Price Index

7 Widths
9 Bending Radii



Interior separation possible

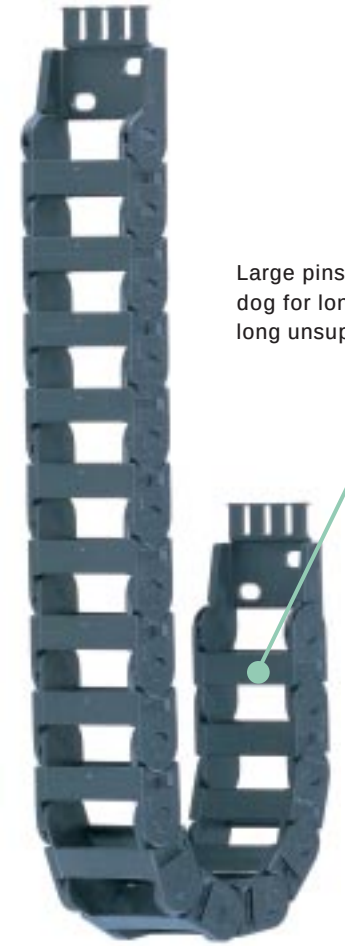


Mounting bracket with an without strain relief tiewrap plates

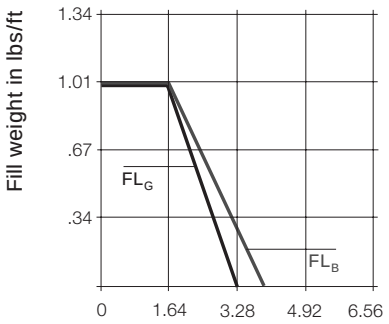


Quickfix: mounting bracket with pin
Call for availability



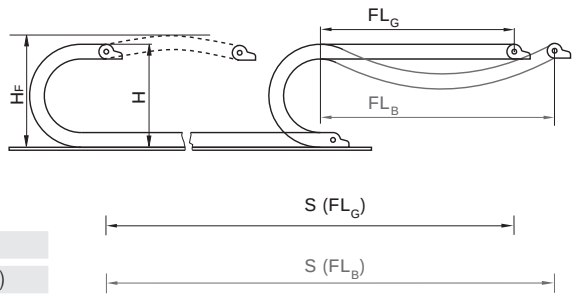


Large pins and double stop dog for long service life and long unsupported length



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)

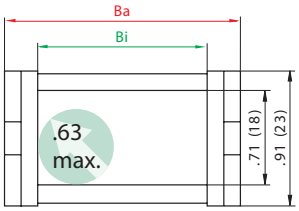
Click Here for Specs & CAD Files

When to use the 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 Series 10 E2 “mini”:

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





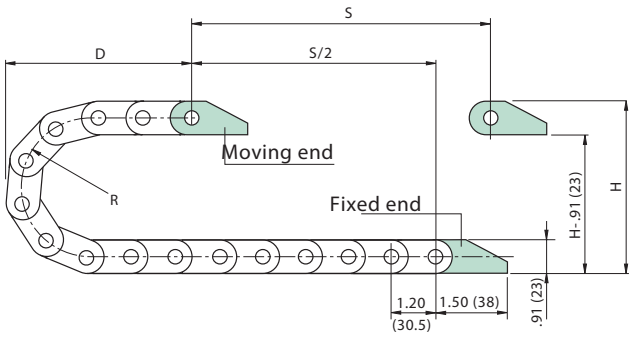
Click Here for Specs & CAD Files

Part No.	Bi	Ba
10-015	.59 (15)	1.02 (26)
10-025	.98 (25)	1.42 (36)
10-038	1.50 (38)	1.93 (49)
10-050	1.97 (50)	2.40 (61)
10-5	2.48 (63)	2.95 (76)
10-6	3.15 (80)	3.70 (94)
10-7	3.94 (100)	4.45 (113)

Bending Radii for ALL Widths
1.10 (028)
1.50 (038)
1.89 (048)
2.95 (075)
3.94 (100)
4.33 (110)
4.92 (125)
5.71 (145)
7.09 (180)

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

Installation Dimensions



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)

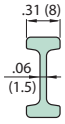
R	4.92 (125)	5.71 (145)	7.09 (180)
H*	10.83 (275)	12.40 (315)	15.16 (385)
D	6.69 (170)	7.48 (190)	8.86 (225)
K	17.91 (455)	20.47 (520)	24.80 (630)

