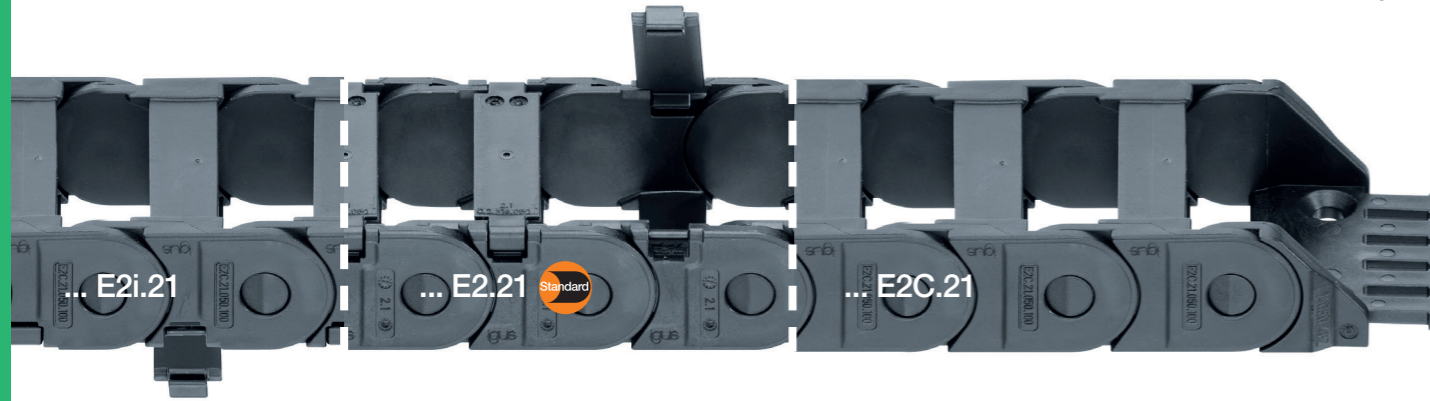


E2.1 | E2.21 | Product range

The strong all-rounder, easy to open



e-chains® Series E2i.21 | Openable along the inner radius, from both sides
 e-chains® Series E2.21 | Openable along the outer radius, from both sides
 e-chains® Series E2C.21 | One-piece, non-openable

Part No. e-chains® openable along inner radius	Part No. e-chains® openable along outer radius	Part No. e-chains® one-piece, non- openable	Bi [mm]	Ba [mm]	R Available bend radii [mm]	E2i.21 [kg/m]	E2.21 [kg/m]	E2C.21 [kg/m]
E2i.21.015.R.0*	E2.21.015.R.0*	E2C.21.015.R.0*	15	28.8	035 038 048 063 075 100 125 145 180	≈ 0.56	≈ 0.56	≈ 0.56
E2i.21.020.R.0*	E2.21.020.R.0*	E2C.21.020.R.0*	20	33.8	035 038 048 063 075 100 125 145 180	≈ 0.58	≈ 0.58	≈ 0.58
E2i.21.025.R.0*	E2.21.025.R.0*	E2C.21.025.R.0	25	38.8	035 038 048 063 075 100 125 145 180	≈ 0.60	≈ 0.60	≈ 0.60
E2i.21.038.R.0*	E2.21.038.R.0*	E2C.21.038.R.0	38	51.8	035 038 048 063 075 100 125 145 180	≈ 0.65	≈ 0.65	≈ 0.65
E2i.21.050.R.0	E2.21.050.R.0	E2C.21.050.R.0	50	63.8	035 038 048 063 075 100 125 145 180	≈ 0.69	≈ 0.69	≈ 0.69
E2i.21.068.R.0	E2.21.068.R.0	E2C.21.068.R.0	68	81.8	035 038 048 063 075 100 125 145 180	≈ 0.75	≈ 0.75	≈ 0.75
E2i.21.080.R.0*	E2.21.080.R.0*	E2C.21.080.R.0*	80	93.8	035 038 048 063 075 100 125 145 180	≈ 0.81	≈ 0.81	≈ 0.81
E2i.21.100.R.0*	E2.21.100.R.0*	E2C.21.100.R.0*	100	113.8	035 038 048 063 075 100 125 145 180	≈ 0.88	≈ 0.88	≈ 0.88
E2i.21.125.R.0*	E2.21.125.R.0*	E2C.21.125.R.0*	125	138.8	035 038 048 063 075 100 125 145 180	≈ 0.97	≈ 0.97	≈ 0.97

