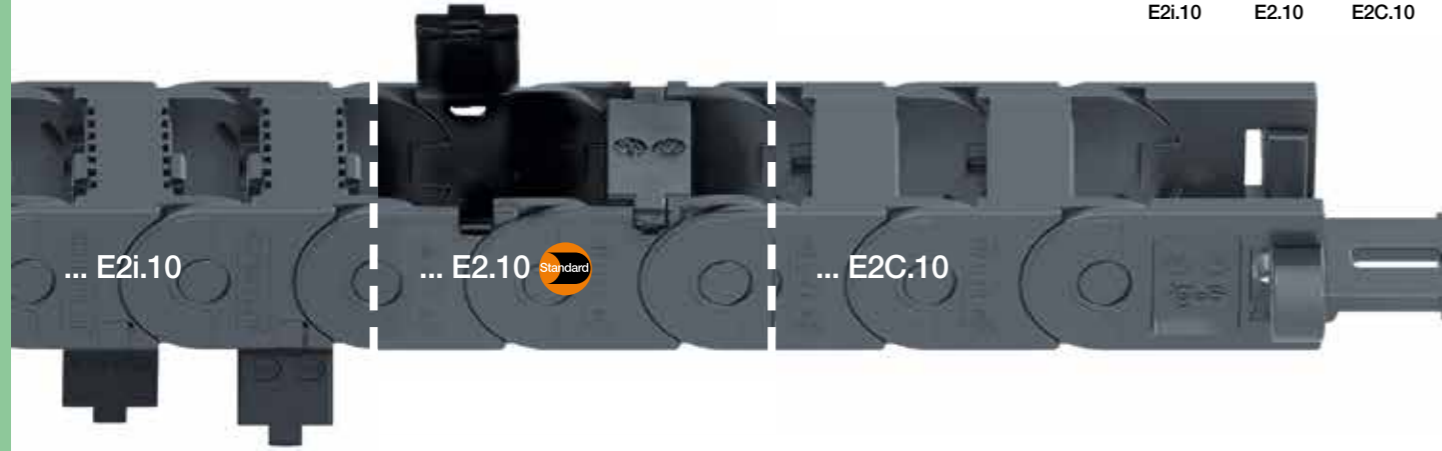
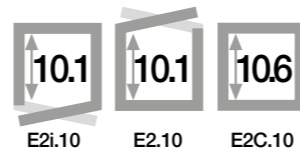


E2.1 micro | Series E2.10 | Product range

For very small spaces, strong



e-chains® | Series E2i.10 | Openable along the inner radius, from both sides
 e-chains® | Series E2.10 | Openable along the outer radius, from both sides
 e-chains® | Series E2C.10 | 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.10 [kg/m] | E2.10 [kg/m] | E2C.10 [kg/m] |
|--|--|---|------------|------------|--------------------------------|------------------|-----------------|------------------|
| E2i.10.06.R.0* | E2.10.06.R.0* | E2C.10.06.R.0* | 6 | 13.4 | 018 028 038 | ≈ 0.13 | ≈ 0.13 | ≈ 0.14 |
| E2i.10.10.R.0* | E2.10.10.R.0* | E2C.10.10.R.0* [⊙] | 10 | 17.4 | 018 028 038 | ≈ 0.14 | ≈ 0.14 | ≈ 0.14 |
| E2i.10.16.R.0 | E2.10.16.R.0 | E2C.10.16.R.0 [▲] | 16 | 23.4 | 018 028 038 | ≈ 0.16 | ≈ 0.16 | ≈ 0.16 |
| E2i.10.20.R.0 | E2.10.20.R.0 | E2C.10.20.R.0 [▲] | 20 | 27.4 | 018 028 038 | ≈ 0.17 | ≈ 0.17 | ≈ 0.17 |
| E2i.10.30.R.0 | E2.10.30.R.0 | E2C.10.30.R.0 [▲] | 30 | 37.4 | 018 028 038 | ≈ 0.19 | ≈ 0.19 | ≈ 0.20 |
| E2i.10.40.R.0 | E2.10.40.R.0 | E2C.10.40.R.0 | 40 | 47.4 | 018 028 038 | ≈ 0.22 | ≈ 0.22 | ≈ 0.23 |
| E2i.10.50.R.0 | E2.10.50.R.0 | E2C.10.50.R.0 | 50 | 57.4 | 018 028 038 | ≈ 0.25 | ≈ 0.25 | ≈ 0.25 |

