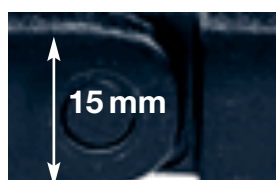


Mounting bracket
with strain
relief option

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

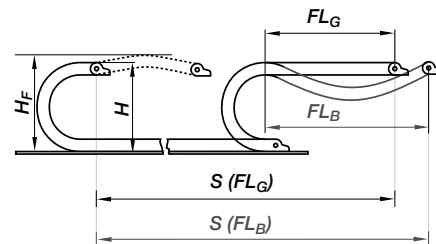
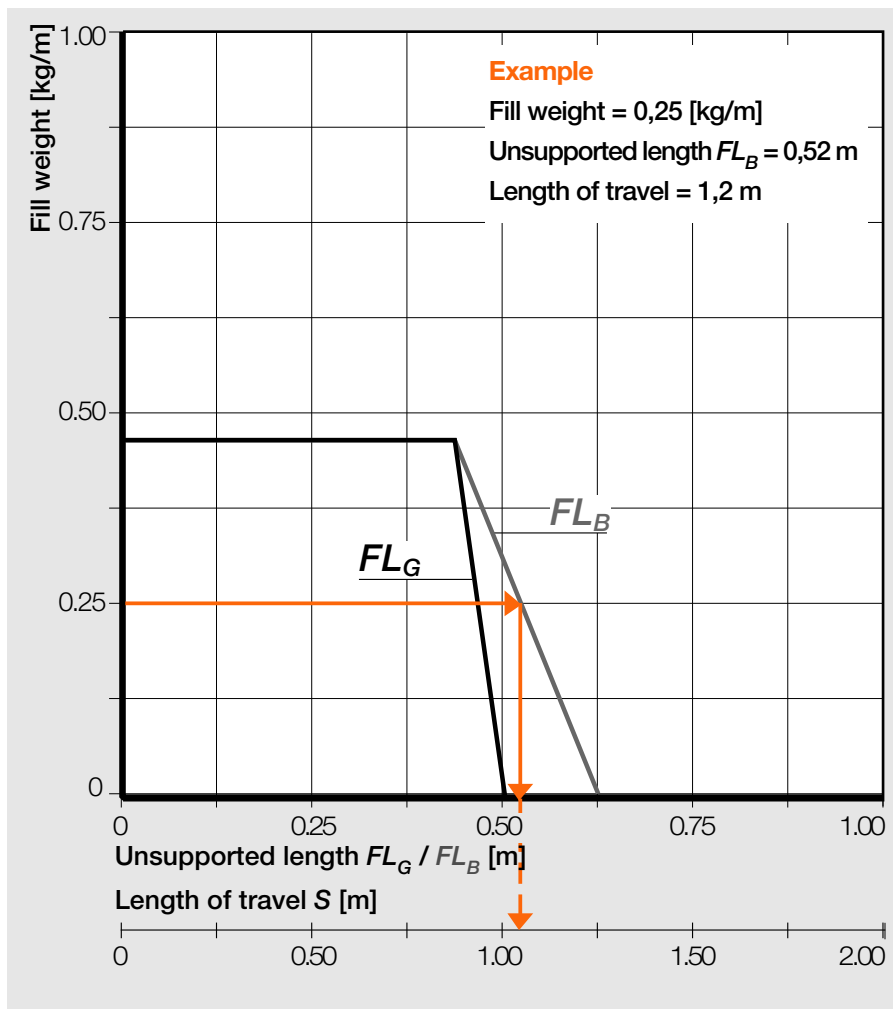