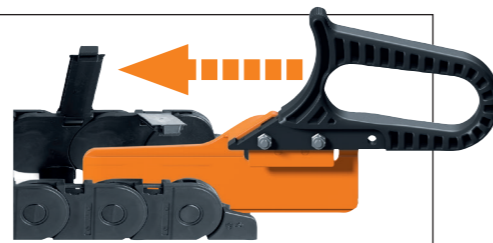
*Width available upon request. Delivery time upon request.

Complete Part No. with required radius (R). Example: E2.21.050.038.0

Reduce assembly time - E2.1 e-chain® opener

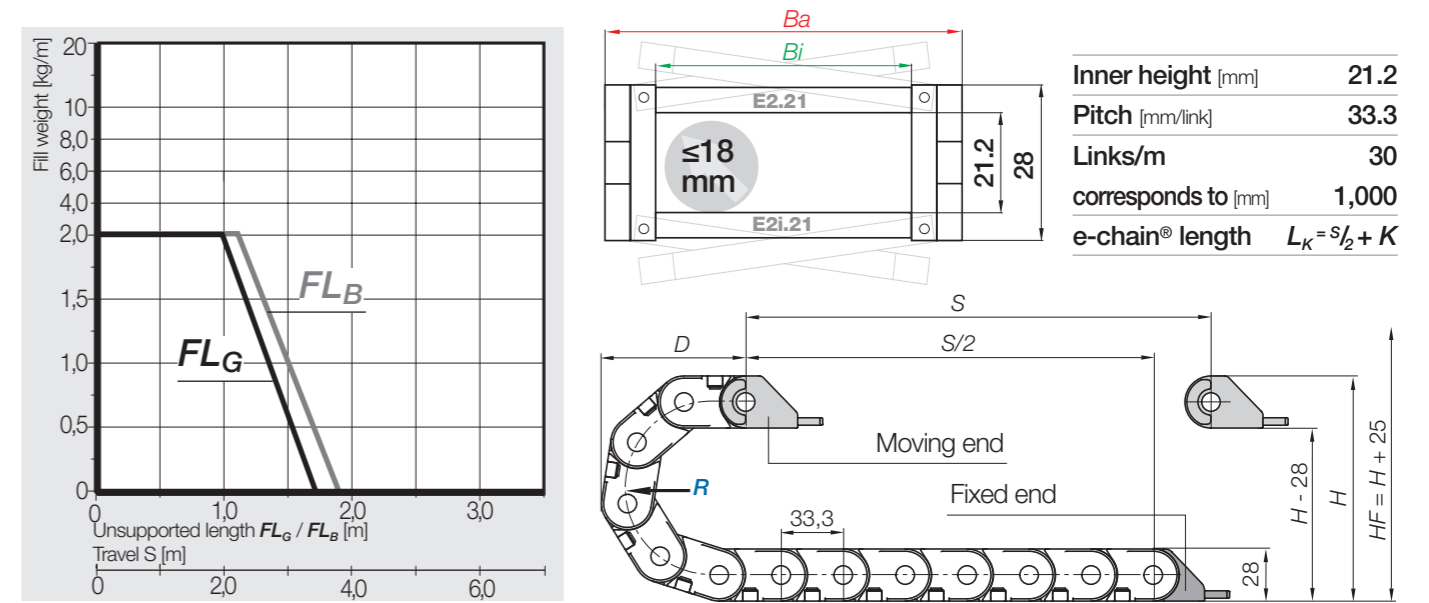
- igus® e-chain® opener with ergonomic handle for rapid opening
- Reduce opening times from 33 to 2 seconds
- Part No. EO2.17/21 for series E2.21i / E2.21
- Avoid crossbars damage

