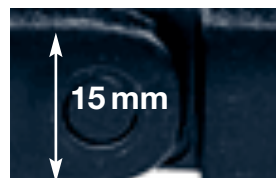


Mounting bracket  
with strain  
relief option

One-piece design,  
non snap-open

Very lightweight,  
low price

Dirt-repellent  
exterior



Original size 1:1  
Outer height 15 mm

### **+** Low weight, high dynamic

#### When to use the Series 06 E2 micro:

- If a small e-chain® with an inner height of 10,5 mm and small bending radii are required
- For inner widths up to 64 mm
- For unsupported lengths up to 0,62 m and fill weights up to 0,48 kg/m
- If extra torsional rigidity is required
- If a one-piece, non snap-open e-chain® is required



#### When to use a different igus® Series:

- If snap-open links are required
- ▶ **Series 07 zipper**, page 4.14
- ▶ **Series B07 E2 micro**, page 5.42
- If quick insertion of cables with preassembled connectors is required
- ▶ **Series E06 easy chain®**, page 3.20
- If very quiet operation is required
- ▶ **Series 045 E2 micro**, page 5.24



Series 06 with molded-in separator available.

More information ▶ page 5.38

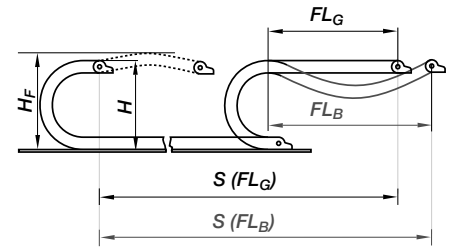
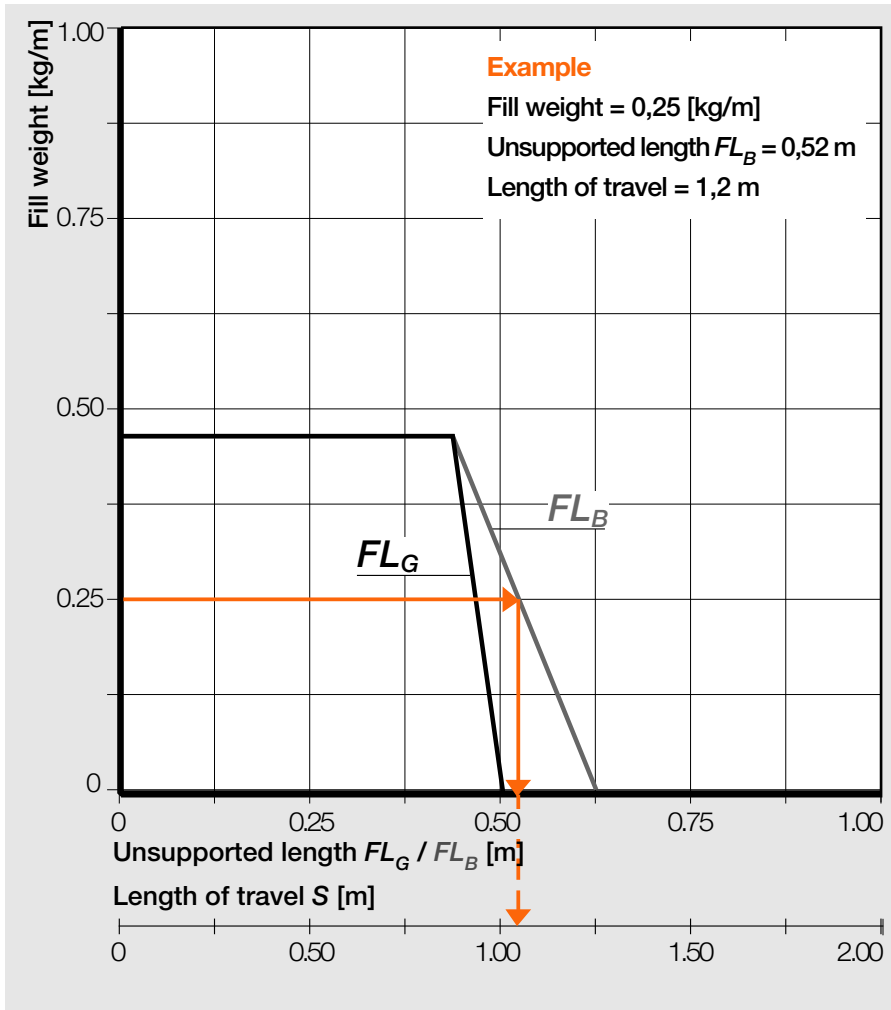


