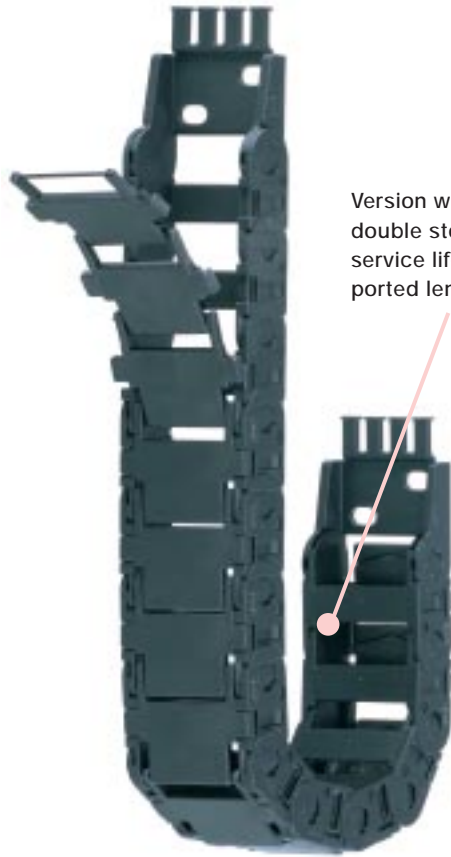




### Price Index



7 Widths  
8 Bending Radii



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

Interior separation possible



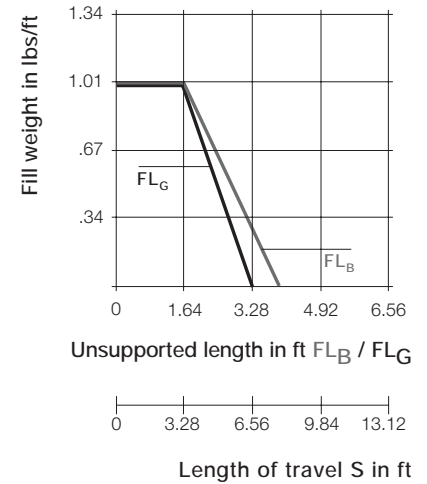
Mounting bracket with or without strain relief  
tiewrap plates



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

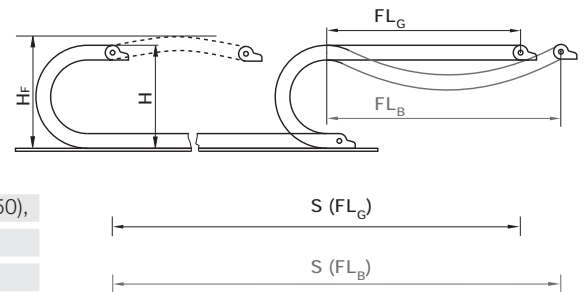


**Quickfix:** mounting bracket with pin  
Call for availability



### 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), 2.48 (63), 3.15 (80), 3.94 (100),
Bending Radii (R) inches (mm):	1.50 (038), 1.89 (048), 2.95 (075), 3.94 (100), 4.33 (110), 4.92 (125), 5.70 (145), 7.09 (180)
Pitch:	1.20 (30.5 mm)/link 10.06 links/ft (33 links/m)



### When to use the Series 15 "Zipper":

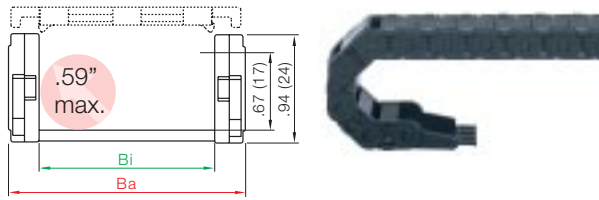
- If extremely quick, zipper-like access to cables is required
- If connection options are required (Quicksnap, Quickfix, etc.)
- If interior separation is required
- If high stability and long service life are required



### When not to use the Series 15 "Zipper":

- If access to cables via individual links is not required  
▶ 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  
▶ B15i, **Chapter 4**

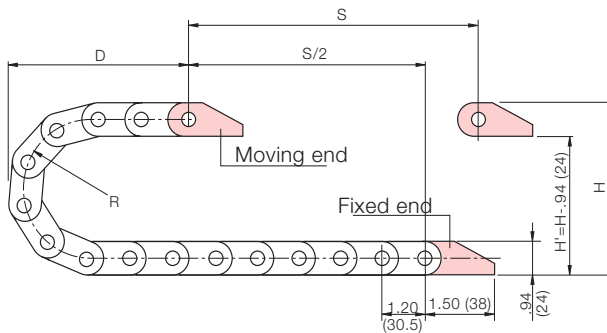
# Series 15 "Zipper"



