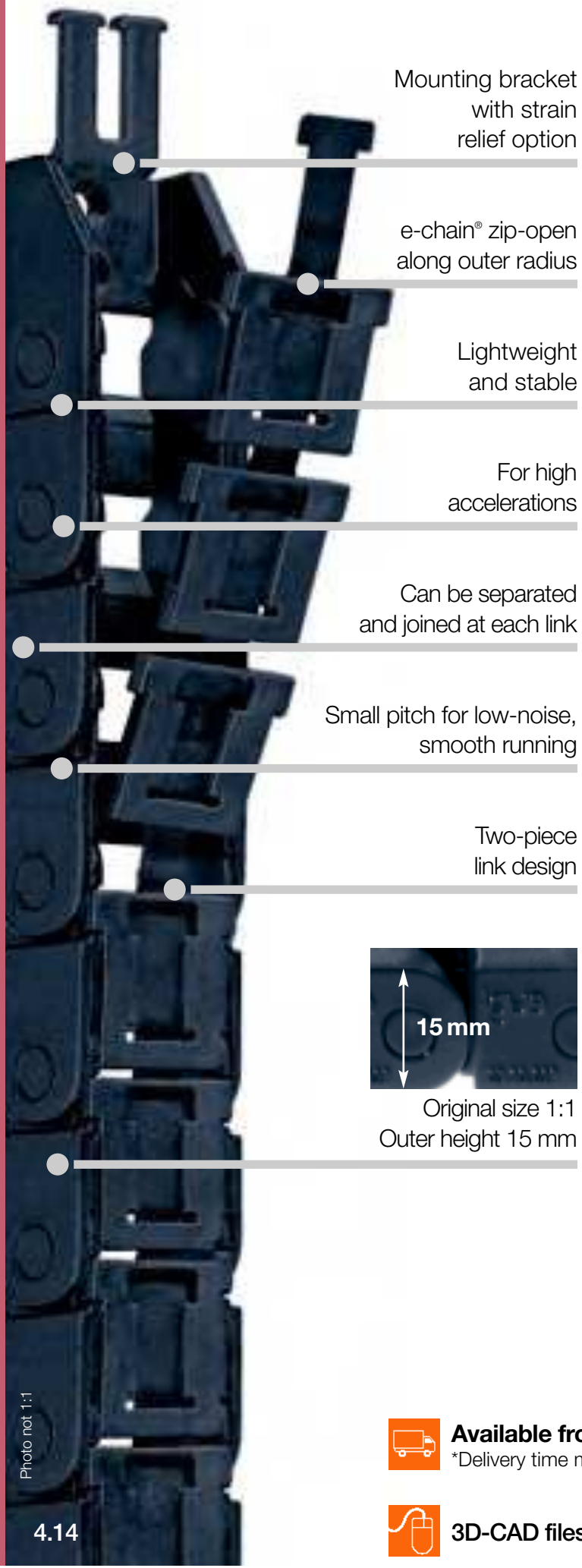


Photo not 1:1

Fast opening, for smallest spaces

When to use Series 07:

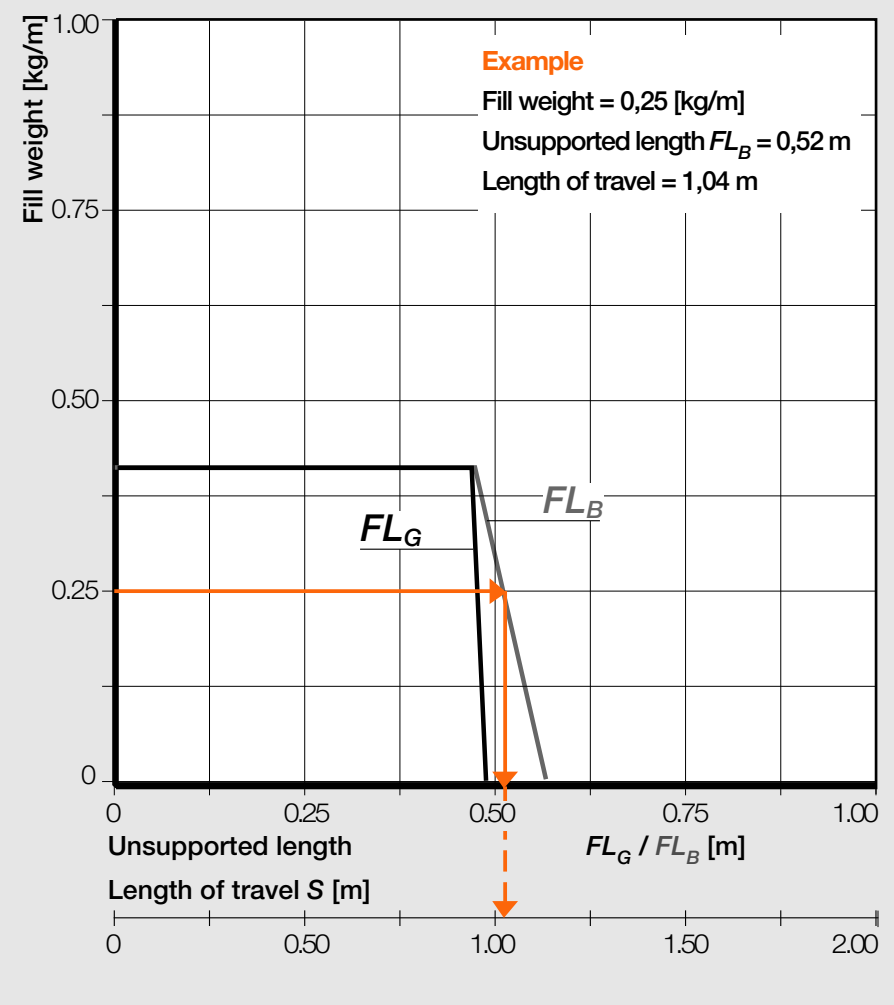
- If a very small e-chain® with an inner height of 10,3 mm and smallest bending radii are required
- For inner widths up to 64 mm
- For unsupported lengths up to 0,55 m and fill weights up to 0,4 kg/m
- Small pitch for smooth running
- If fast, zipper-like accessibility to cables is required
- If quick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