**Available from stock. Delivery in 24h or today!\***

\*Delivery time means time until shipping of goods



3D-CAD files, configurators, PDF ▶ [www.igus.de/en/06](http://www.igus.de/en/06)



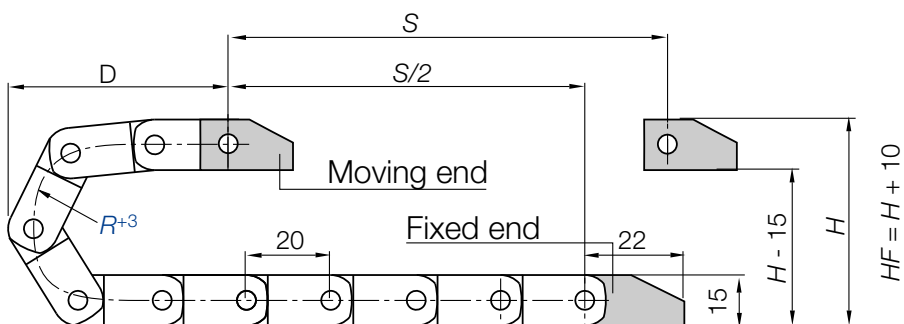
**Standard** **Unsupported applications**

Unsupported e-chains® feature positive camber over short travels. This must be accounted for when specifying the clearance height  $H_F$ . Please consult igus® if space is particularly restricted. More information ► **Design, page 1.8**

**Technical Data**

Speed, material, temperature and flammability class ► **page 5.10**

- Pitch** = 20 mm/link
- Links/m** = 50 (1000 mm)
- Chain length** =  $S/2 + K$



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

The required clearance height:  $H_F = H + 10$  mm (with 0,2 kg/m fill weight)

- i**  $FL_G$  = with straight upper run
- $FL_B$  = with permitted sag
- S** = Length of travel
- R** = Bending radius
- H** = Nominal clearance height
- $H_F$  = Required clearance height
- D** = Overlength e-chain®, radius in final position
- $K = \pi \cdot R + \text{"safety"}$



### Series 06 | One-piece, non snap-open e-chain®

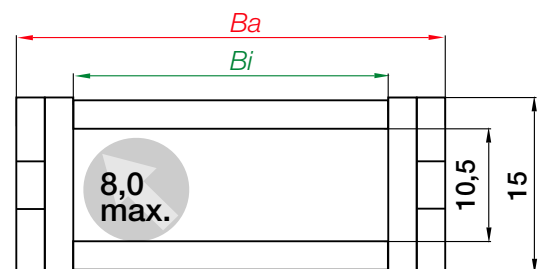
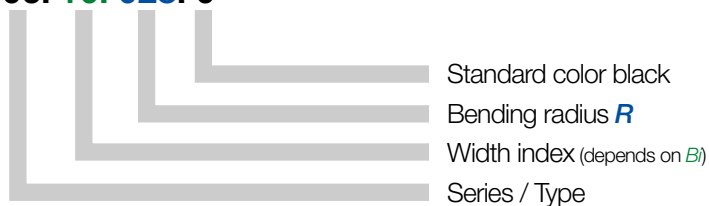
non snap-open	<i>Bi</i> [mm]	<i>Ba</i> [mm]	<i>R</i> Bending radii [mm]	Weight [kg/m]
06. 06 . <i>R</i> .0	6	12,5	018   028   038	≈ 0,13
06. 10 . <i>R</i> .0	10	16,5	018   028   038	≈ 0,14
06. 16 . <i>R</i> .0	16	22,5	018   028   038	≈ 0,16
06. 20 . <i>R</i> .0	20	27,0	018   028   038	≈ 0,17
06. 30 . <i>R</i> .0	30	37,0	018   028   038	≈ 0,20
06. 40 . <i>R</i> .0	40	47,0	018   028   038	≈ 0,23
06. 50 . <i>R</i> .0	50	57,0	018   028   038	≈ 0,26
06. 64 . <i>R</i> .0	64	71,0	018   028   038	≈ 0,30

