

Price Index



7 Widths
4 Bending Radii



Interior separation possible



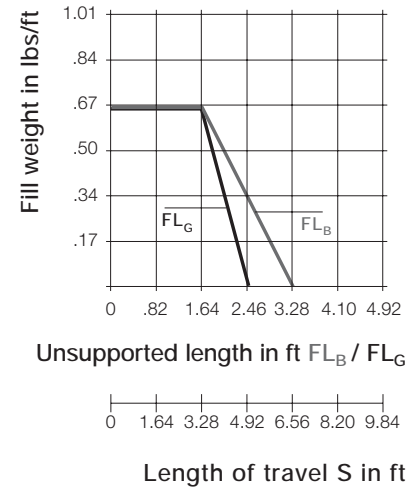
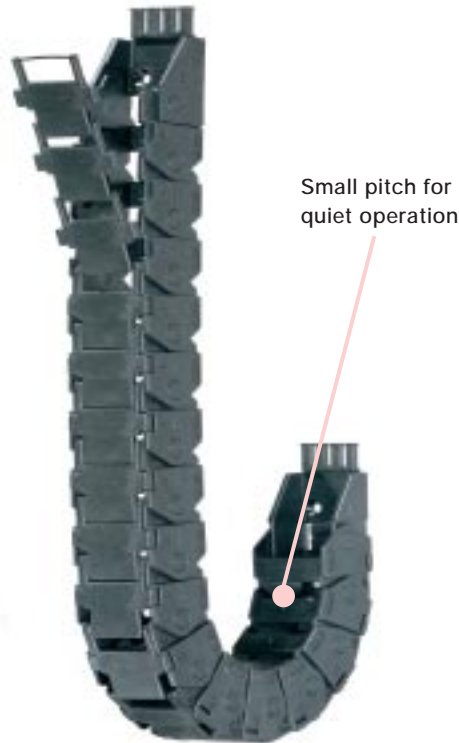
Mounting bracket with or without strain relief tiewrap plates



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

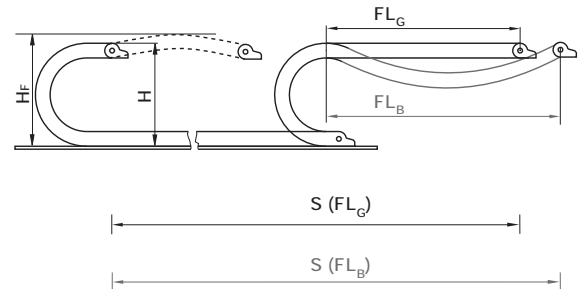


Quickfix: mounting bracket with pin
Call for availability



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):	2.48 (063), 2.95 (075), 3.94 (100), 4.92 (125)
Pitch:	1.20 (30.5 mm)/link = 10.06 links/ft (33 links/m)



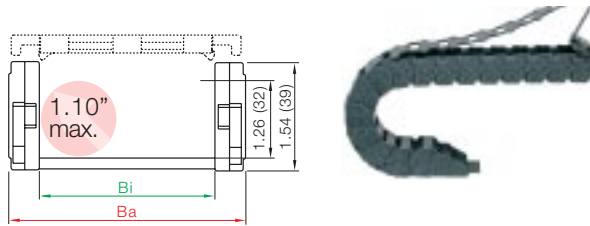
When to use the Series 17 "Zipper":

- If extremely quick, zipper-like access to cables is required
- If connection options are required (Quicksnap, Quickfix, etc.)
- If quieter operation is required
- If aesthetic design is required



When not to use the Series 17 "Zipper":

- If individual links must snap open, as opposed to "unzipping"
 - ▶ Series B17, Chapter 4
- If torsion occurs
 - ▶ Series E16 "E-Z Chain", Chapter 2

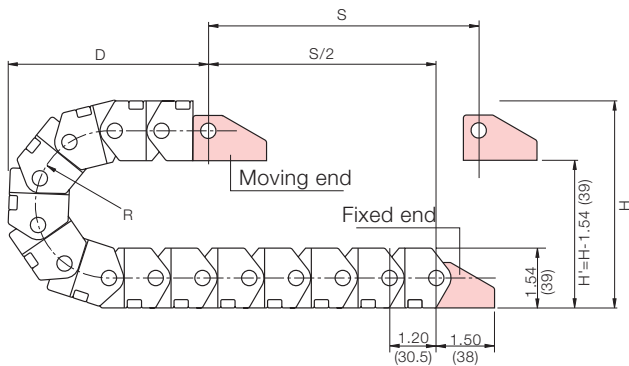


Part No.	Bi	Ba
17-1	.59 (15)	1.00 (25.5)
17-2	.98 (25)	1.40 (35.5)
17-3	1.50 (38)	1.91 (48.5)
17-4	1.97 (50)	2.38 (60.5)
17-5	2.48 (63)	2.99 (76)
17-6	3.15 (80)	3.66 (93)
17-7	3.94 (100)	4.45 (113)

Bending Radii for ALL Widths
 2.48 (063)
 2.95 (075)
 3.94 (100)
 4.92 (125)
 1.89 (048) Upon Request

Supplement part number with required radius for example, 17-1-063-0

Installation Dimensions



R	2.48 (63)	2.95 (75)	3.94 (100)	4.92 (125)
H*	6.50 (165)	7.44 (189)	9.41 (239)	11.38 (289)
D	4.53 (115)	5.12 (130)	6.10 (155)	7.09 (180)
K	10.83 (275)	12.01 (305)	15.55 (395)	18.70 (475)

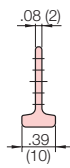
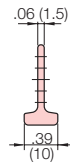
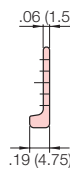
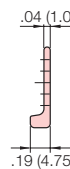
*The required clearance height is $HF = H + .98 (25)$ with 1.01 lbs/ft (1.5 kg/m) fill weight. Please consult igus® if space is particularly restricted.

