

Price Index



8 Widths
3 Bending Radii



Mounting brackets with
or without integrated
tiwrap plates



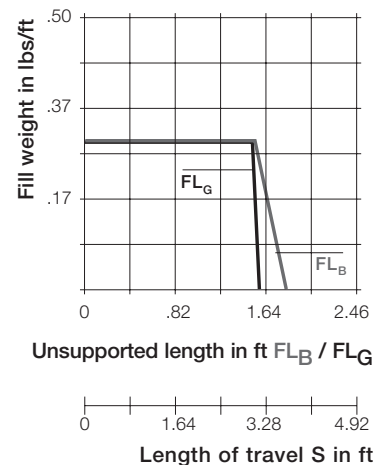
Quicksnap: the
complete unit,
detachable by hand
Call for availability



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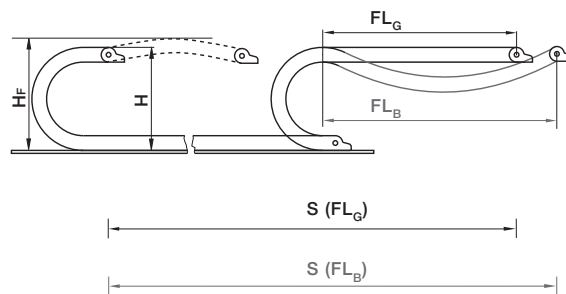


Quickfix: mounting
bracket with pin
Call for availability



Unsupported length

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



Product Range:

Inner Widths (Bi) inches (mm):	.24 (6), .39 (10), .63 (16),
	.79 (20), 1.18 (30), 1.57 (40),
	1.97 (50), 2.52 (64)
Bending Radii (R) inches (mm):	.71 (018), 1.10 (028), 1.50 (038)
Pitch:	.79 (20 mm)/link =
	15.24 links/ft (50 links/m)



**When to use the Series 07
“Zipper”:**

- If fast, zipper-like accessibility to cables is required
- If quick, easy insertion of cables with pre-assembled connectors is required
- If quieter operation is required
- If aesthetic design is required
- If high acceleration and travel speed are required



**When not to use the Series 07
“Zipper”:**

- If access to cables via individual links is not required
 - ▶ Series 06 “Micro”, **Chapter 4**
- If cable installation without opening lids is possible
 - ▶ Series E06 “E-Z Chain”, **Chapter 2**

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Specs &
CAD Files**

Technical drawing of a cable braid showing dimensions:

- Inner diameter: .31" max.
- Braid thickness: .41 (10.3)
- Outer diameter: .59 (15)
- Braid length: Ba
- Braid width: Bi

Photograph of the cable braid showing its flexible, braided structure.

Part No.	Bi	Ba	Bending Radii for ALL Widths .71 (018) 1.10 (028) 1.50 (038)
07-06	.24 (6)	.49 (12.5)	
07-10	.39 (10)	.65 (16.5)	
07-16	.63 (16)	.89 (22.5)	
07-20	.79 (20)	1.06 (27.0)	
07-30	1.18 (30)	1.46 (37.0)	
07-40	1.57 (40)	1.85 (47.0)	
07-50	1.97 (50)	2.24 (57.0)	
07-64	2.52 (64)	2.80 (71.0)	

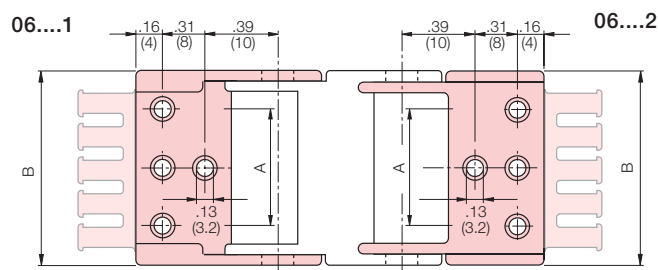
Supplement part number with required radius
for example 07-20-038-0