Available from stock. Delivery in 24h or today!*

*Delivery time means time until shipping of goods



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



Unsupported applications

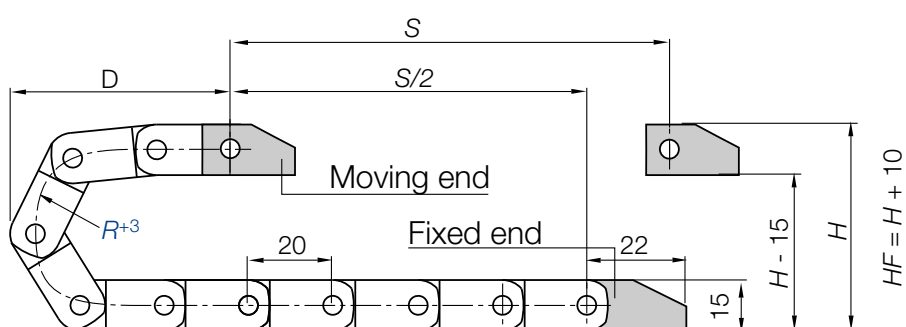
Unsupported e-chains® feature positive camber over short travels. This must be accounted for when specifying the clearance height H_F . Please consult igus® if space is particularly restricted. More information ► **Design, page 1.8**



Technical Data

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

Pitch = 20 mm/link
Links/m = 50 (1000 mm)
Chain length = $\frac{S}{2} + K$



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

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



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®

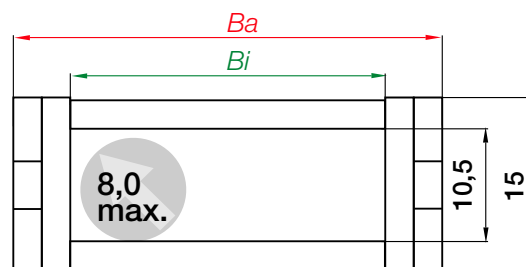
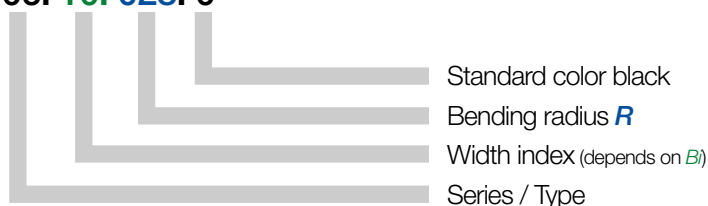
non snap-open	<i>Bi</i> [mm]	<i>Ba</i> [mm]	<i>R</i> Bending radii [mm]	Weight [kg/m]
06. 06 . <i>R</i> .0	6	12,5	018 028 038	≈ 0,13
06. 10 . <i>R</i> .0	10	16,5	018 028 038	≈ 0,14
06. 16 . <i>R</i> .0	16	22,5	018 028 038	≈ 0,16
06. 20 . <i>R</i> .0	20	27,0	018 028 038	≈ 0,17
06. 30 . <i>R</i> .0	30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

