

Mounting bracket
with strain
relief option

e-chain® zip-open
along outer radius

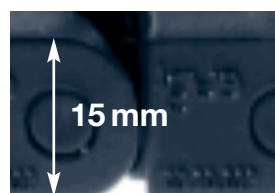
Lightweight
and stable

For high
accelerations

Can be separated
and joined at each link

Small pitch for low-noise,
smooth running

Two-piece
link design



Original size 1:1
Outer height 15 mm

+ Fast opening, for smallest spaces

When to use Series 07:

- If a very small e-chain® with an inner height of 10,3 mm and smallest bending radii are required
- For inner widths up to 64 mm
- For unsupported lengths up to 0,55 m and fill weights up to 0,4 kg/m
- Small pitch for smooth running
- If fast, zipper-like accessibility to cables is required
- If quick insertion of cables with preassembled connectors is required



When to use a different igus® Series:

- If a fully enclosed e-tube with zipper opening mechanism is required
 - ▶ **Series R07 zipper e-tube**, page 4.20
- If a cheaper, easy to open e-chain® is required
 - ▶ **Series B07 E2 micro**, page 5.42
- If cable installation without opening of lids is required
 - ▶ **Series E06 easy chain®**, page 3.20
- If opening of the links is not necessary
 - ▶ **Series 06 E2 micro**, page 5.36

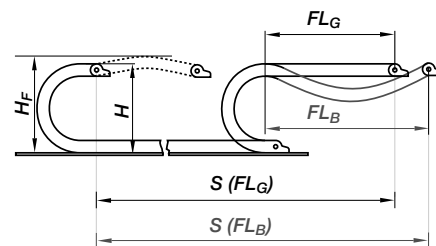
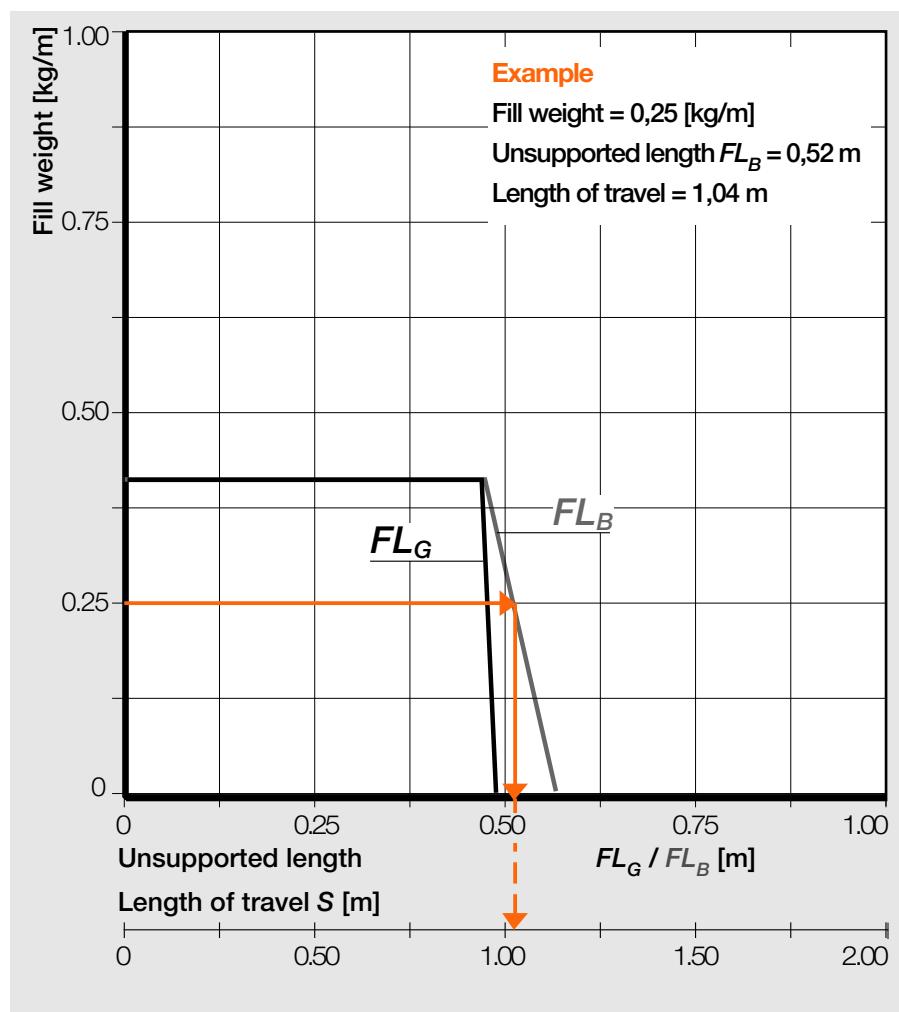


