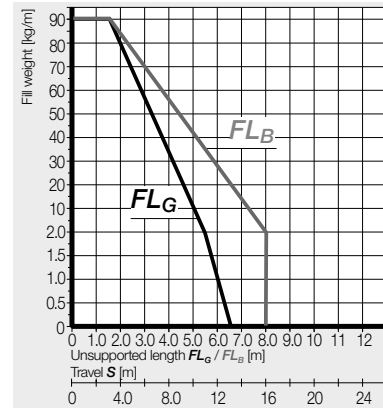
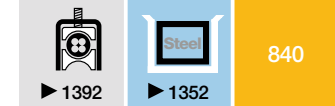
R [mm] | 325 | 350 | 400 | 450 | 500 | 600 | 750 | 1,000 |

Complete Part No. with required radius (R). Example: 840.40.400.0 = 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

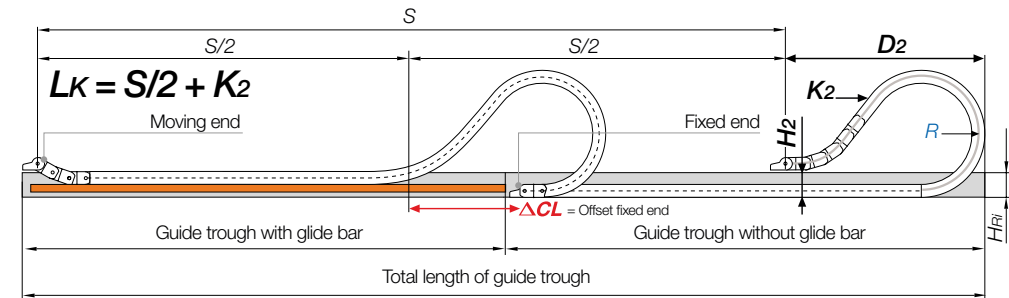


R	325	350	400	450	500	600	750	1,000
H _{±25} ⁰	886	936	1,036	1,136	1,236	1,436	1,736	2,236
D	818	843	893	943	993	1,093	1,243	1,493
K	1,525	1,600	1,760	1,915	2,075	2,385	2,860	3,645

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

*Radius not available for e-tubes

Gliding applications | For travel lengths from 15m to max. 450m

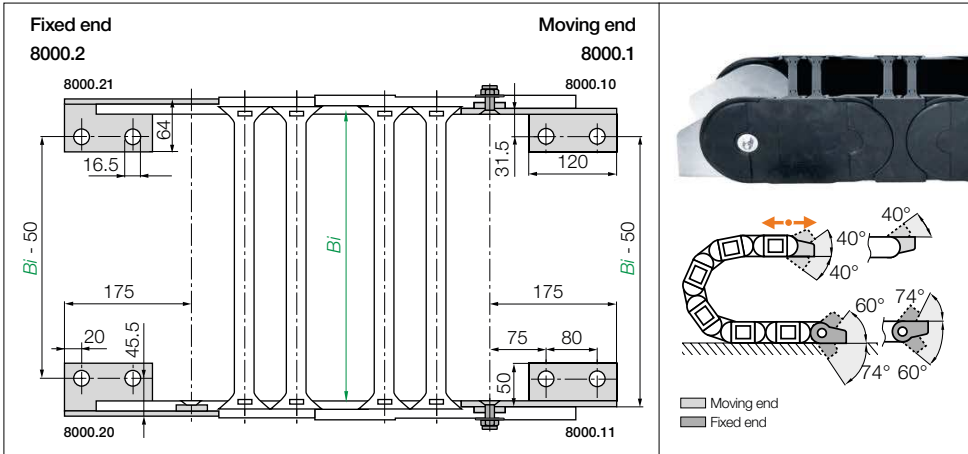


Note: We recommend the project planning of such a system to be carried out by igus®.

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
H ₂	580	580	580	580	580	580	580	580
D ₂ ⁺²⁵	1,030	1,080	1,380	1,610	2,000	2,480	*	*
K ₂	2,000	2,000	2,500	3,000	3,250	4,000	*	*
CL	250	300	550	750	1,050	1,400	*	*

*Values upon request

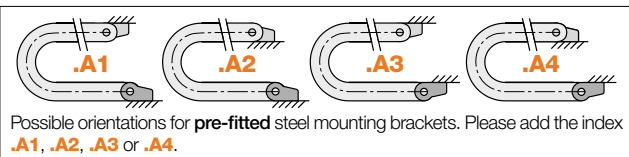


Steel pivoting | For unsupported, gliding, vertical standing and vertical hanging applications

Part No. full set	Description
steel pivoting	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)

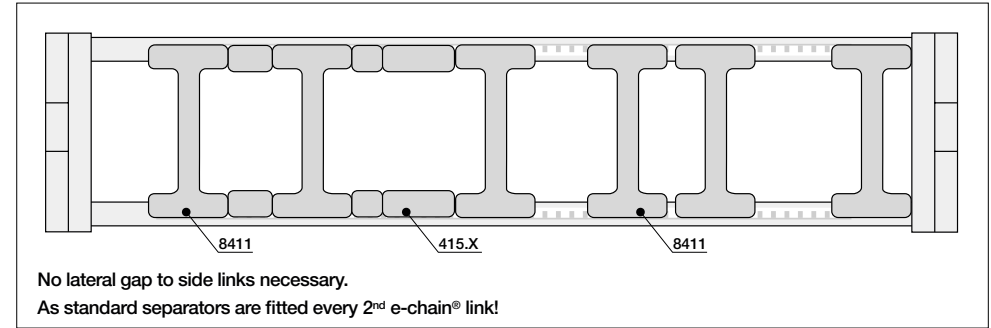
Note: The e-chains® may end with either an inner or an outer side link. An outer side link should always be the first e-chain® link at the moving end. Please specify the index **1** (for odd) or **3** (for even) depending on an even or odd number of links required. For the best appearance, make sure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



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



		Separator, for e-chains® unassembled 8401 assembled 8411
	XX [mm] = 10, 15, 20, 30, 40 	Spacer for e-chains® unassembled 405.XX assembled 415.XX

Separator
For a vertical subdivision. Offers security due to its wide base design, also when used with large cables or hoses.

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.