

Price Index



7 Widths
9 Bending Radii



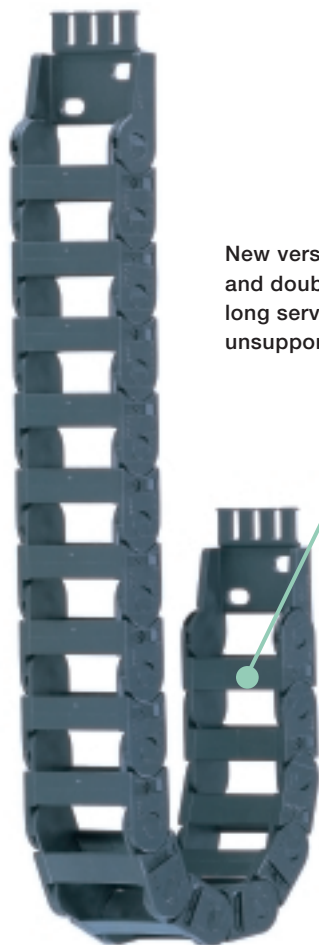
Interior separation
possible



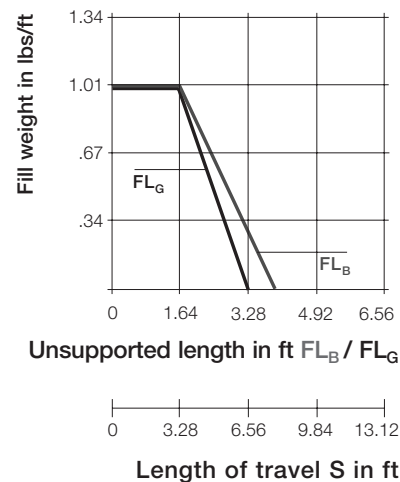
Mounting bracket with
an without strain relief
tiewrap plates



Quickfix: mounting
bracket with pin
Call for availability

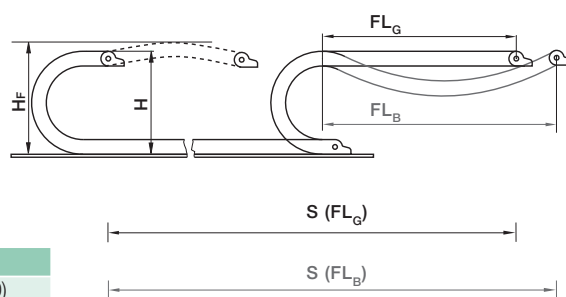


New version with larger pins
and double stop dog for
long service life and long
unsupported length



Unsupported length

- FL_B = unsupported with permitted sag
- FL_G = unsupported with straight upper run



Product Range:

Inner widths (Bi) inches (mm):	.59 (15), .98 (25), 1.50 (38), 1.97 (50), 2.48 (63), 3.15 (80), 3.94 (100)
Bending Radii (R) inches (mm):	1.10 (028), 1.50 (038), 1.89 (048), 2.95 (75), 3.94 (100), 4.33 (110), 4.92 (125), 5.71 (145), 7.09 (180)
Pitch:	1.20 (30.5 mm)/link = 10.06 links/ft (33 links/m) 39.6 (1006.5mm)



When to use the New Series 10 E2 “mini”:

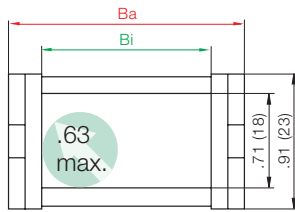
- If snap-open links are not necessary
- If connection options are required (Quicksnap, Quickfix, etc.)
- If small but very stable chain is required



When not to use the New Series 10 E2 “mini”:

- If snap-open links are necessary
 - ▶ New Series 15 “Zipper”, **Chapter 3**
- If quick insertion of cables with pre-assembled connectors is required
 - ▶ Series E14 “E-Z Chain”, **Chapter 2**

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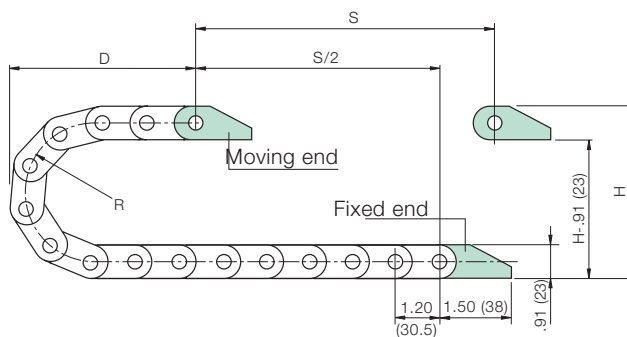