Available from stock. Delivery in 24h or today!*

*Delivery time means time until shipping of goods

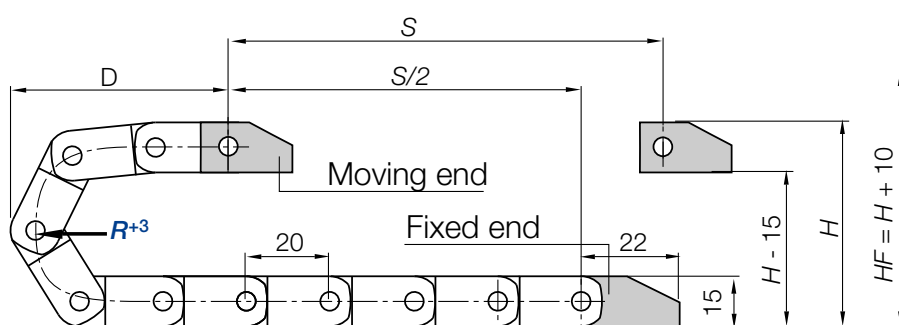


3D-CAD files, configurators, PDF ▶ www.igus.de/en/07



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 4.6**

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

R	018	028	038	048*
H	51	71	91	111
D	56	66	76	86
K	100	130	160	195

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

*Radius 048 only for Series 07.64 - more widths upon request!



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
 $K = \pi \cdot R + \text{"safety"}$



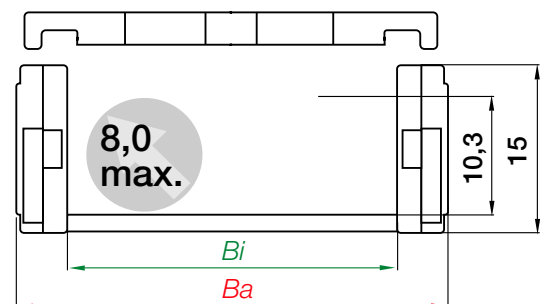
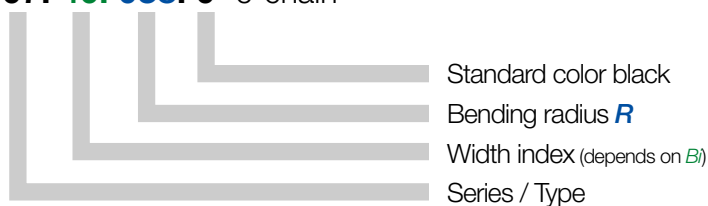
e-chain® | Series 07 | zip-open along outer radius

e-chain® zip-open along outer radius	<i>Bi</i> [mm]	<i>Ba</i> [mm]	<i>R</i> Bending radii [mm]	Weight [kg/m]
07. 06 . <i>R</i> .0	06	12,5	018 028 038 048*	≈ 0,13
07. 10 . <i>R</i> .0	10	16,5	018 028 038 048*	≈ 0,14
07. 16 . <i>R</i> .0	16	22,5	018 028 038 048*	≈ 0,16
07. 20 . <i>R</i> .0	20	27	018 028 038 048*	≈ 0,17
07. 30 . <i>R</i> .0	30	37	018 028 038 048*	≈ 0,20
07. 40 . <i>R</i> .0	40	47	018 028 038 048*	≈ 0,23
07. 50 . <i>R</i> .0	50	57	018 028 038 048*	≈ 0,26
07. 64 . <i>R</i> .0	64	71	018 028 038 048	≈ 0,30

*Radius 048 only for Series 07.64 - more widths upon request! Delivery time approx. 6-8 weeks after order.