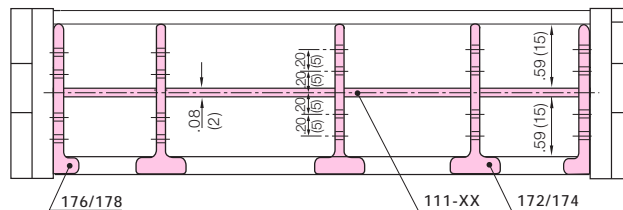
- Pitch: = 1.20 (30.5 mm)
- Links per ft (m): = 10.06 (33)
- Chain length: = $\frac{S}{2} + K$

Interior Separation

Option 1: 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 Separators, Slotted for 17-1 to 17-4 Unassembled Part No. 171 Assembled Part No. 172		Vertical Separators, Slotted for 17-5 to 17-7 Unassembled Part No. 173 Assembled Part No. 174
	Side Plates for 17-1 to 17-4 Unassembled Part No. 175 Assembled Part No. 176		Side Plates for 17-5 to 17-7 Unassembled Part No. 177 Assembled Part No. 178



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. Unassembled	Part No. 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

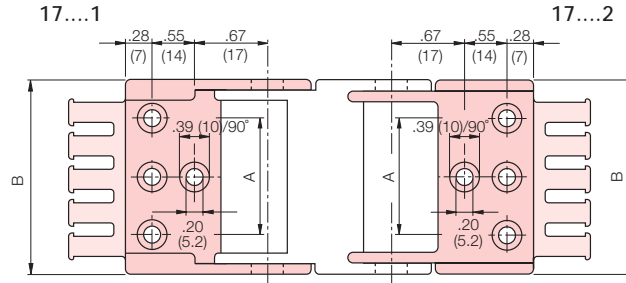
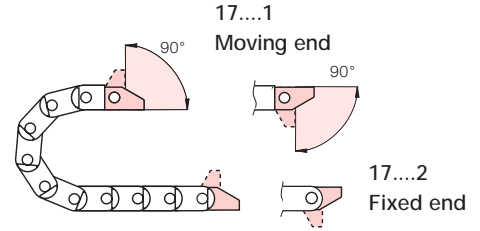
PDF: www.igus.com/echainpdf.asp
 Specs/CAD/RFQ: www.igus.com/echain.asp
 RoHS info: www.igus.com/RoHS.asp



Mounting Brackets

Option 1: polymer, one-piece

- Mounting bracket with or without pivoting strain relief tiwrap plates
- One-piece, locked mounting bracket
- Corrosion-resistant
- Available pre-assembled
- Inner and outer attachment possible
- Integrated strain relief available



117-1-12P(Z):
Center bores only
117-2-12P(Z) - 117-7-12P(Z):
Outer bores only

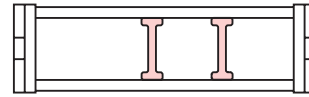
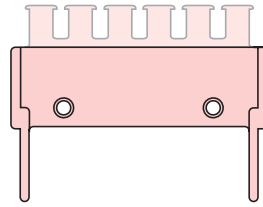
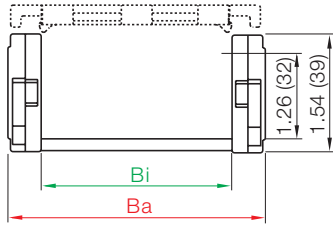
Chain Type	Part No. Set Full set with Tiewrap Plate	Part No. Mounting Bracket Set	Number of Teeth	Dimension A in. (mm)	Dimensions B in. (mm)
17-1	117-1-12PZ	117-1-12P	2	— —	1.00 (25.5)
17-2	117-2-12PZ	117-2-12P	3	.47 (12)	1.40 (35.5)
17-3	117-3-12PZ	117-3-12P	4	.98 (25)	1.91 (48.5)
17-4	117-4-12PZ	117-4-12P	5	1.46 (37)	2.38 (60.5)
17-5	117-5-12PZ	117-5-12P	6	1.89 (48)	2.99 (76.0)
17-6	117-6-12PZ	117-6-12P	8	2.56 (65)	3.66 (93.0)
17-7	117-7-12PZ	117-7-12P	10	3.35 (85)	4.45 (113.0)

17...12 = Full set, each part with pin/bore
17... 1 = Mounting bracket with bore
17... 2 = Mounting bracket with pin

Order Example and Technical Data: Series 17 "Zipper"

Order example

17-2...



1. Chain selection:

2. Mounting brackets:

3. Interior separation:

17-2-063-0

117-2-12

2 separators unassembled (Part No. 171)
or assembled every other link (Part No. 172)
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 bracket and two separators:
16.4 ft (5 m) 17-2-063-0 and 117-2-12 and two separators 172 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)
17-1	.56	(16)	.35	(≈ 0.52)
17-2	.63	(18)	.40	(≈ 0.59)
17-3	.67	(19)	.44	(≈ 0.65)
17-4	.74	(21)	.47	(≈ 0.70)
17-5	.88	(25)	.56	(≈ 0.83)
17-6	.98	(28)	.62	(≈ 0.92)
17-7	1.12	(32)	.71	(≈ 1.06)

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