More information ► www.igus.co.uk/opener-E2.1



E2.1 | E2.21 | Installation dimensions

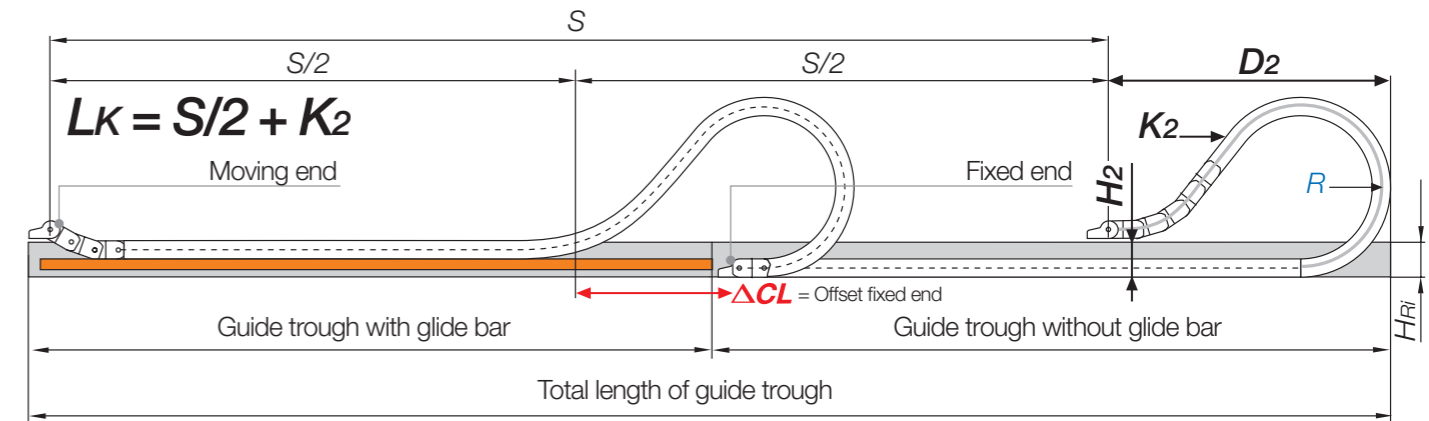
Unsupported applications | Short travels



R	035	038	048	063	075	100	125	145	180
H	98	104	124	154	178	228	278	318	388
D	99	102	112	127	139	164	189	209	244
K	180	190	220	265	305	385	460	525	635

The required clearance height: $H_F = H + 25\text{mm}$ (with 1.5kg/m fill weight)

