

2400  
2500



# e-chain system® E2/000 Series 2400/2500



## Price Index



Series 2400/2500

## Special Features / Options



IPA Qualification Certificate, Air Cleanliness Class ISO Class 3 (at  $v = 2 \text{ m/s}$ ) upon request



ESD classification: Electrically conductive ESD/ATEX version upon request



UL94 V2 classifications upon request

## Assembly Tips



Snap-open mechanism, choice of snap-open on left or right. Hinged crossbar can be swiveled by more than  $180^\circ$  on both sides. Lightning-fast closing by hand. Secure fit without additional locking devices.

## Other Installation Methods

Vertical, hanging  $\leq 131.24 \text{ ft}$  (40 m)

Vertical, standing  $\leq 9.84 \text{ ft}$  (3 m)

Side-mounted, un supp.  $\leq 3.28 \text{ ft}$  (1 m)

Rotary requires further calculation

## Usage Guidelines



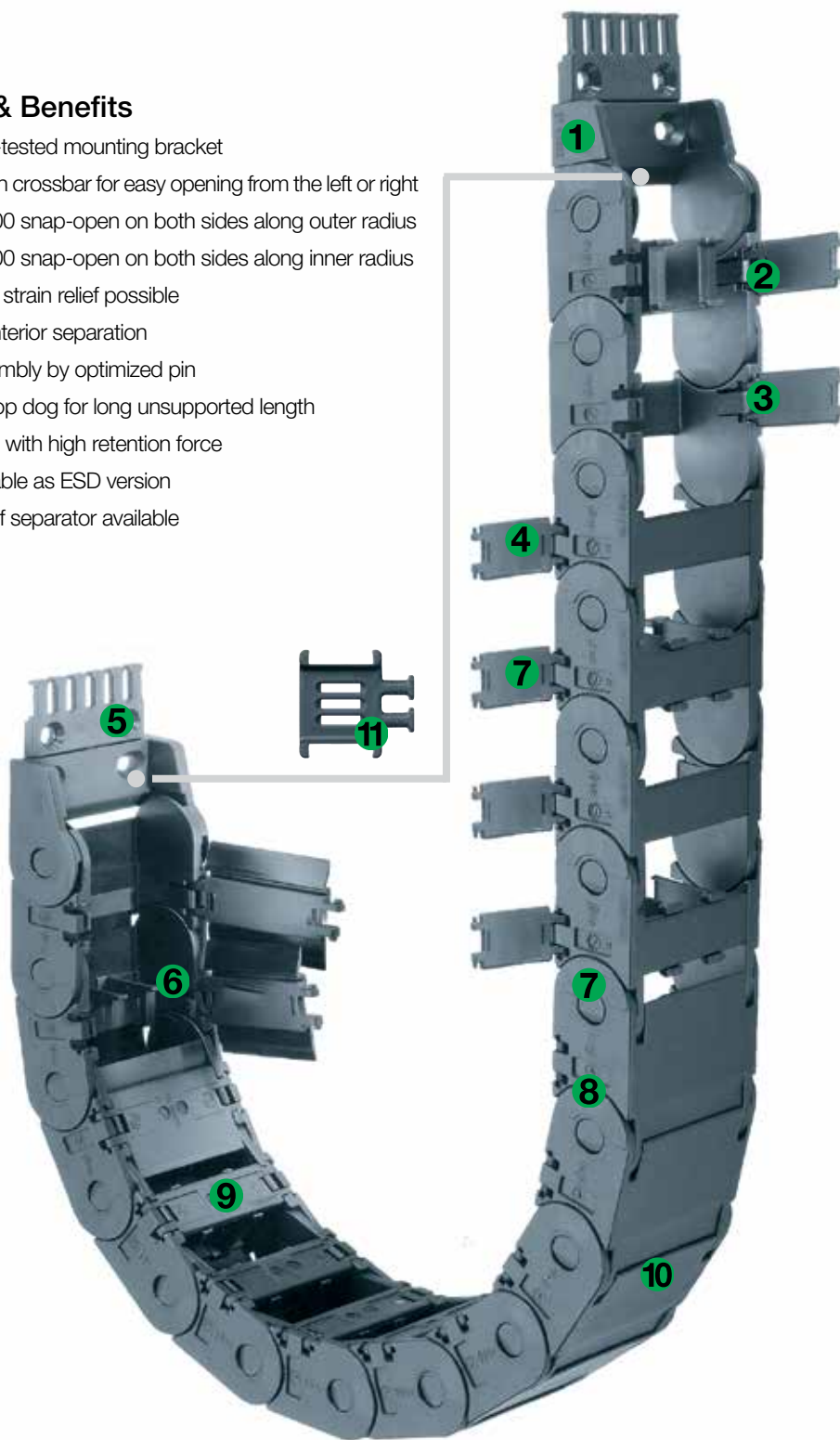
- If snap-open accessibility along the inner or outer radius is required
- If integrated strain relief at the mounting point is required
- If modular interior separation is needed
- If long service life is required
- If easy installation is required