Part No.	Bi	Ba	Bending Radii for ALL Widths
15-015	.59 (15)	1.02 (26)	
15-025	.98 (25)	1.42 (36)	1.89 (048)
15-038	1.50 (38)	1.93 (49)	2.95 (075)
15-050	1.97 (50)	2.40 (61)	3.94 (100)
15-5	2.48 (63)	2.99 (76)	4.33 (110)
15-6	3.15 (80)	3.70 (94)	4.92 (125)
15-7	3.94 (100)	4.45 (113)	5.71 (145)
			7.09 (180)

Supplement part number with required radius  
for example 15-025-100-0

## 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 (38)	1.89 (48)	2.95 (75)	3.94 (100)
H	3.94 (100)	4.72 (120)	6.89 (175)	8.86 (225)
D	3.15 (80)	3.54 (90)	4.72 (120)	5.71 (145)
K	7.28 (185)	8.46 (215)	11.81 (300)	14.76 (375)

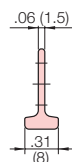
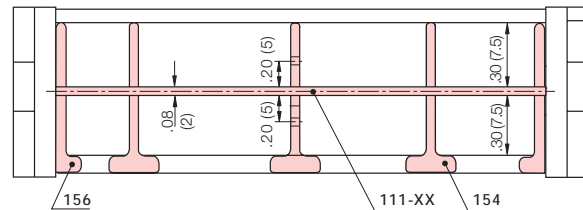
R*	4.33 (110)	4.92 (125)	5.71 (145)	7.09 (180)
H	9.65 (245)	10.83 (275)	12.40 (315)	15.16 (385)
D	6.10 (155)	6.69 (170)	7.48 (190)	8.86 (225)
K	16.14 (410)	17.91 (455)	20.47 (520)	24.80 (630)

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

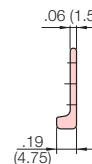
## Interior Separation

### Option 1: vertical separators

These separators are used when vertical subdivision is required. A slotted separator can also be used in conjunction with a full-width shelf for continuous horizontal subdivision.



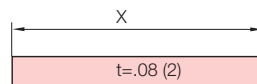
**Vertical Separator, Slotted**  
 Unassembled Part No. 153  
 Assembled Part No. 154



**Side Plate**  
 Unassembled Part No. 155  
 Assembled Part No. 156

### Option 2: full-width shelf

Full-width shelves are used for continuous, horizontal interior separation. This option is ideal for applications involving many thin cables with similar or identical diameters.



Width X in. (mm)	Part No.	Part No.
	Unassembled	Assembled
.59 (015)	110-15	111-15
.98 (025)	110-25	111-25
1.50 (038)	110-38	111-38
1.97 (050)	110-50	111-50
2.48 (063)	110-63	111-63
3.15 (080)	110-80	111-80
3.94 (100)	110-100	111-100



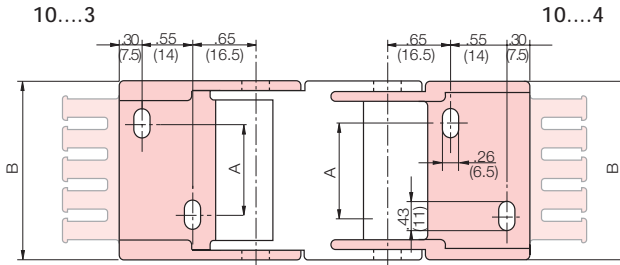
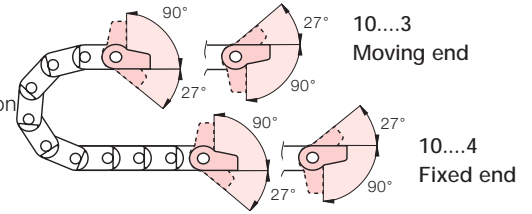
Mounting Brackets (2 options for all applications)

Option 1: pivoting

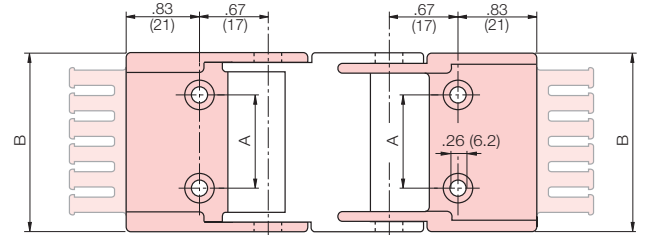
● Mounting bracket with or without pivoting strain relief tiewrap plates



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



1015-34P(Z) - 1050-34P(Z)



105-34P(Z) - 107-34P(Z)