Supplement Part No. with required radius (*R*). Example: 06.10.028.0



#### Order key

06. 10. 028. 0



06.10.028.0 = non snap-open e-chain®, *Bi* 10 mm inner width, *R* 028 mm radius, color black

More order examples and configuration options ► page 5.40

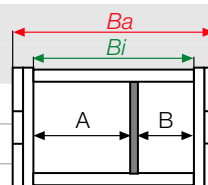


Standard e-chains® available from stock. Delivery in 24h or today!\*

\*Delivery time means time until shipping of goods

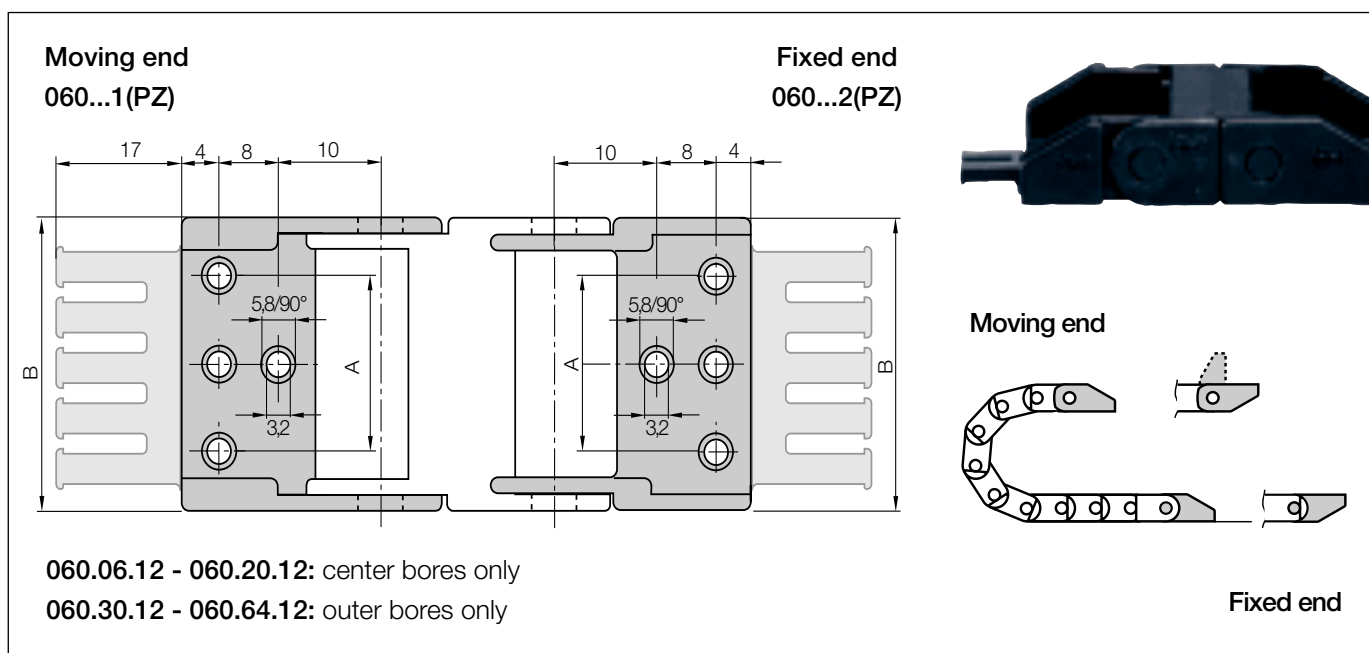
### Series 06 | Optional | With molded-in vertical separation

non snap-open	<i>Bi</i> [mm]	<i>Ba</i> [mm]	<i>R</i> Bending radii [mm]	Dim. A [mm]	Dim. B [mm]	Weight [kg/m]
06. 16 . <i>R</i> .0.S1	16	22	018	8,5	6,3	≈ 0,18