*Interior separation not suitable for inner widths Bi 06 and 10

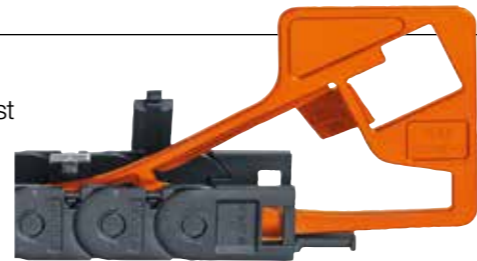
▲ ESD version (Electro Static Discharge) available from stock. More information ► From page 142

⊙ RBR version (Reverse Bend Radius), some radii available from stock. More information ► From page 130

Complete Part No. with required radius (R). Example: E2.10.20.038.0

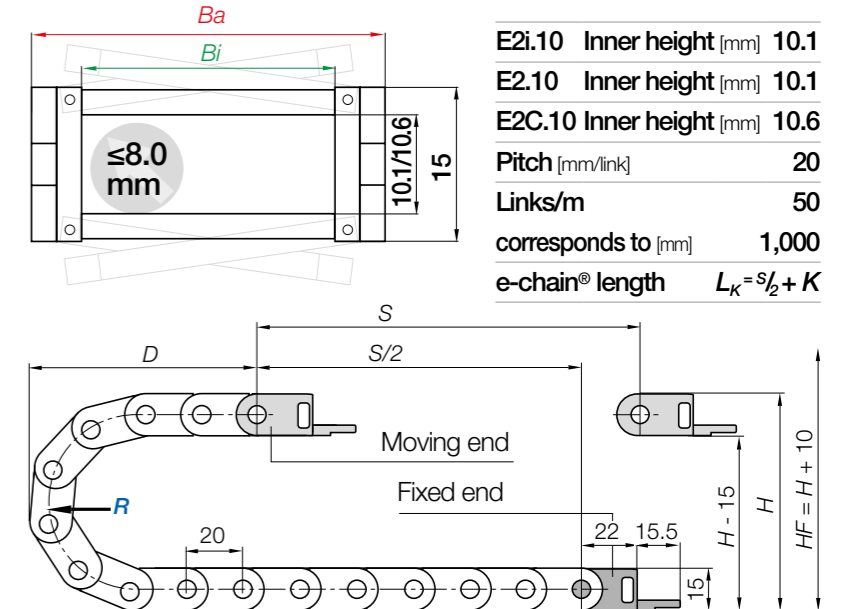
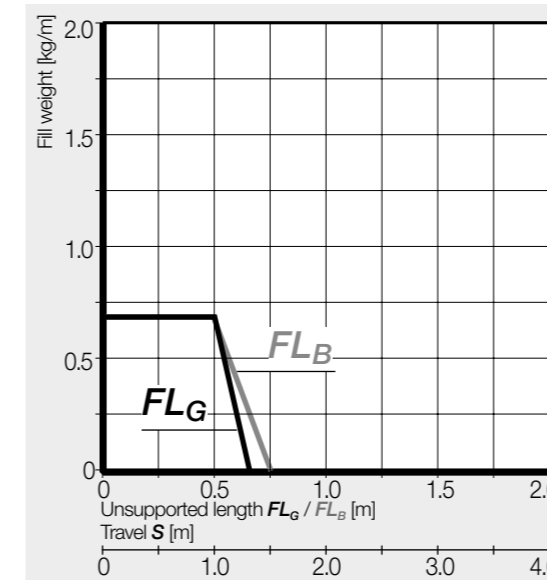
Reduce assembly time - E2.1 micro e-chain® opener

- For a quick and easy opening, an e-chain® opener is included with every first order of openable E2.1 micro from igus®
 - Reduce opening times from 33 to 2 seconds
 - Open a long e-chain® section in one go
- More information ► www.igus.eu/E2.1open



E2.1 micro | Series E2.10 | Installation dimensions

Unsupported applications | Short travels



| | | |
|--------|---------------------|-------------------------|
| E2i.10 | Inner height [mm] | 10.1 |
| E2.10 | Inner height [mm] | 10.1 |
| E2C.10 | Inner height [mm] | 10.6 |
| | Pitch [mm/link] | 20 |
| | Links/m | 50 |
| | corresponds to [mm] | 1,000 |
| | e-chain® length | $L_K = \frac{S}{2} + K$ |

| | | | |
|---|-----|-----|-----|
| R | 018 | 028 | 038 |
| H | 51 | 71 | 91 |
| D | 56 | 66 | 76 |
| K | 100 | 130 | 160 |

The required clearance height: $H_F = H + 10\text{mm}$ (with 0.2kg/m fill weight)