- If the application is very simple  
➤ **Series E200 E-Z Chain**
- If greater stability is required  
➤ **Series E4-21 E4-1 Series**

## Features & Benefits

- 1 Tried-and-tested mounting bracket
- 2 Snap-open crossbar for easy opening from the left or right
- 3 Series 2500 snap-open on both sides along outer radius
- 4 Series 2400 snap-open on both sides along inner radius
- 5 Integrated strain relief possible
- 6 Modular interior separation
- 7 Easy assembly by optimized pin
- 8 Double stop dog for long unsupported length
- 9 Crossbars with high retention force
- 10 Also available as ESD version
- 11 Strain relief separator available



## Order Example: Complete e-chain®

Please indicate chain length or number of links. Example:

9.84 ft (3 m) **2500-10-100-0**



e-chain®

With 2 separators **25.1** assembled every 2nd link



Interior Separation

1 Set **2100-34PZB**



Mounting Bracket

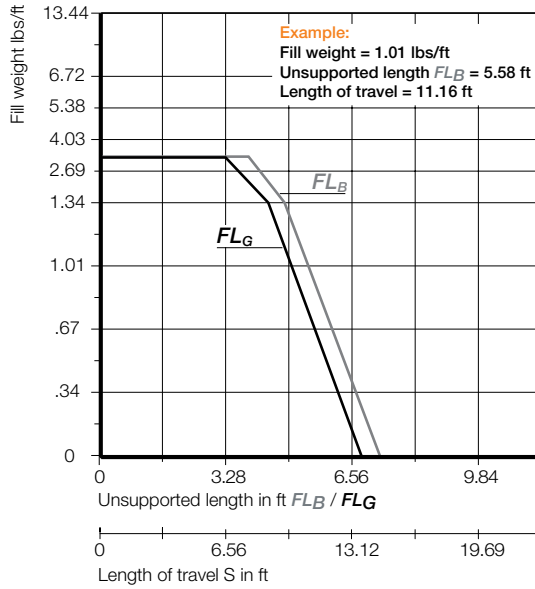
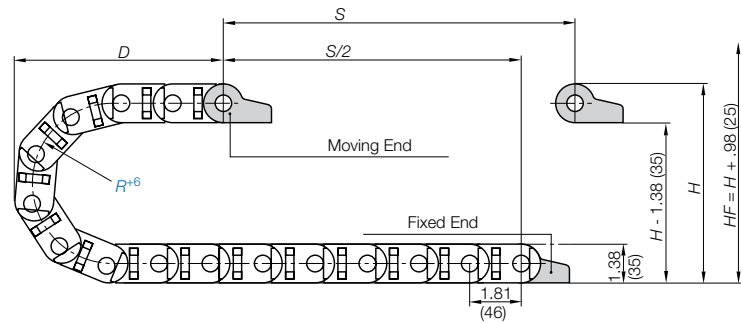
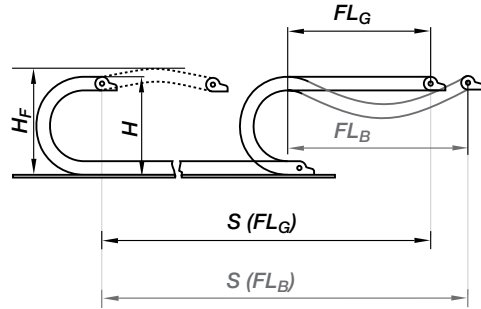
# e-chain system® E2/000

## Series 2400/2500

### Installation Dimensions

#### Short travel, unsupported length

- $FL_B$  = unsupported with permitted sag
  - $FL_G$  = unsupported with straight upper run
- Further information ► Design, Chapter 1



Pitch per link = 1.81" (46 mm)  
Links per ft (m) = 6.71 (22)  
For center mount applications:  
Chain length =  $S/2 + K$

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

| R | 2.16 (055**) | 2.95 (075)  | 3.94 (100)  | 4.92 (125)  | 5.91 (150)  | 6.89 (175)  | 7.87 (200)  | 8.86 (225)  | 9.84 (250)  |
|---|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| H | 5.71 (145)   | 7.28 (185)  | 9.25 (235)  | 11.22 (285) | 13.19 (335) | 15.16 (385) | 17.13 (435) | 19.09 (485) | 21.06 (535) |
| D | 5.59 (142)   | 6.38 (162)  | 7.36 (187)  | 8.35 (212)  | 9.33 (237)  | 10.31 (262) | 11.30 (287) | 12.28 (312) | 13.27 (337) |
| K | 10.43 (265)  | 12.99 (330) | 16.14 (410) | 19.09 (485) | 22.24 (565) | 25.39 (645) | 28.54 (725) | 31.50 (800) | 34.65 (880) |

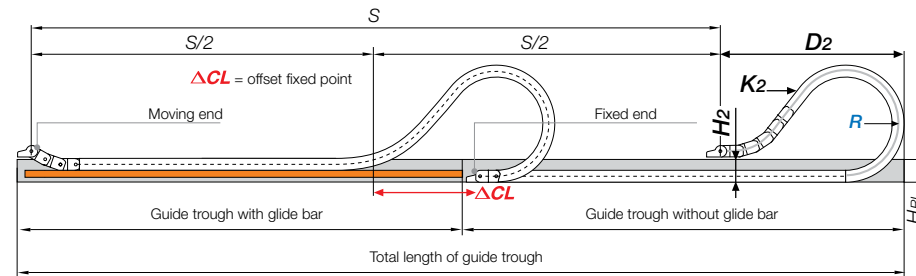
\*\*upon request

#### For long travels with lowered mounting height

Long travel lengths from 32.8 ft. (10 m) to max. 328 ft. (100 m)

Note: For using Series 2400 for long travels (gliding), please consult with igus® first.