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Part No.	Bi	Ba	Bending Radii for ALL Widths
10-015	.59 (15)	1.02 (26)	1.10 (028)
10-025	.98 (25)	1.42 (36)	1.50 (038)
10-038	1.50 (38)	1.93 (49)	1.89 (048)
10-050	1.97 (50)	2.40 (61)	2.95 (075)
10-5	2.48 (63)	2.95 (76)	3.94 (100)
10-6	3.15 (80)	3.70 (94)	4.33 (110)
10-7	3.94 (100)	4.45 (113)	4.92 (125)
			5.71 (145)
			7.09 (180)

Supplement part no. with required radius
for example, 10-25-100-0

Installation Dimensions



Pitch: = 1.20 (30.5 mm) per link
Links per ft (m): = 10.06 (33)
Chain length: = $\frac{S}{2} + K$

R	1.10 (028)	1.50 (038)	1.89 (048)
H*	3.15 (80)	3.94 (100)	4.72 (120)
D	2.76 (70)	3.15 (80)	3.54 (90)
K	5.91 (150)	7.28 (185)	8.46 (215)

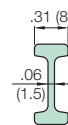
R	2.95 (075)	3.94 (100)	4.33 (110)
H*	6.89 (175)	8.86 (225)	9.65 (245)
D	4.72 (120)	5.71 (145)	6.10 (155)
K	11.81 (300)	14.76 (375)	16.14 (410)

R	4.92 (125)	5.71 (145)	7.09 (180)
H*	10.83 (275)	12.40 (315)	15.16 (385)
D	6.69 (170)	7.48 (190)	8.86 (225)
K	17.91 (455)	20.47 (520)	24.80 (630)

*The required clearance height is $H_F = H + .79 (20)$ with 1.01 lbs/ft (1.5 kg/m) fill weight. Please consult igus® if space is particularly restricted.

Interior separation

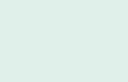
These separators are used when vertical subdivision is required.



Vertical Separators

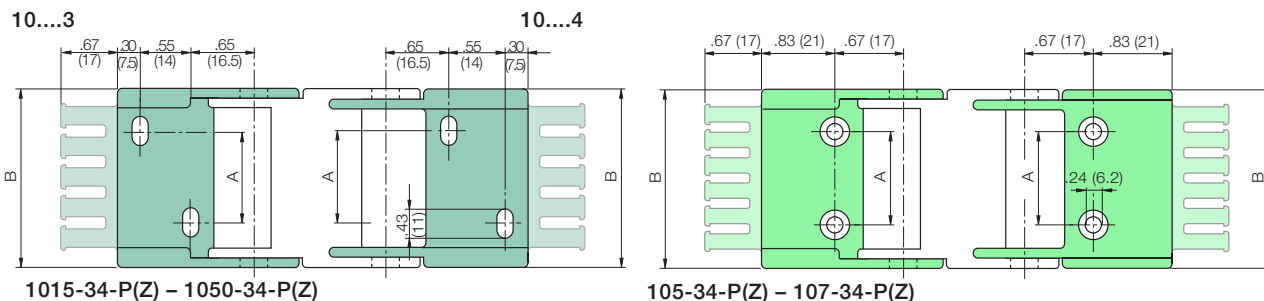
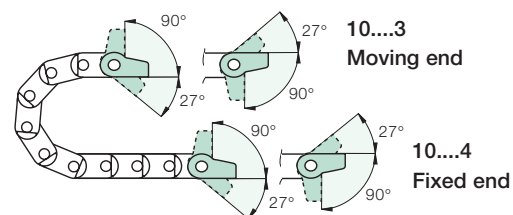
Unassembled	Part No. 101
Assembled	Part No. 111

PDF: www.igus.com/echainpdf.asp
Specs/CAD/Samples/Size Selector/RFQ:
www.igus.com/echain.asp



Mounting Brackets (2 options for all applications)**Option 1: pivoting**

- Pivoting
- Short and long travel
- Confined installation conditions
- Corrosion-resistant