ESD - many sizes from stock

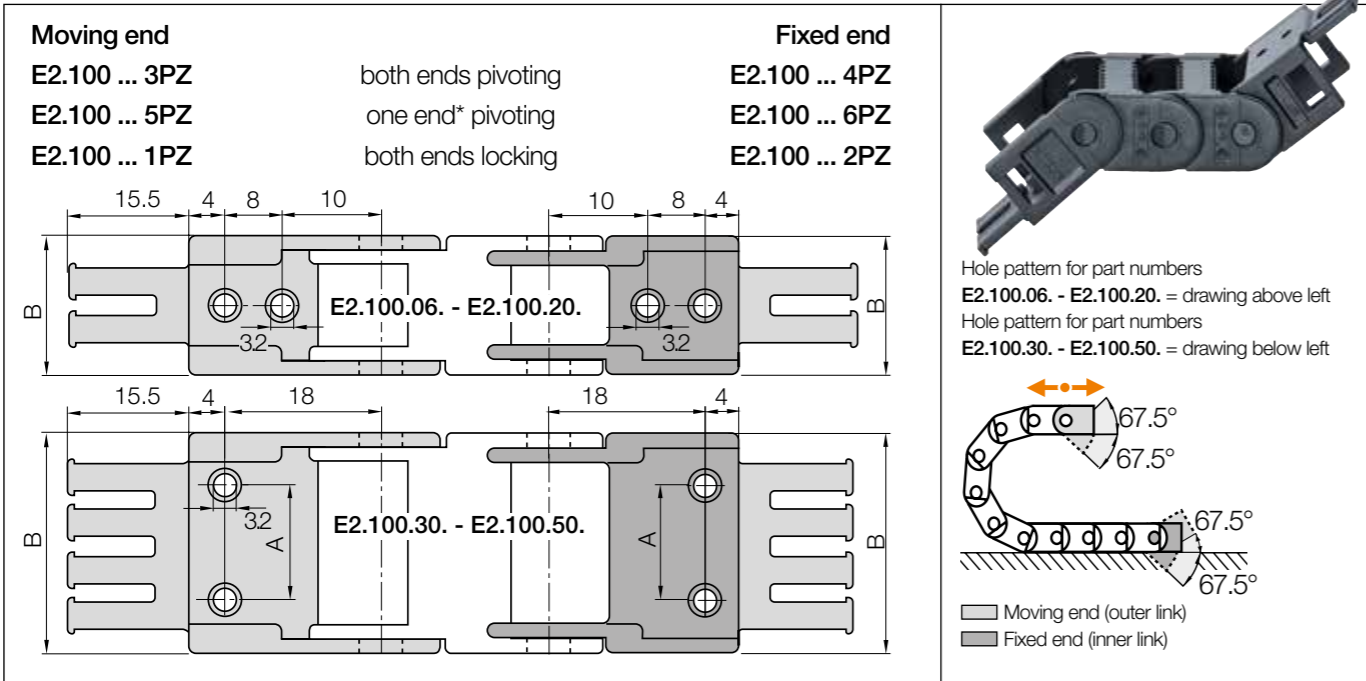
- Standardised product made from igumid ESD
 - ESD material tested for over 10 million cycles for the toughest requirements
 - Short delivery times including mounting brackets and interior separation; 24hrs, from stock
- More information and the complete product range
 ► From page 142 or at ► www.igus.eu/esd



Rotating energy supply systems with Reverse Bend Radius (RBR) - some radii available from stock

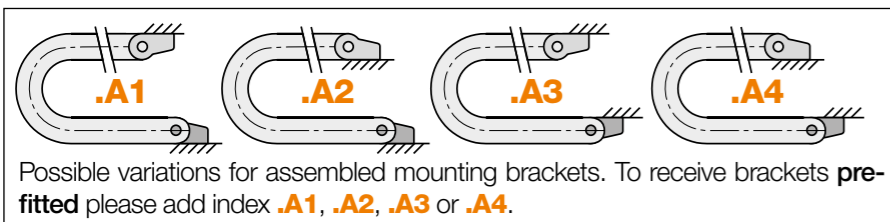
- Maximum rotation angle in minimal installation space
 - Minimal friction forces and maximum service life
 - Short delivery times from stock
- More information and the complete product range ► From page 130





| Width index | Part No. full set with tiewrap plates both ends pivoting | Part No. full set with tiewrap plates one end* pivoting | Part No. full set with tiewrap plates both ends locking | A [mm] | B [mm] | Number of teeth |
|-------------|--|---|---|--------|--------|-----------------|
| | | | | | | |
| 06 | E2.100.06.34PZ | E2.100.06.56PZ | E2.100.06.12PZ | - | 13.4 | 1 |
| 10 | E2.100.10.34PZ | E2.100.10.56PZ | E2.100.10.12PZ | - | 17.4 | 1 |
| 16 | E2.100.16.34PZ | E2.100.16.56PZ | E2.100.16.12PZ | - | 23.4 | 2 |
| 20 | E2.100.20.34PZ | E2.100.20.56PZ | E2.100.20.12PZ | - | 27.4 | 2 |
| 30 | E2.100.30.34PZ | E2.100.30.56PZ | E2.100.30.12PZ | 22 | 37.4 | 3 |
| 40 | E2.100.40.34PZ | E2.100.40.56PZ | E2.100.40.12PZ | 32 | 47.4 | 4 |
| 50 | E2.100.50.34PZ | E2.100.50.56PZ | E2.100.50.12PZ | 42 | 57.4 | 5 |

