

## Price Index



2 Widths and  
3 Bending Radii



Mounting brackets with  
and without tie-wrap  
plates



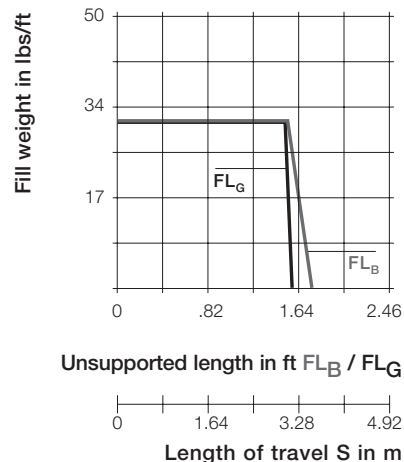
**Quickfix:** mounting  
bracket with dowel  
Call for availability



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



Very easy to install cables and  
hoses – ideal for applications  
with pre-assembled connectors

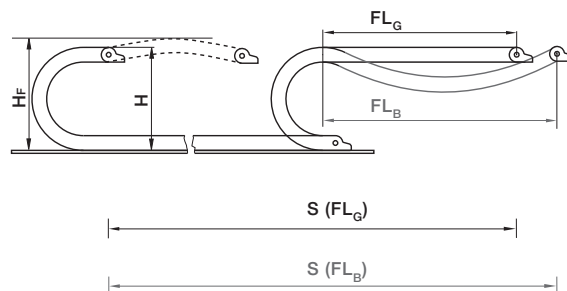


## Product Range:

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Inner Widths (Bi) inches (mm): | .39 (10), .63 (16)                                   |
| Bending Radii (R) inches (mm): | .71 (018), 1.10 (028), 1.50 (038)                    |
| Pitch:                         | .79 in (20 mm)/link = 15.24 links/ft<br>(50 links/m) |

## Unsuported length

- $FL_B$  = unsuported with permitted sag
- $FL_G$  = unsuported with straight upper run



## When to use the Series E06/Z06:

- If price is an issue
- If fast and easy cable and hose accessibility is required
- If torsional rigidity and torque resistance are required
- If very quiet operation is required

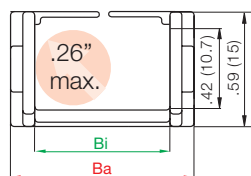


## When not to use the Series E06/Z06:

- If a long unsupported length is required  
▶ Series 08, **Chapter 4**
- "Z" Series is unsuitable for gliding applications  
▶ Series 07, **Chapter 3**

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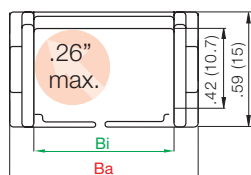
## E06 (split crossbar along the outer radius)



| Part No. | Bi       | Ba         | Bending Radii<br>for ALL Widths |
|----------|----------|------------|---------------------------------|
| E06-10   | .39 (10) | .65 (16.5) |                                 |
| E06-16   | .63 (16) | .86 (22.5) |                                 |
|          |          |            |                                 |

Supplement part number with required radius  
for example, E06-16-028-0

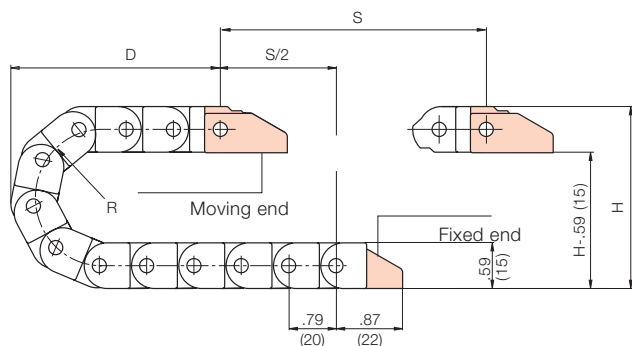
## Z06 (split crossbar along inner radius)



| Part No. | Bi       | Ba         | Bending Radii<br>for ALL Widths |
|----------|----------|------------|---------------------------------|
| Z06-10   | .39 (10) | .65 (16.5) |                                 |
| Z06-16   | .63 (16) | .86 (22.5) |                                 |
|          |          |            |                                 |