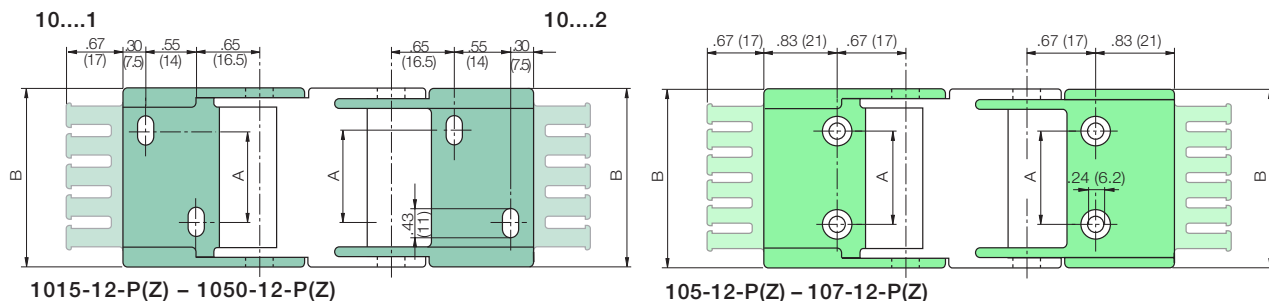
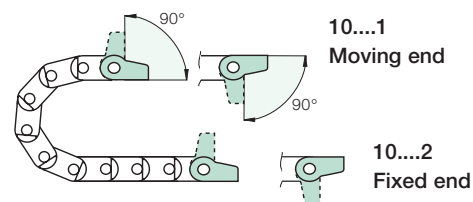
Chain Type	Part No. Full set with Tiewrap Plate	Part No. Mounting Bracket Set	Dimension A in. (mm)	Dimensions B in. (mm)
10-015	1015-34PZ	1015-34P	(0)	1.00 (25.5)
10-025	1025-34PZ	1025-34P	.55 (14)	1.40 (35.5)
10-038	1038-34PZ	1038-34P	1.06 (27)	1.91 (48.5)
10-050	1050-34PZ	1050-34P	1.54 (39)	2.38 (60.5)
10-5	105-34PZ	105-34P	1.89 (48)	2.95 (75.0)
10-6	106-34PZ	106-34P	2.56 (65)	3.62 (92.0)
10-7	107-34PZ	107-34P	3.35 (85)	4.41 (112.0)

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Specs &
CAD Files**

10... 34 = Full set, each part with pin/bore
10... 3 = Mounting bracket with bore
10... 4 = Mounting bracket with pin

Mounting Brackets (2 options for all applications)**Option 2: locking**

- Locked connections
- Vertical hanging/standing travels
- Extreme accelerations
- Corrosion-resistant



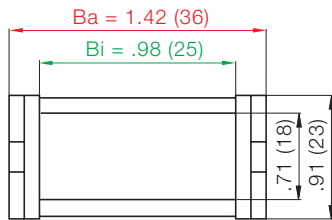
Chain Type	Part No. Full set with Tiewrap Plate	Part No. Mounting Bracket Set	Dimension A in. (mm)	Dimensions B in. (mm)
10-015	1015-12PZ	1015-12P	(0)	1.00 (25.5)
10-25	1025-12PZ	1025-12P	.39 (10)	1.40 (35.5)
10-38	1038-12PZ	1038-12P	.91 (23)	1.91 (48.5)
10-50	1050-12PZ	1050-12P	1.38 (35)	2.38 (60.5)
10-5	105-12PZ	105-12P	1.89 (48)	2.95 (75.0)
10-6	106-12PZ	106-12P	2.56 (65)	3.62 (92.0)
10-7	107-12PZ	107-12P	3.35 (85)	4.41 (112.0)

10...12 = Full set, each part with pin/bore
10... 1 = Mounting bracket with bore
10... 2 = Mounting bracket with pin

Order Example and Technical Data: Series 10 E2 “mini” New

Order example

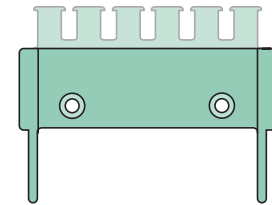
10-25...



1. Chain selection:

10-025-038-0

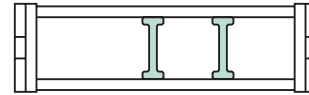
Color
Radius
Width
Chain type



2. Mounting brackets:

1025-12PZ

Full set
Chain width



3. Interior separation

2 separators unassembled (Part No. 101)
or,
assembled every other link (Part No. 111)
Alternative interior separation
configuration according to design layout
possible.

For 16.4 ft (5 m) chain, color black, with mounting brackets and two separators:

16.4 ft (5 m) 10-025-038-0 and 1025-12PZ and two separators 111 assembled every other link

165 links — 10.06 links/ft (33 links/m)



Technical data

Chain Type	Weight Per Link		Weight	
	(oz.)	(g)	(lbs/ft)	(kg/m)
10-15	0.35	(≈ 10)	0.24	(≈ 0.35)
10-25	0.42	(≈ 12)	0.27	(≈ 0.40)
10-38	0.49	(≈ 14)	0.31	(≈ 0.46)
10-50	0.56	(≈ 16)	0.35	(≈ 0.52)
10-5	0.67	(≈ 19)	0.42	(≈ 0.63)
10-6	0.74	(≈ 21)	0.47	(≈ 0.70)
10-7	1.02	(≈ 29)	0.51	(≈ 0.76)

Material	igumid G
Permitted temperature	-40°/+266°F (-40°/+130°C)
Gliding speed max.	16.4 ft/s (5 m/s)
Unsupported V max.	32.8 ft/s (10 m/s)
Flammability class	VDE 0304 IIC UL94 HB

● Details of material properties

► Design, Chapter 1

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Specs/CAD/Samples/Size Selector/RFQ:
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Chapter 9