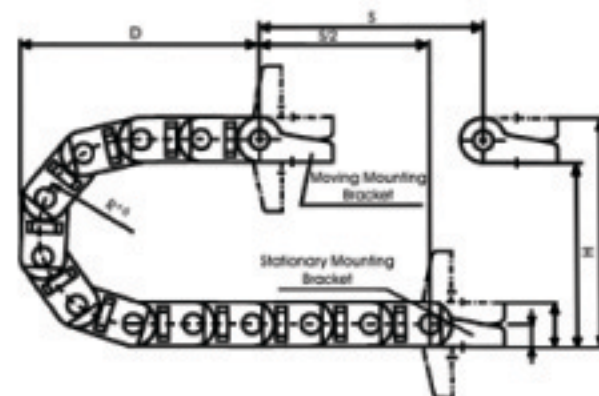


E-Chain E2 Mini New: 15-015-038-0 Inch Version

Inner Width	Outer Width	Radius	Curve Height H	Curve Length K	Weight
0.59 in	1.02 in	1.50 in	3.94 in	7.28 in	0.24 lbs/ft

Operating Space: H + .79" @ .68 lbs/ft





4 Widths
7 Bending Radii

For new applications, we recommend the New Series 15 “Zipper”



Interior separation possible



2 options for mounting brackets



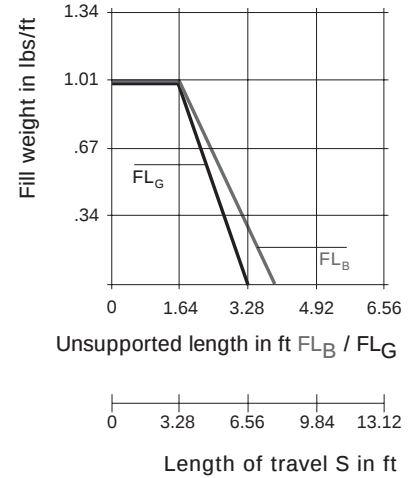
Mounting bracket with or without strain relief
tiewrap plates



Quicksnap: the complete unit,
detachable by hand
Call for availability

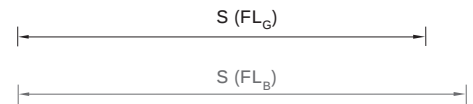
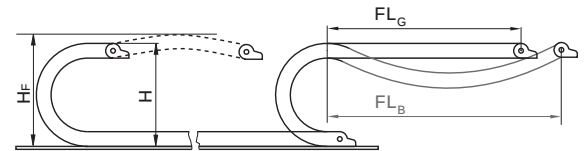


Quickfix: mounting
bracket with pin
Call for availability



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),
Bending Radii (R) inches (mm):	1.50 (038), 1.89 (048), 2.95 (075),
	4.33 (110), 5.70 (145), 7.09 (180)
Pitch:	1.20 (30.5 mm)/link
	10.06 links/ft (33 links/m)

The inner widths 63, 80, 100, see Page 4.12, New Series 15 “Zipper”



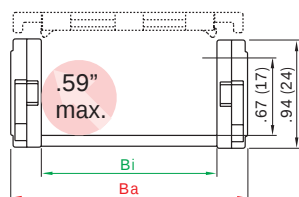
When to use the Series 15 “Zipper”:

- If extremely quick, zipper-like access to cables is required
- If connection options are required (Quicksnap, Quickfix, etc.)
- If interior separation is required
- If high stability and long service life are required



When not to use the Series 15 “Zipper”:

- If access to cables via individual links is not required
 - ▶ New Series 10 “mini”, Chapter 4
- If torsion occurs
 - ▶ Series E14 “E-Z Chain”, Chapter 2
- If the chain must be snap-open along the inner radius
 - ▶ New B15i, Chapter 4



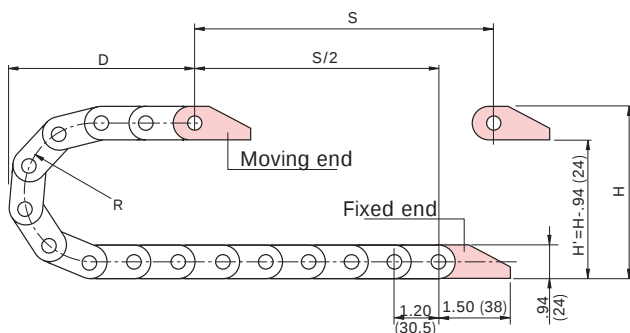
Part No.	Bi	Ba
15-1	.59 (15)	1.02 (26)
15-2	.98 (25)	1.42 (36)
15-3	1.50 (38)	1.93 (49)
15-4	1.97 (50)	2.40 (61)

Bending Radii
for ALL Widths

1.50 (038)
1.89 (048)
2.95 (075)
4.33 (110)
5.71 (145)
7.09 (180)

Supplement part number with required radius
for example, 15-2-100-0

Installation Dimensions



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

R	1.50 (038)	1.89 (048)	2.95 (075)
H'	3.94 (100)	4.72 (120)	6.89 (175)
D	3.15 (80)	3.54 (90)	4.72 (120)
K	7.28 (185)	8.46 (215)	11.81 (300)

R	04.33 (110)	5.71 (145)	7.09 (180)
H'	09.65 (245)	12.40 (315)	15.16 (385)
D	06.10 (155)	7.48 (190)	8.86 (225)
K	016.14 (410)	20.47 (520)	24.80 (630)

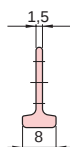
*The required clearance height is $H_F = H + .79 (20)$ with
.67 lbs/ft (1 kg/m) fill weight. Please consult igus® if space
is particularly restricted.