R	.71 (018)	1.10 (028)	1.50 (038)
H*	2.05 (52)	2.83 (72)	3.62 (92)
D	1.77 (45)	2.17 (55)	2.56 (65)
K	3.94 (100)	5.51 (140)	6.30 (160)

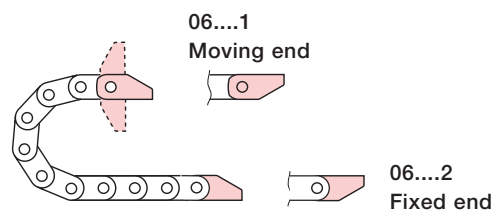
*The required clearance height is $HF = H + .39$ (10) with .13 lbs/ft (0.2 kg/m) fill weight. Please consult igus® if space is particularly restricted.

Pitch: = .79 (20 mm) per link
Links per ft (m): = 15.24 (50)
Chain length: = $\frac{S}{2} + K$

- With tiwrap plate



- One piece, locked mounting brackets
- Corrosion-resistant
- Available pre-assembled
- Inner and outer attachment possible
- Available with integrated strain relief tiewrap plates



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)
07-06	060-06-12 PZ	060-06-12	1	—	.49 (12.5)
07-10	060-10-12 PZ	060-10-12	1	—	.65 (16.5)
07-16	060-16-12 PZ	060-16-12	2	—	.89 (22.5)
07-20	060-20-12 PZ	060-20-12	2	—	1.06 (27.0)
07-30	060-30-12 PZ	060-30-12	3	.87 (22)	1.46 (37.0)
07-40	060-40-12 PZ	060-40-12	4	1.26 (32)	1.85 (47.0)
07-50	060-50-12 PZ	060-40-12	5	1.65 (42)	2.24 (57.0)
07-64	060-64-12 PZ	060-64-12	6	2.20 (56)	2.80 (71.0)

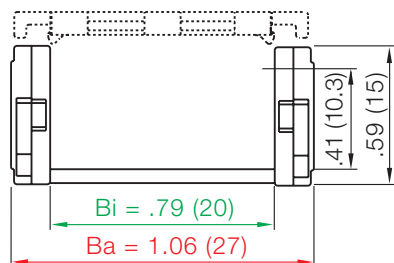
060-06-12 — 060-20-12:
Center bores only

060-30-12 — 060-64-12:
Outer bores only

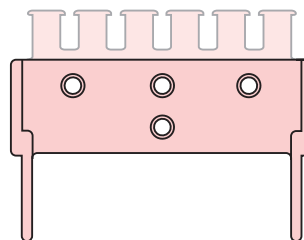
06... 2 = Mounting bracket with pin



Order example



07-20...



1. Chain selection:

07-20-038-0



2. Mounting brackets:

060-20-12 PZ - with strain relief tiewrap plates



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

16.4 ft (5 m) 07-20-038-0 and 060-20-12 PZ

250 links — 15.24 links/ft (50 links/m)

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Technical data

Chain Type	Weight Per Link		Weight	
	(oz.)	(g)	(lbs/ft)	(kg/m)
07-06	0.091	(≈ 2.6)	0.087	(≈ 0.13)
07-10	0.098	(≈ 2.8)	0.094	(≈ 0.14)
07-16	0.112	(≈ 3.2)	0.108	(≈ 0.16)
07-20	0.119	(≈ 3.4)	0.114	(≈ 0.17)
07-30	0.140	(≈ 4.0)	0.134	(≈ 0.20)
07-40	0.161	(≈ 4.6)	0.154	(≈ 0.23)
07-50	0.182	(≈ 5.2)	0.175	(≈ 0.26)
07-64	0.210	(≈ 6.0)	0.202	(≈ 0.30)

Material	igumid G
Permitted temperature	-40°F/266°F (-40°C/+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 fo Material Properties

► Design, Chapter 1