Supplement Part No. with required radius (*R*). Example: 06.16.028.0.S1

# E2 micro | Series 06 | Mounting brackets

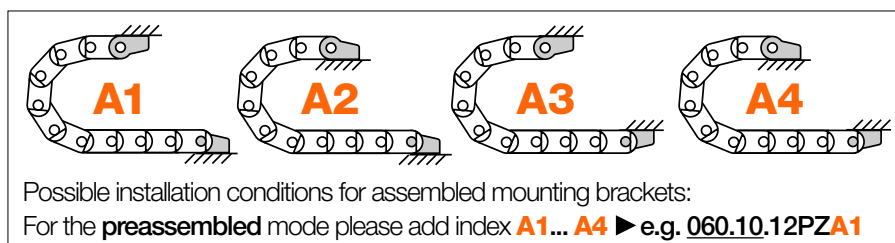


## Polymer locking, one-piece | Universal for e-chains® Recommended for unsupported applications

Width Index	Part No. full set with tiewrap plates	Part No. full set without tiewrap plates	Dim. A [mm]	Dim. B [mm]	Number of teeth
.06.	▶ 060.06.12PZ	060.06.12	–	12,5	1
.10.	▶ 060.10.12PZ	060.10.12	–	16,5	1
.16.	▶ 060.16.12PZ	060.16.12	–	22,5	2
.20.	▶ 060.20.12PZ	060.20.12	–	27,0	2
.30.	▶ 060.30.12PZ	060.30.12	22	37,0	3
.40.	▶ 060.40.12PZ	060.40.12	32	47,0	4
.50.	▶ 060.50.12PZ	060.50.12	42	57,0	5
.64.	▶ 060.64.12PZ	060.64.12	56	71,0	6



- One-piece mounting bracket
- Available with or without strain relief tiewrap plates
- Corrosion-resistant
- Inner and outer attachment possible
- Various installation options on the fixed end and/or the moving end



### Part No. structure

060.10.12 PZ A1



A... must be indicated on preassembled configurations  
With integrated strain relief tiewrap plates

Full set = 12

Mounting brackets for selected width index

### Single-part order

Mounting bracket **Moving end**

060.10.1 PZ A1 (preass. + tiewrap plate)

Mounting bracket **Fixed end**

060.10.2 PZ A1 (preass. + tiewrap plate)

### Additional Features



**Quicksnap** - the complete, detachable mounting unit. Part Nos. 060.10.QS, 060.16.QS, 060.20.QS, 060.40.QS available from stock



**Quickfix** - mounting bracket with dowel, available upon request



**Strain relief** e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with order options ▶ from page 10.1

# E2 micro | Series 06 | Options and order key



Standard

NC-Version -  
(no camber)  
without pretension

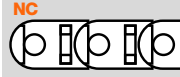
Reverse bending  
radius for circular  
movements

ATEX / ESD  
classified e-chains®  
 II 2 GD

Part No.  
Standard  
e-chains®



Part No.  
NC-Material  
e-chains®



Part No.  
RBR  
e-chains®



Part No.  
ESD-Material  
e-chains®



06.10.R.0

06.10.R.0.NC

06.10.R1/R2.0

06.05.R.0.ESD



Delivery time  
24h or today!\*

Delivery time  
3-5 work days

Delivery time  
10 work days

Delivery time  
5 work days

(2-5 work days at an  
express surcharge)

## Order example | Order key and color options



Order example for complete e-chain® (1,0 m),  
color black, with mounting brackets:

e-chain® (1,0 m) Please indicate e-chain® length or number of links: 1,0 m or 50 links **06.10.028.0**

+ Mounting brackets 1 set (with integrated strain relief) **060.10.12PZ**

Order text: 1,0 m 06.10.028.0 + 060.10.12PZ



Order key  
**06.10.028.0**



**Black e-chains® from stock!**

\*Colored e-chains® delivered in 15 work days (Delivery in 5 work days at an express surcharge, available upon request!)

## Color options for e-chains® and e-tubes

Color	Order index	Color	Order index
black	<b>.0 from stock!</b>	green*	<b>.7</b>
white*	<b>.1</b>	grey*	<b>.3</b> for e-chains®
violet*	<b>.5</b>	dusty grey*	<b>.3</b> for e-tubes
yellow*	<b>.4</b>	agate grey*	<b>.11</b>
orange*	<b>.2</b>	light grey*	<b>.14</b>
red*	<b>.6</b>	black grey*	<b>.13</b>
blue*	<b>.8</b>	yellow/black*	<b>.9</b>



**Available from stock. Delivery in 24h or today!\***

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