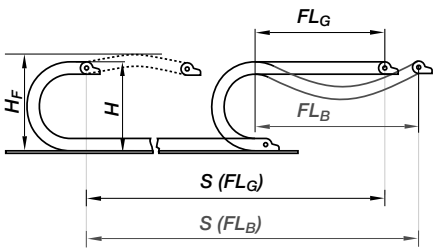
When to use a different igus® Series:

- 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

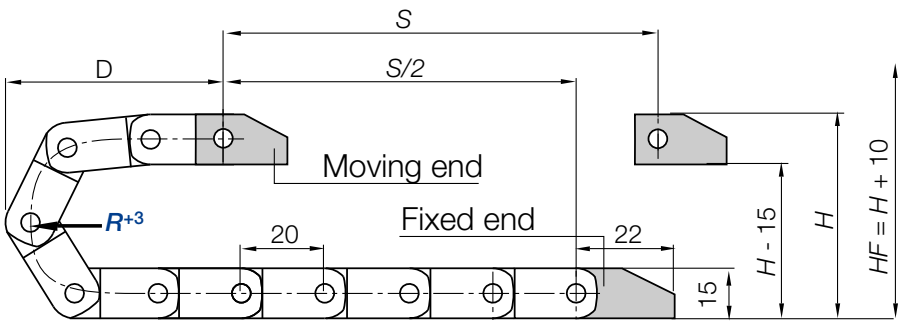
3D-CAD files, configurators, PDF ▶ www.igus.de/en/07





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 = π • R + "safety"

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

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

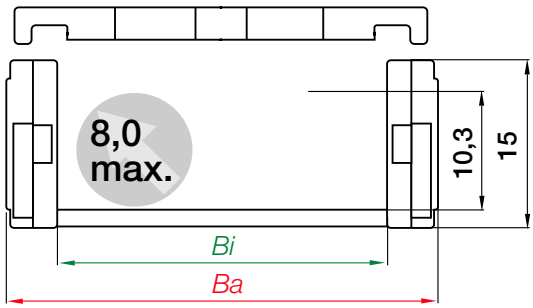
*Radius 048 only for Series 07.64 - more widths upon request! Delivery time approx. 6-8 weeks after order.

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

Order key

07. 40. 038. 0 e-chain®

- 0 – Standard color black
- 038 – Bending radius *R*
- 40 – Width index (depends on *Bi*)
- 07 – Series / Type



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

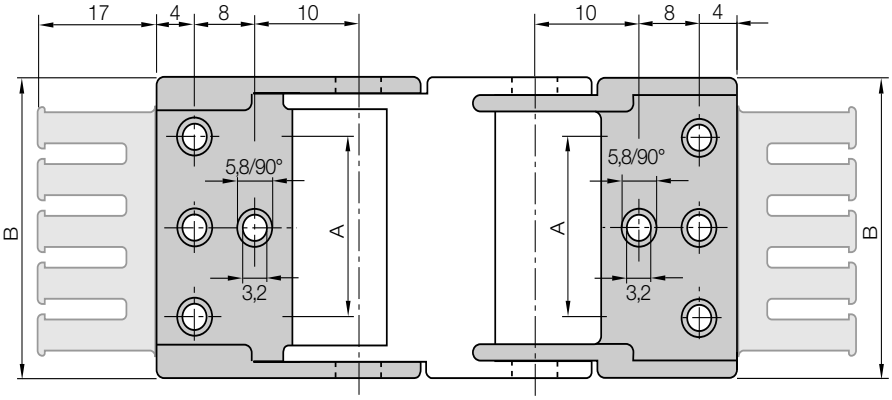
Part No. of e-chain® links as single parts ▶ page 4.7

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

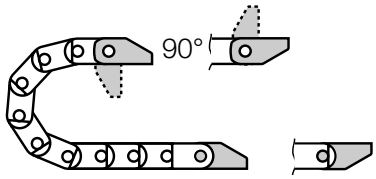
*Delivery time means time until shipping of goods