Gliding applications | For long travel lengths from 10m to max. 75m

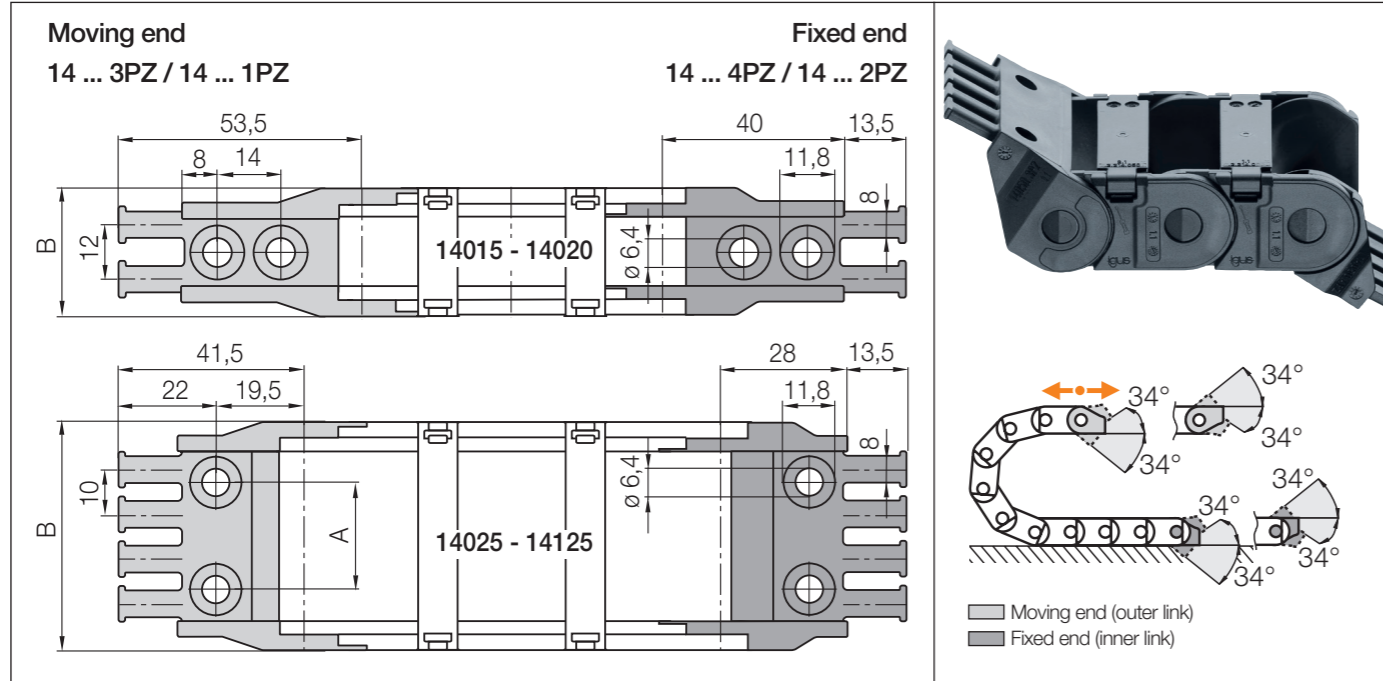


Note: Before using series E2i.21 on long travels please consult igus®.

For long travels, igus® recommends series E2.21 or E2C.21.

In case of travels between 4 and 10m we recommend an e-chain® with a longer unsupported length.

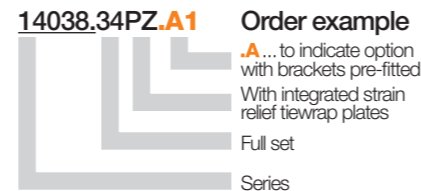
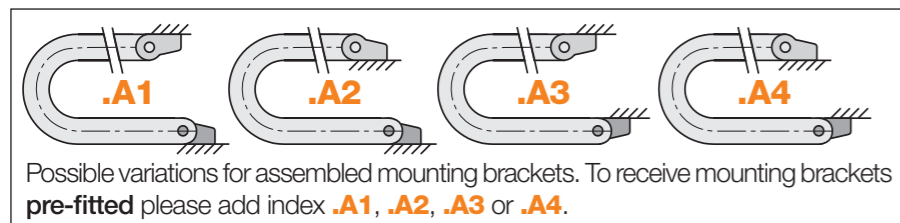
R	035	038	048	063	075	100	125	145	180
H ₂	70	76	96	100	100	100	100	100	100
D ₂ ⁺²⁵	100	102	112	208	255	345	490	550	745
K ₂	167	200	233	333	433	600	800	933	1,200
ΔCL	-	-	-	87	122	187	307	347	507



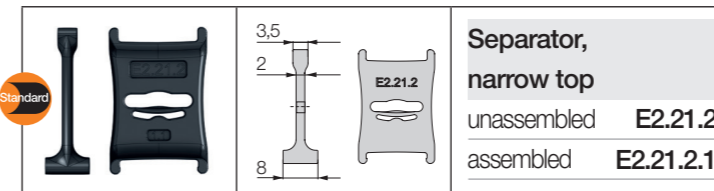
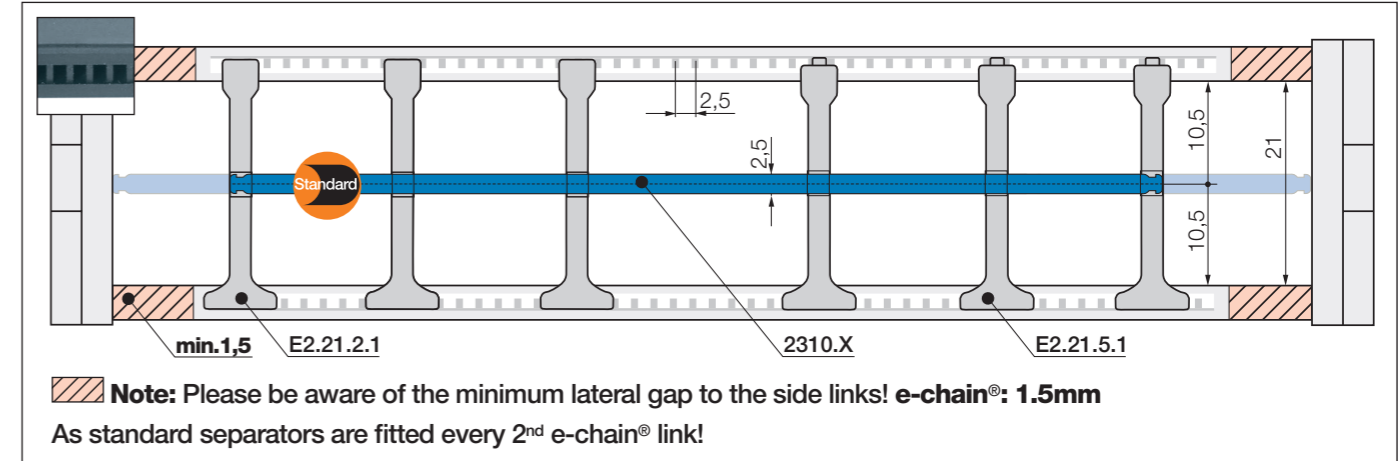
Polymer pivoting Polymer locking