Chain Type	Part No. Full set with Tiewrap Plate	Part No. Mounting Bracket Set	Dimension A in. (mm)	Dimensions B in. (mm)
15-015	1015-34PZ	1015-34P	(0)	1.00 (25.5)
15-025	1025-34PZ	1025-34P	.39 (10)	1.44 (35.5)
15-038	1038-34PZ	1038-34P	.91 (23)	1.91 (48.5)
15-050	1050-34PZ	1050-34P	1.38 (35)	2.38 (60.5)
15-5	105-34PZ	105-34P	1.89 (48)	2.95 (75.0)
15-6	106-34PZ	106-34P	2.56 (65)	3.62 (92.0)
15-7	107-34PZ	107-34P	3.35 (85)	4.41 (112.0)

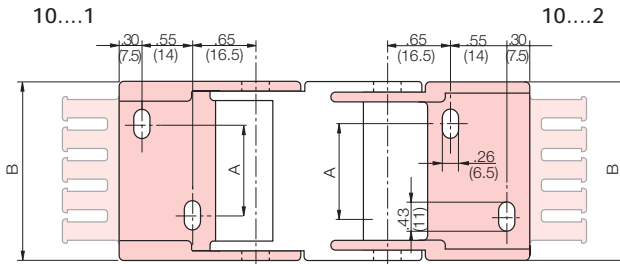
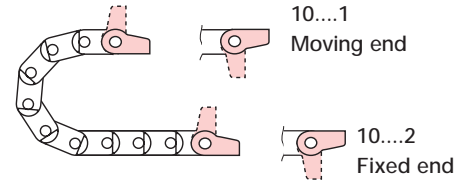
10... 34 = Full set, each part with pin/bore  
10... 3 = Mounting bracket with bore  
10... 4 = Mounting bracket with pin

Option 2: locking

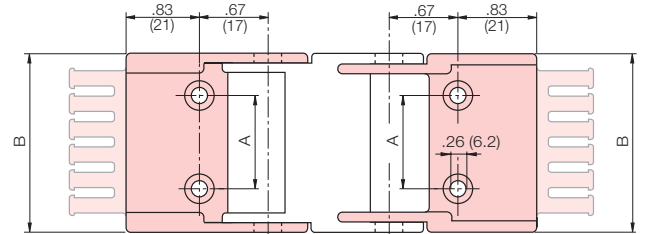
● Mounting bracket with or without pivoting strain relief tiewrap plates



- Locked connections
- Hanging/standing travels
- Extreme Accelerations
- Corrosion-resistant



1015-12P(Z) - 1050-12P(Z)



105-12P(Z) - 107-12P(Z)

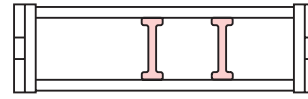
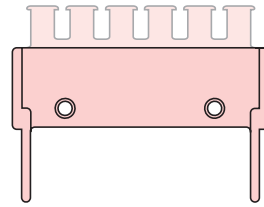
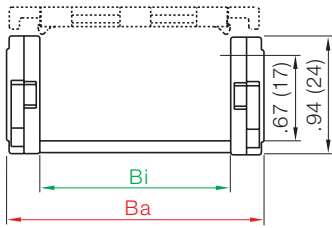
Chain Type	Part No. Full set with Tiewrap Plate	Part No. Mounting Bracket Set	Dimension A in. (mm)	Dimensions B in. (mm)
15-015	1015-12PZ	1015-12P	(0)	1.00 (25.5)
15-025	1025-12PZ	1025-12P	.39 (10)	1.40 (35.5)
15-038	1038-12PZ	1038-12P	.91 (23)	1.91 (48.5)
15-050	1050-12PZ	1050-12P	1.38 (35)	2.38 (60.5)
15-5	105-12PZ	105-12P	1.89 (48)	2.95 (75.0)
15-6	106-12PZ	106-12P	2.56 (65)	3.62 (92.0)
15-7	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 15 "Zipper"

## Order example

15-25...



1. Chain selection:

2. Mounting brackets:

3. Interior separation:

15-025-038-0

1025-12PZ

2 separators unassembled (Part No. 150),  
or assembled every other link (Part No. 151)  
Alternative interior separation configuration  
according to design layout possible.

Color  
Radius  
Width  
Chain Type

Full set  
Chain width

For 16.4 ft (5 m) chain, color black, with mounting brackets:  
16.4 ft (5 m) 15-025-038-0 and 1025-12PZ

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

## Technical data

Chain Type	Weight Per Link		Weight	
	(oz.)	(g)	(lbs/ft)	(kg/m)
15-015	.35	(≈ 10)	.24	(≈ 0,35)
15-025	.42	(≈ 12)	.27	(≈ 0,40)
15-038	.49	(≈ 14)	.31	(≈ 0,46)
15-050	.56	(≈ 16)	.35	(≈ 0,52)
15-5	.67	(≈ 19)	.42	(≈ 0,63)
15-6	.74	(≈ 21)	.47	(≈ 0,70)
15-7	1.02	(≈ 29)	.51	(≈ 0,76)

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

● Details of material properties

▶ Design, Chapter 1