Interior Separation

One option is available for the interior separation of the Series 15 “Zipper”:

Vertical separators

These separators are used if only a vertical subdivision is required. A slotted separator is used for this subdivision. This separator can also be used with full-width shelves for a continuous horizontal subdivision.

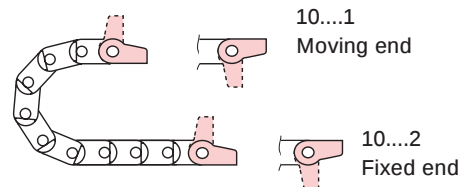


Vertical Separator

Unassembled	Part No. 150
Assembled	Part No. 151



-



Chain Type	Part No. Full set with Tiewrap Plate	Part No. Mounting Bracket Set	Dimension A in. (mm)
15-1	101-12PZ	101-12P	(0)
15-2	102-12PZ	102-12P	.39 (10)
15-3	103-12PZ	103-12P	.91 (23)
15-4	104-12PZ	104-12P	1.38 (35)

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

Technical drawing showing the front and side views of a two-part assembly. The drawing includes dimensions in millimeters (mm) and inches (in).

Front View (Left):

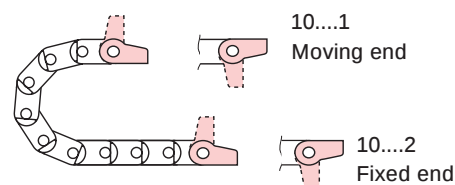
- Overall width: 28 (7)
- Overall height: A + 93 (23.5)
- Distance from top edge to center of top hole: 16 (4)
- Distance from bottom edge to center of bottom hole: 16 (4)
- Distance between centers of two holes: 55 (14)

Side View (Right):

- Overall width: 28 (7)
- Overall height: B + 81 (20.5)
- Distance from top edge to center of top hole: 16 (4)
- Distance from bottom edge to center of bottom hole: 16 (4)
- Distance between centers of two holes: 55 (14)



- One-piece, locked mounting bracket
- Available pre-assembled
- Inner and outer attachment possible



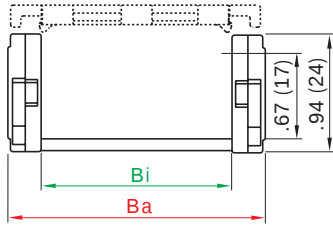
- | Chain Type | Part No. Set
One-Piece | Part No. Set
Two-Piece | Dimension A
in. (mm) | Dimensions B
in. (mm) |
|------------|---------------------------|---------------------------|-------------------------|--------------------------|
| 15-1 | 101-12 | 100-12 | (0) | .12 (3) |
| 15-2 | 102-12 | 100-12 | .39 (10) | .51 (13) |
| 15-3 | 103-12 | 100-12 | .91 (23) | 1.02 (26) |
| 15-4 | 104-12 | 100-12 | 1.38 (35) | 1.50 (38) |

3.20

Order Example and Technical Data: Series 15 “Zipper”

Order example

15-15...



1. Chain selection:

15-2-038-0

Color

Radius

Width

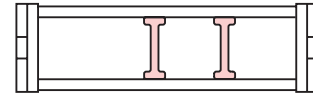
Chain Type

2. Mounting brackets:

102-12PZ

Full set

Chain width



3. Interior separation:

2 separators unassembled

(Part No. 150),

or assembled every other link

(Part No. 151).

Alternative interior separation configuration
according to design layout possible.

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

16.4 ft (5 m) 15-2-038-0 and 102-12PZ

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

Technical data

Chain Type	Weight Per Link		Weight Per Meter	
	(oz.)	(g)	(lbs)	(kg)
15-1	.35	(≈ 10)	.24	(≈ 0.35)
15-2	.42	(≈ 12)	.27	(≈ 0.40)
15-3	.49	(≈ 14)	.31	(≈ 0.46)
15-4	.56	(≈ 16)	.35	(≈ 0.52)

Material	igumid G
Permitted temperature	-40°F/266°F (-40°C/+130°C)
Gliding speed max.	9.8 ft/s (3 m/s)
Unsupported v max.	32.8 ft/s (10 m/s)
Flammability class	VDE 0304 IIC UL94 HB