Supplement Part No. with required radius (*R*) Example: 07.40.038.0

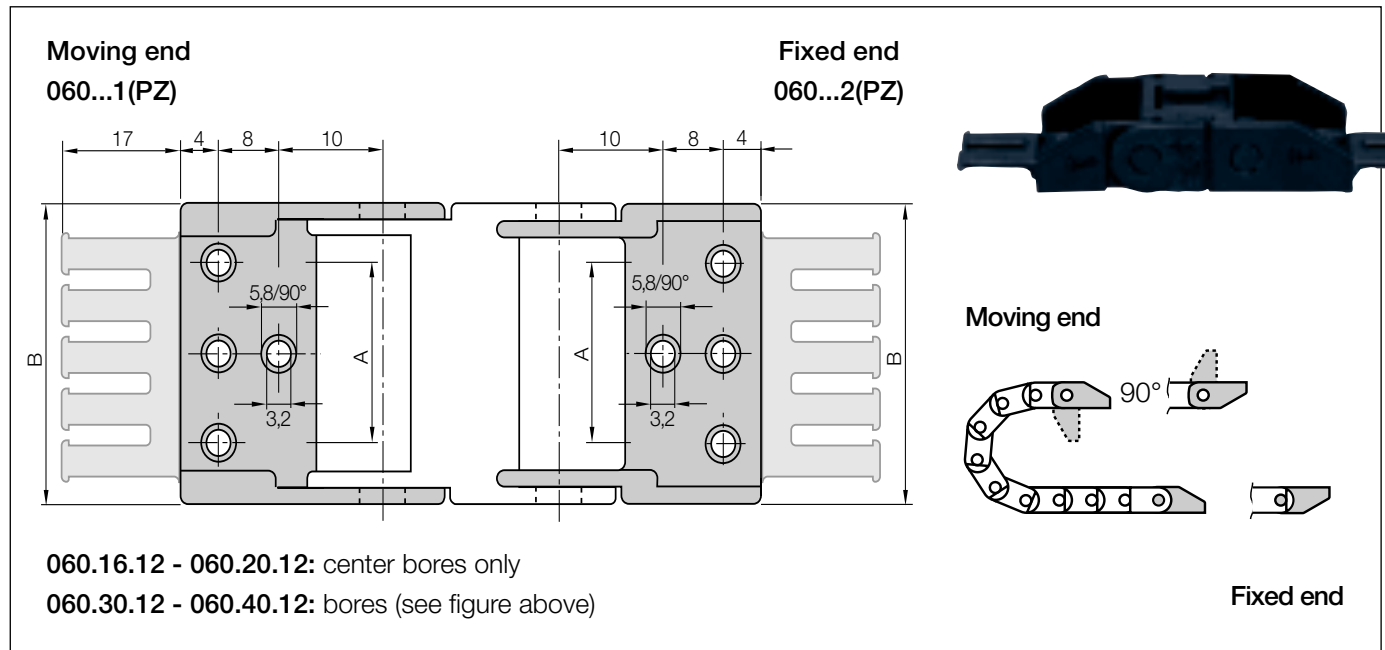
Order key 07. 40. 038. 0 e-chain®



07.40.038.0 = e-chain® zip-open along outer radius, *Bi* 40 mm inner width, *R* 038 mm radius, color black
More order examples and configuration options ► page 4.18

Part No. of e-chain® links as single parts ► page 4.7

Standard e-chains® available from stock. **Delivery in 24h or today!***
*Delivery time means time until shipping of goods



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

Recommended for unsupported applications

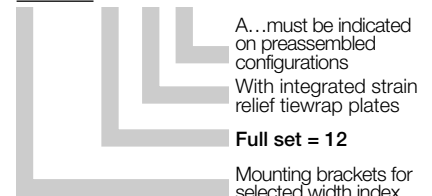
Width Index	Part No. full set with tiewrap plates	Part No. full set without tiewrap plates	Dim. A [mm]	Dim. B [mm]	Number of teeth
06. ▶	060.06. 12PZ	060.06. 12	—	12,5	1
10. ▶	060.10. 12PZ	060.10. 12	—	16,5	1
16. ▶	060.16. 12PZ	060.16. 12	—	22,5	2
20. ▶	060.20. 12PZ	060.20. 12	—	27,0	2
30. ▶	060.30. 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

060.40.12 PZ **A1**



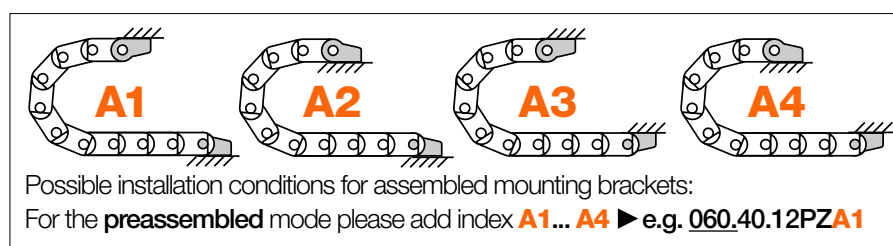
Single-part order

Mounting bracket **Moving end**

060.40.1 PZ A1 (preass. + tiewrap plate)

Mounting bracket **Fixed end**

060.40.2PZ A1 (preass. + tiewrap plate)



Additional Features



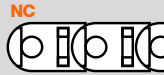
Quicksnap - the complete, detachable mounting unit.
Part Nos. 060.10.QS, 060.16.QS, 060.20.QS, 060.40.QS
available from stock



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

**Standard**Part No.
Standard
e-chains®*NC-Version -
(no camber)
without pretension*Part No.
NC-Material
e-chains®*ATEX / ESD
classified e-chains®
II 2 GD*Part No.
ESD-Material
e-chains®**07.40.R.0****07.40.R.0.NC****07.40.R.0.ESD****Delivery time**
24h or today!***Delivery time**
3-5 work days**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 **07.40.038.0****+ Mounting brackets** 1 set (with integrated strain relief) **060.40.12PZ**

Order text: 1,0 m 07.40.038.0 + 060.40.12PZ

**Order key**
07.40.038.0**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

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!)

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

*Delivery time means time until shipping of goods



zipper e-chains® e.g. in automatic equipment - reduce assembly time