Recommended for unsupported and gliding applications
Recommended for vertical hanging and standing applications

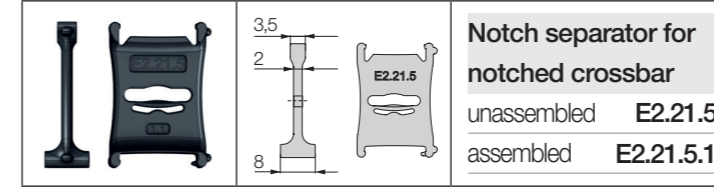
Width index	Part No. full set pivoting		Part No. full set locking		A [mm]	B [mm]	Number of teeth
	with tiewrap plates	without tiewrap plates	with tiewrap plates	without tiewrap plates			
015. ▶	14015.34PZ	–	14015.12PZ	–	–	28.5	2
020. ▶	14020.34PZ	–	14020.12PZ	–	–	33.5	2
025. ▶	14025.34PZ	–	14025.12PZ	–	13	38.5	2
038. ▶	14038.34PZ	–	14038.12PZ	–	24	51.5	4
050. ▶	14050.34PZ	–	14050.12PZ	–	36	63.5	5
068. ▶	14068.34PZ	–	14068.12PZ	–	54	81.5	7
080. ▶	14080.34PZ	–	14080.12PZ	–	66	93.5	8
100. ▶	14100.34PZ	–	14100.12PZ	–	86	113.5	10
125. ▶	14125.34PZ	–	14125.12PZ	–	111	138.5	13



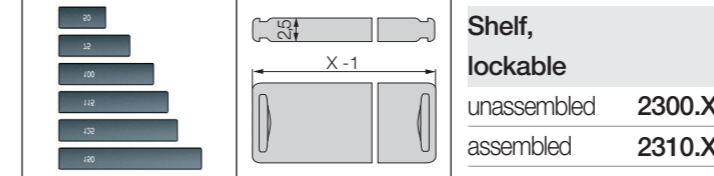
Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392



For even faster installation
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.



Locks securely in preset increments
Notch separator for exact positioning. Recommended for side-mounted applications.



Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

Shelves Width = X [mm]	X [mm]		X [mm]		X [mm]			
	unassembled	assembled	unassembled	assembled	unassembled	assembled		
015	2300.015	2310.015	060	2300.060	2310.060	087	2300.087	2310.087
025	2300.025	2310.025	062	2300.062	2310.062	090	2300.090	2310.090
030	2300.030	2310.030	065	2300.065	2310.065	100	2300.100	2310.100
038	2300.038	2310.038	070	2300.070	2310.070	103	2300.103	2310.103
040	2300.040	2310.040	075	2300.075	2310.075	110	2300.110	2310.110
050	2300.050	2310.050	077	2300.077	2310.077	120	2300.120	2310.120
057	2300.057	2310.057	080	2300.080	2310.080	125	2300.125	2310.125