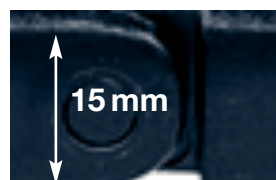


Mounting bracket
with strain
relief option

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

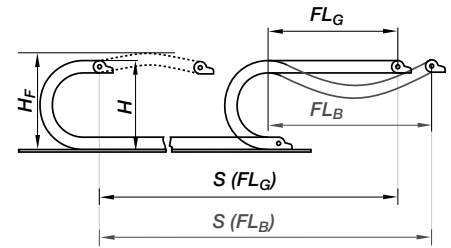
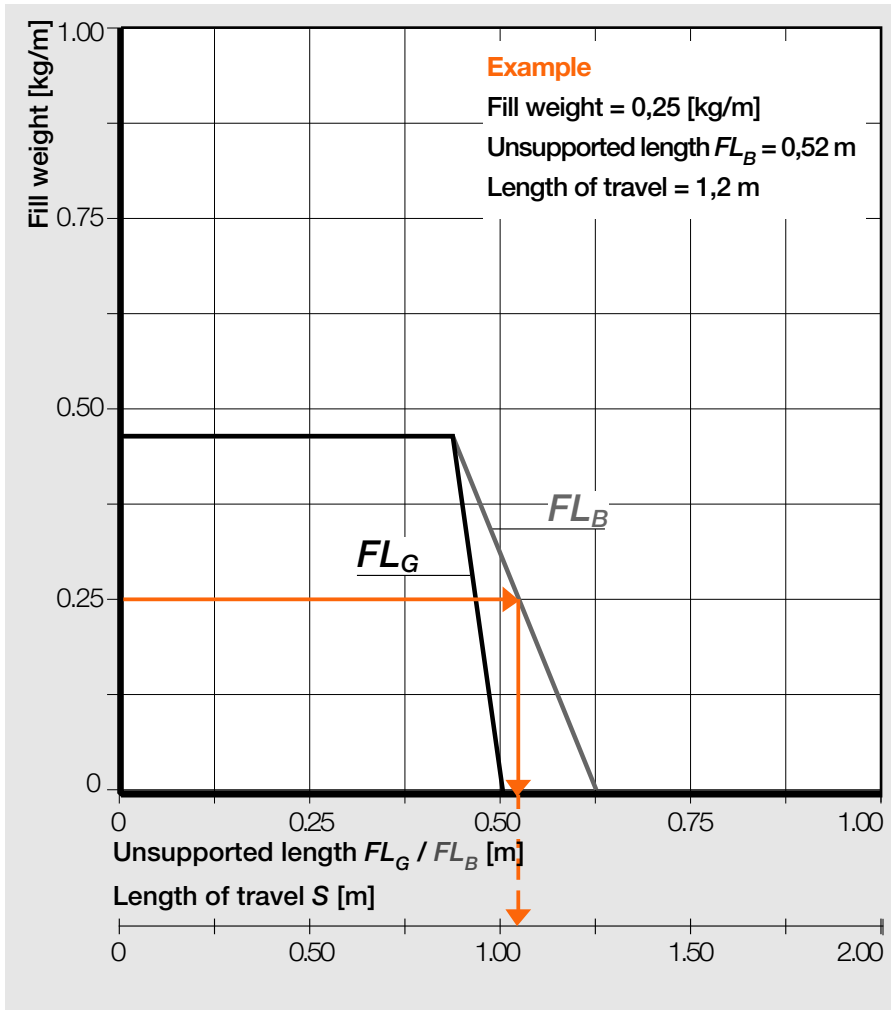


Available from stock. Delivery in 24h or today!*

*Delivery time means time until shipping of goods



3D-CAD files, configurators, PDF ▶ www.igus.de/en/06



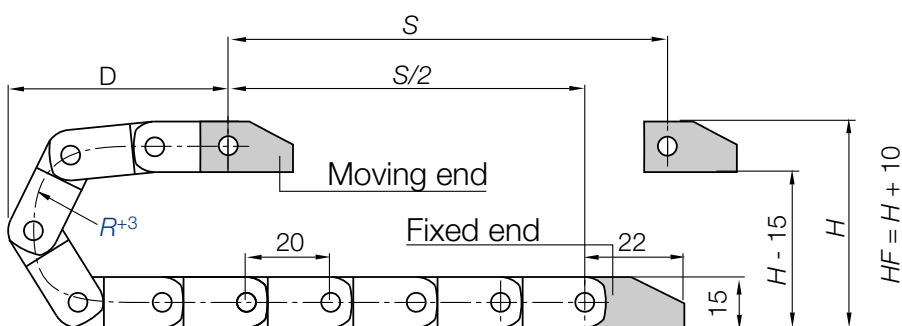
Standard **Unsupported applications**

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



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

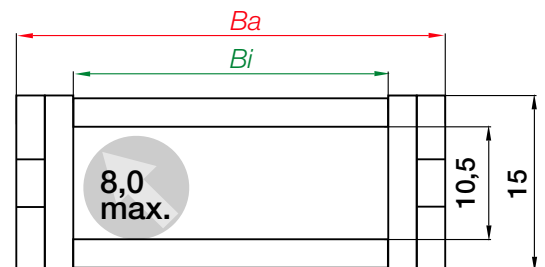
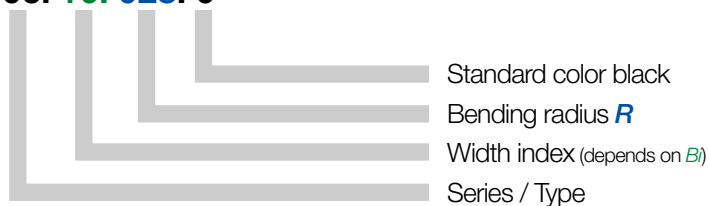
non snap-open	<i>Bi</i> [mm]	<i>Ba</i> [mm]	<i>R</i> Bending radii [mm]	Weight [kg/m]
06. 06 .R.0	6	12,5	018 028 038	≈ 0,13
06. 10 .R.0	10	16,5	018 028 038	≈ 0,14
06. 16 .R.0	16	22,5	018 028 038	≈ 0,16
06. 20 .R.0	20	27,0	018 028 038	≈ 0,17
06. 30 .R.0	30	37,0	018 028 038	≈ 0,20
06. 40 .R.0	40	47,0	018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