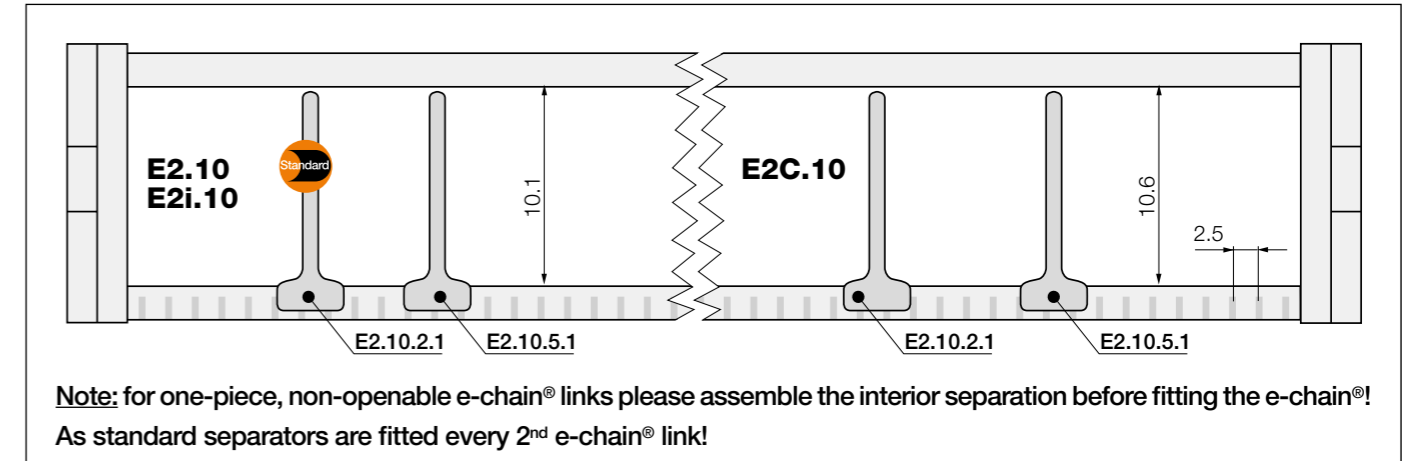
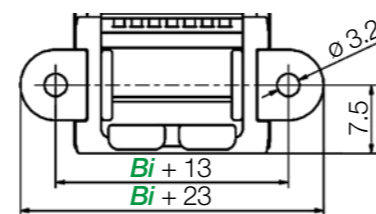
*One end pivoting: pivot angle = bend radius. One end only pivots towards the inner radius - whether fitted A1 or A4!



Additional features



The quickflange can be clipped-in to all mounting brackets. Contains a housing for hexagonal nut and socket cap bolt M3. **Single Part No.:** E2.150.QF or **Part No. incl. mounting bracket:** E2.100.20.34PZQF



| Standard separator* | |
|---------------------|-----------|
| unassembled | E2.10.2 |
| assembled | E2.10.2.1 |

| Notch separator for notched crossbar* | |
|---------------------------------------|-----------|
| unassembled | E2.10.5 |
| assembled | E2.10.5.1 |

Standard - for any application

For easy vertical separation. Separators can be arranged in any position in the cross-section. Without notches, freely movable.

Locks securely in preset increments

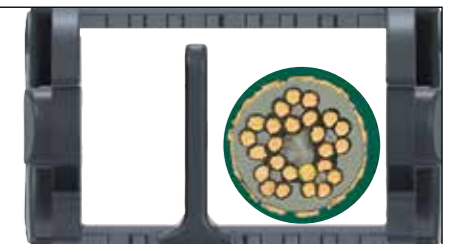
Notch separator for exact positioning. Recommended for side-mounted applications.

Note*: interior separation not suitable for inner widths **Bi 06** and **10!**

75% less wear

- igus® separators increase the service life of the cables by a factor of 4
- Separators with a rounded design for less cable wear and abrasion
- Optimised for easier and faster assembly

More information ► www.igus.eu/E2.1open



Interior separation assembly tool for the E2.1 micro

- Easy fitting of separators and shelves
- Significant assembly time reduction
- Grip and tool tip can be ordered separately and are easy to change

More information ► www.igus.eu/E2.1open