Moving end
060...1(PZ)

Fixed end
060...2(PZ)



Moving end



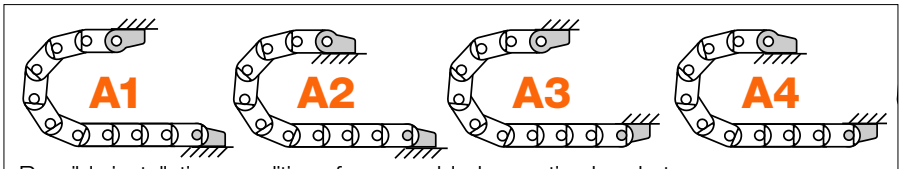
Fixed end

060.16.12 - 060.20.12: center bores only
060.30.12 - 060.40.12: bores (see figure above)

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



Possible installation conditions for assembled mounting brackets:
For the **preassembled** mode please add index **A1... A4** ▶ e.g. 060.40.12PZ**A1**

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	*NC-Version - (no camber) without pretension*	*ATEX / ESD classified e-chains®* II 2 GD
Part No. **Standard** e-chains®	Part No. **NC-Material** e-chains®	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

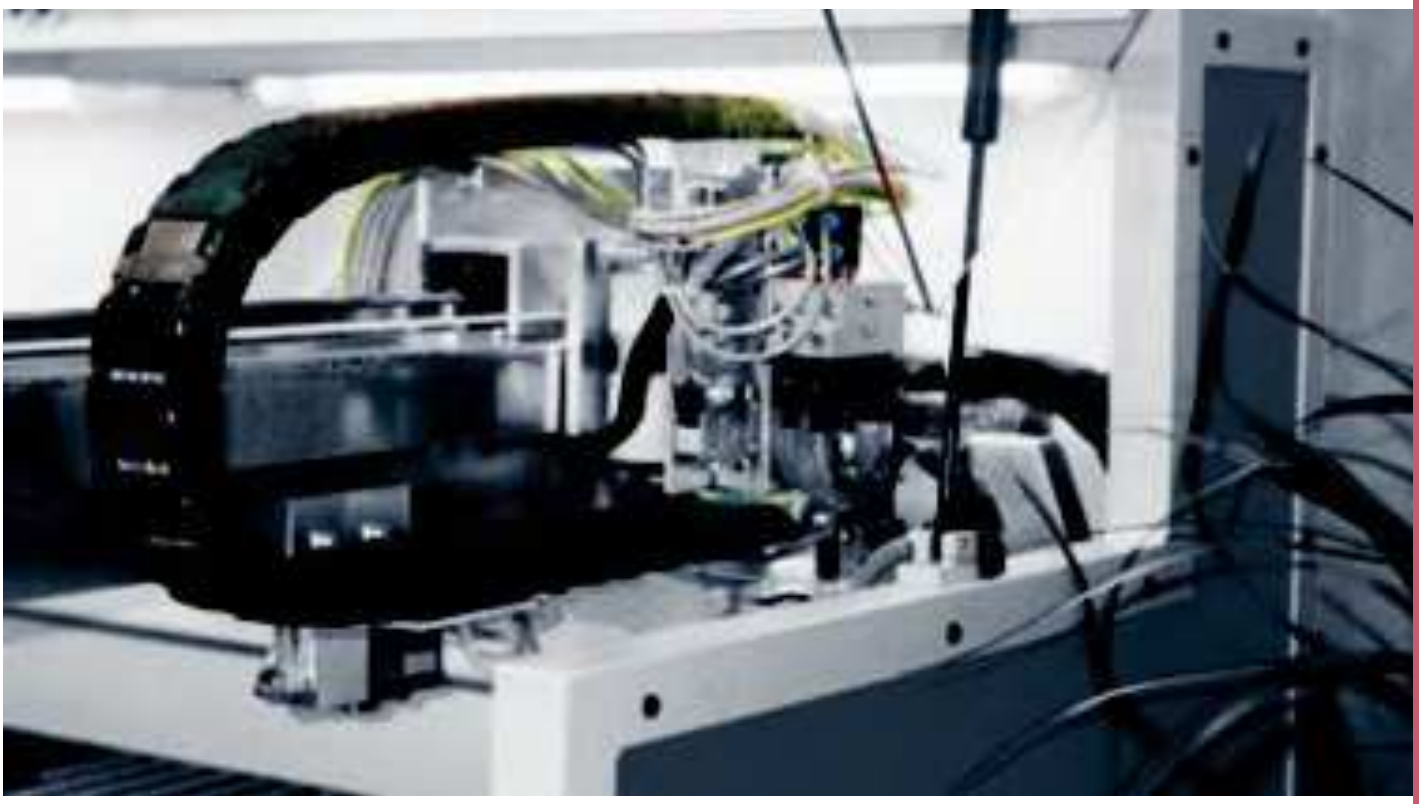
- Standard color black
- Bending radius *R*
- Width index (depends on *Bi*)
- Series / Type

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