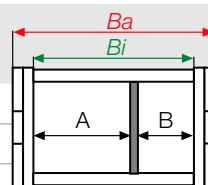


Standard e-chains® available from stock. Delivery in 24h or today!*

*Delivery time means time until shipping of goods

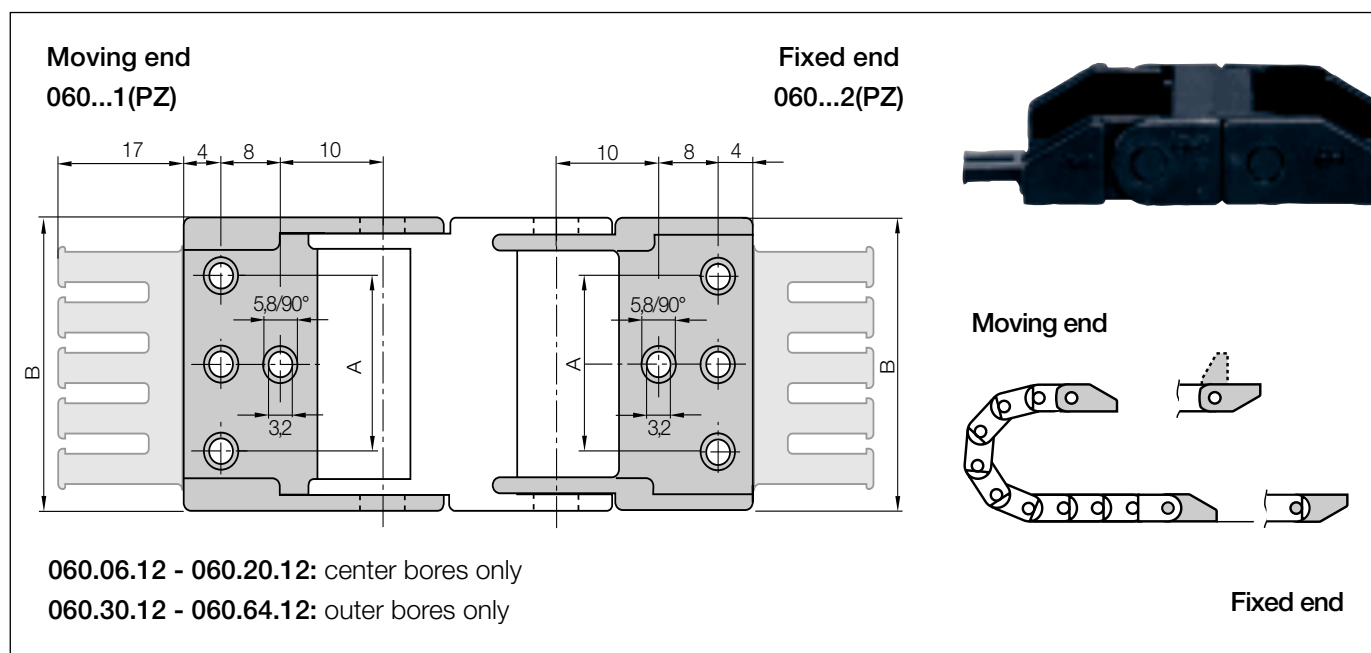
Series 06 | Optional | With molded-in vertical separation

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 .R.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

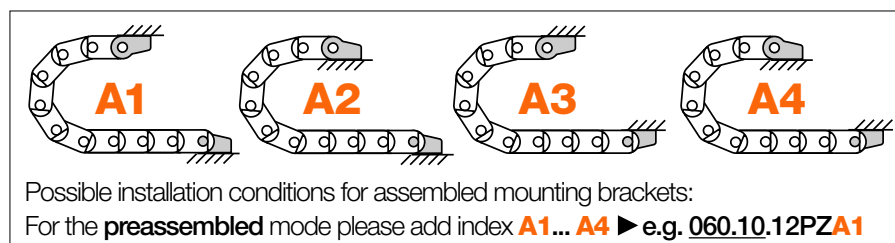


Polymer locking, one-piece | Universal for e-chains® Recommended for unsupported applications

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

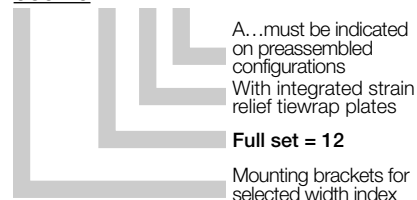


- One-piece mounting bracket
- Available with or without strain relief tiewrap plates
- Corrosion-resistant
- Inner and outer attachment possible
- Various installation options on the fixed end and/or the moving end



Part No. structure

060.10.12 PZ A1



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

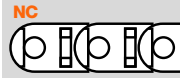
Reverse bending
radius for circular
movements

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



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