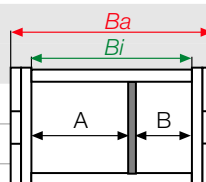


Standard e-chains® available from stock. Delivery in 24h or today!*

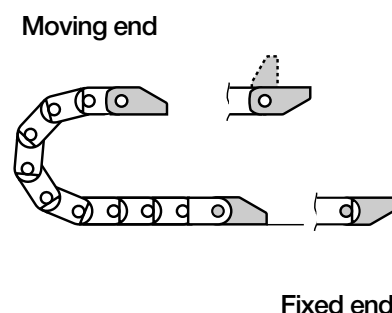
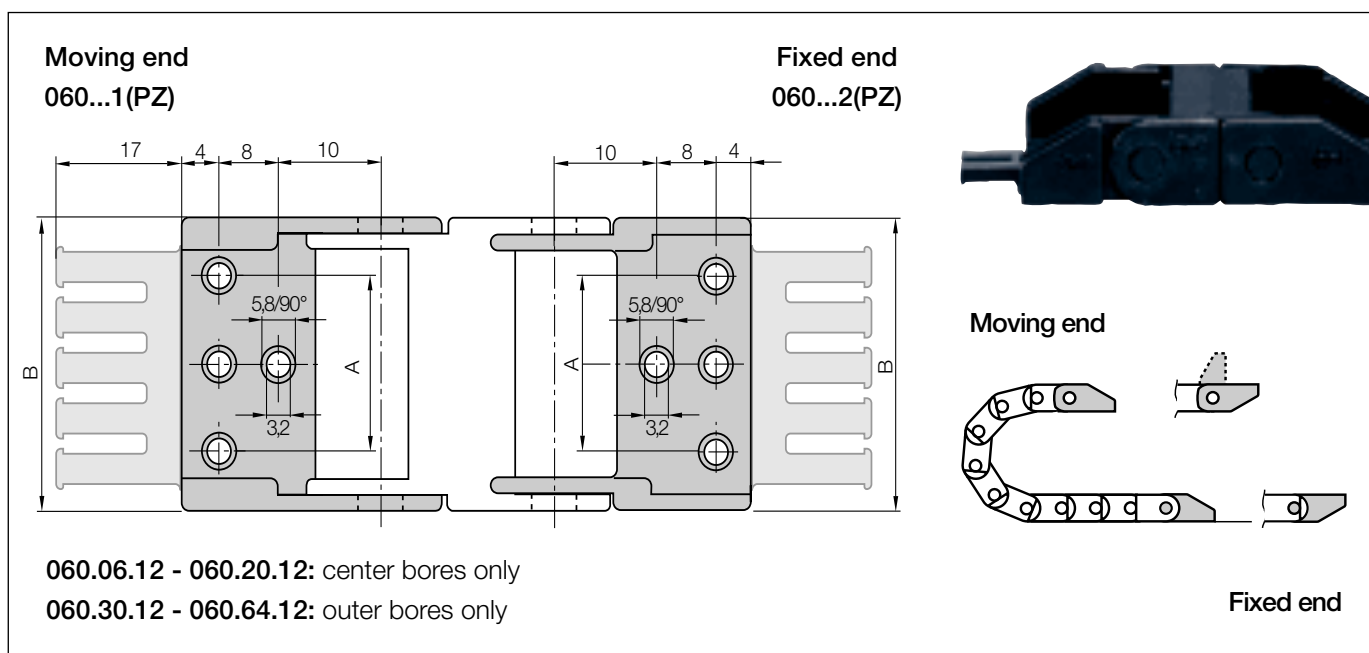
*Delivery time means time until shipping of goods

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**



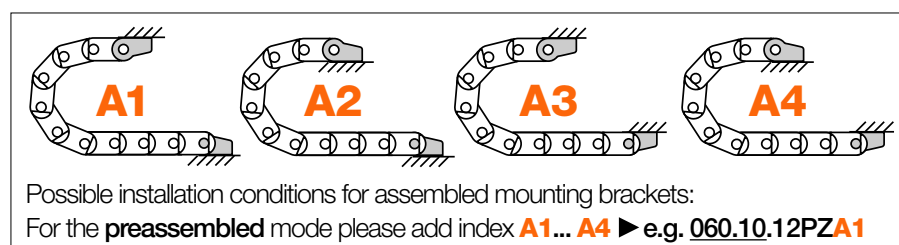
Polymer locking, one-piece | Universal for e-chains®

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



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

Part No. structure

060.10.12 PZ **A1**



Single-part order

Mounting bracket **Moving end**

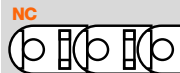
060.10.1 PZ A1 (preass. + tiewrap plate)

Mounting bracket **Fixed end**

060.10.2 PZ A1 (preass. + tiewrap plate)



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

*Standard**NC-Version -
(no camber)
without pretension**Reverse bending
radius for circular
movements**ATEX / ESD
classified e-chains®*
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*.006.10.*R*.0.*NC*06.10.*R1/R2*.006.05.*R*.0.*ESD***Delivery time**
24h or today!***Delivery time**
3-5 work days**Delivery time**
10 work days(2-5 work days at an
express surcharge)**Delivery time**
5 work days**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**

Standard color black

Bending radius *R*Width index (depends on *B*)

Series / Type

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

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

*Delivery time means time until shipping of goods