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

*The required clearance height is HF = 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

Chapter 9

Series 10 E2 "mini"

Mounting Brackets (2 options for all applications)

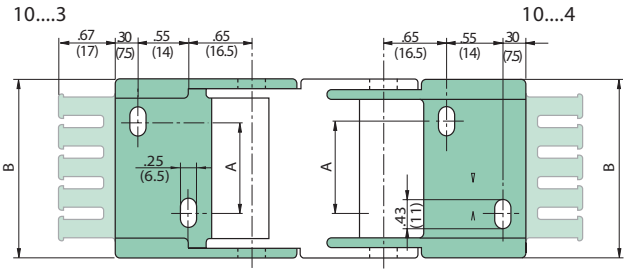
Option 1: pivoting

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

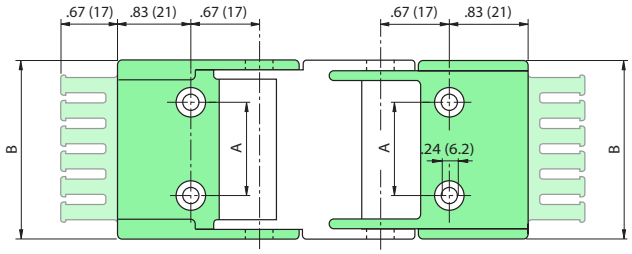


10....3
Moving end

10....4
Fixed end



1015-34-P(Z) – 1050-34-P(Z)



105-34-P(Z) – 107-34-P(Z)

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	—	—	1.00	(25.5)
10-025	1025-34PZ	1025-34P	.39	(10)	1.40	(35.5)
10-038	1038-34PZ	1038-34P	.91	(23)	1.91	(48.5)
10-050	1050-34PZ	1050-34P	1.38	(35)	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)

Click Here for 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)

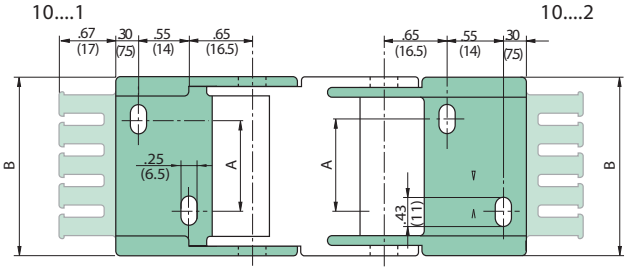
Option 2: locking

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

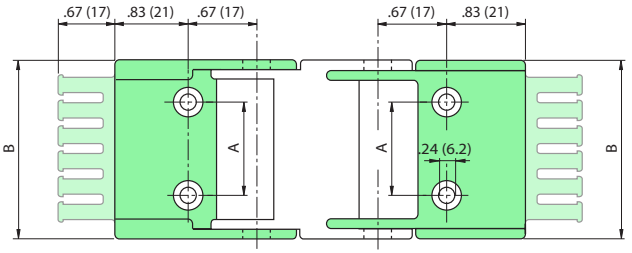


10....1
Moving end

10....2
Fixed end



1015-12-P(Z) – 1050-12-P(Z)



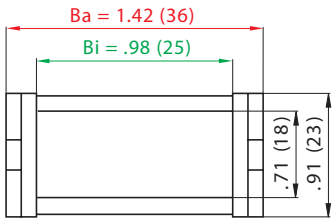
105-12-P(Z) – 107-12-P(Z)

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	—	—	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

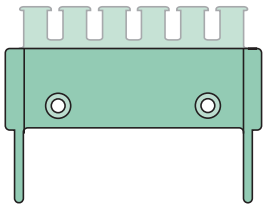
Order Example and Technical Data: Series 10 E2 “mini”

Order example



1. Chain selection:

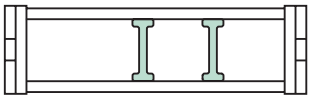
10-025-038-0
- Color
- Radius
- Width
- Chain type



2. Mounting brackets:

1025-12PZ
- Full set
- Chain width

10-25...



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)

Click Here for Specs & CAD Files

Technical data

Chain Type	Weight Per Link (oz.)	(g)	Weight (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

▶ Chapter 9