Supplement part number with required radius  
for example, Z06-16-028-0

## Installation Dimensions



| R  | .71 (018) | 1.10 (028) | 1.50 (038) |
|----|-----------|------------|------------|
| H* | 2.04 (52) | 2.76 (70)  | 3.54 (90)  |
| D  | 1.57 (40) | 1.97 (50)  | 2.36 (60)  |
| K  | 3.74 (95) | 4.72 (120) | 5.71 (145) |

\*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: =  $\frac{S}{2} + K$

## Mounting Brackets

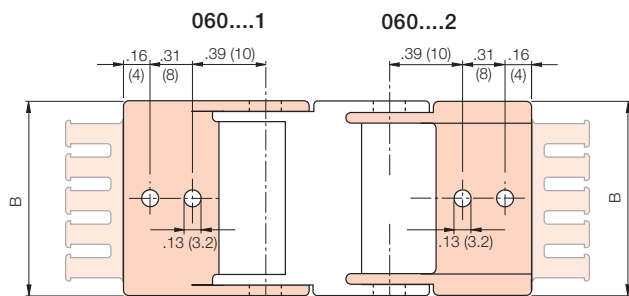
### Option 1:

Without tiewrap plate



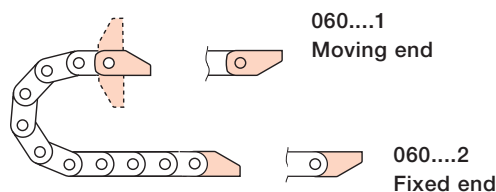
### Option 2:

With tiewrap plate



## Standard mounting bracket

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



| Chain Type | Part No. Set<br>Full set with<br>Strain Relief<br>Tiewrap Plate | Part No.<br>Mounting<br>Bracket Set | Number<br>of Teeth | Dimensions B<br>in. (mm) |
|------------|-----------------------------------------------------------------|-------------------------------------|--------------------|--------------------------|
| E06/Z06-10 | 060-10-12 PZ                                                    | 060-10-12                           | 1                  | .65 (16.5)               |
| E06/Z06-16 | 060-16-12 PZ                                                    | 060-16-12                           | 2                  | .88 (22.5)               |



060...12 = Full set, each part with pin/bore

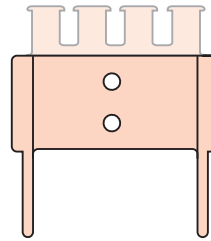
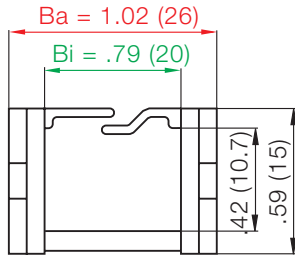
060... 1 = Mounting bracket with bore

060... 2 = Mounting bracket with pin



## Order Example

## E06-20-



## 1. Chain selection:

E06-20-038-0

Color  
Radius  
Width  
Chain type

## 2. Mounting brackets:

060-20-12 - with strain relief tiewrap plate

Full set  
Chain width

For 2.62 ft (0.8 m) chain, color black, with mounting brackets:  
2.62 ft (0.8 m) E06-20-038-0 and 060-20-12PZ

40 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)  |
| E06/Z06-06-10 | 0.049           | (≈2.8) | 0.094    | (≈0.14) |
| E06/Z06-06-16 | 0.112           | (≈3.2) | 0.108    | (≈0.16) |

|                                         |                            |
|-----------------------------------------|----------------------------|
| Material (chain)                        | igumid NB                  |
| Material (mounting brackets)*           | igumid G                   |
| Permitted temperature                   | -22°F/212°F (-30°C/+100°C) |
| Gliding speed max.                      | Conditionally suitable     |
| Unsupported v max.                      | 32.8 ft/s (10m/s)          |
| Flammability class (chain)              | VDE 0304 IIC UL94 V2       |
| Flammability class (mounting brackets)* | VDE 0304 IIC UL94 HB       |

\*Available in igumid NB upon request, please consult igus® for delivery time

● Details of material properties

► Design, Chapter 1