For long travels, igus® specifies Series 2500 that snap open on the outer radius.



For center mount applications:

Chain length =  $S/2 + K_2$

#### Long Travels - Gliding



If the unsupported length is exceeded, the e-chain®/ Tube must glide on itself. This requires a guide trough.

Design, Chapter 1

| R                            | 2.16 (055)  | 2.95 (075)  | 3.94 (100)  | 4.92 (125)  | 5.91 (150)   | 6.89 (175)   | 7.87 (200)   | 8.86 (225)   | 9.84 (250)   |
|------------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| H <sub>2</sub>               | 4.33 (110)  | 5.91 (150)  | 3.94 (100)  | 3.94 (100)  | 3.94 (100)   | 3.94 (100)   | 3.94 (100)   | 3.94 (100)   | 3.94 (100)   |
| D <sub>2</sub> <sup>25</sup> | 5.59 (142)  | 6.38 (162)  | 14.96 (380) | 17.32 (440) | 23.23 (590)  | 29.72 (755)  | 37.40 (950)  | 40.94 (1040) | 44.49 (1130) |
| K <sub>2</sub>               | 10.43 (265) | 12.99 (330) | 25.35 (644) | 28.98 (736) | 39.84 (1012) | 48.90 (1242) | 57.95 (1472) | 63.39 (1610) | 70.63 (1794) |
| ΔCL                          | —           | —           | 8.03 (204)  | 9.61 (244)  | 14.33 (364)  | 19.84 (504)  | 26.54 (674)  | 29.69 (754)  | 31.65 (804)  |

|                                        |                                                                              |
|----------------------------------------|------------------------------------------------------------------------------|
| Speed / acceleration $FL_G$            | max. 65.6 ft/s (20 m/s) / max. 656 ft/s <sup>2</sup> (200 m/s <sup>2</sup> ) |
| Speed / acceleration $FL_B$            | max. 9.84 ft/s (3 m/s) / max. 19.69 ft/s <sup>2</sup> (6 m/s <sup>2</sup> )  |
| Gliding speed / acceleration (maximum) | max. 32.8 ft/s (10 m/s) / max. 164 ft/s <sup>2</sup> (50 m/s <sup>2</sup> )  |
| Material - permitted temperature       | igumid G / -40°F (-40°C) up to +248°F (+120°C)                               |
| Flammability Class, igumid G           | VDE 0304 IIC UL94 HB                                                         |

#### Technical Data



Details of material properties

► Chapter 1

#### Legend

- S = Length of travel
- R = Bending radius
- H = Nominal clearance height
- D = Overlength e-chain® radius in final position
- K =  $\pi \cdot R$  + safety buffer
- H<sub>F</sub> = Required clearance height
- H<sub>RI</sub> = Trough inner height
- H<sub>2</sub> = \*Mounting height
- D<sub>2</sub> = Overlength - long travels, gliding
- K<sub>2</sub> = \*Add-on

\*If the mounting bracket location is set lower

#### Short Travels - Unsupported

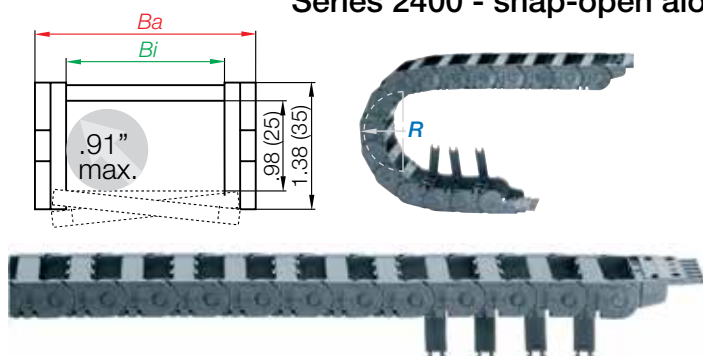


Unsupported e-chains® feature positive camber over short travels. This must be accounted for when specifying the clearance height. Please refer to Installation dimensions for further details.

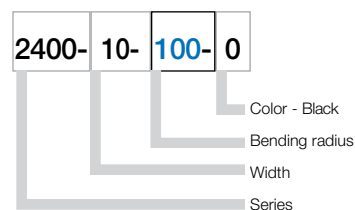
PDF: [igus.com/e-chain-pdfs](https://igus.com/e-chain-pdfs)  
Product information: [igus.com/e-chains](https://igus.com/e-chains)



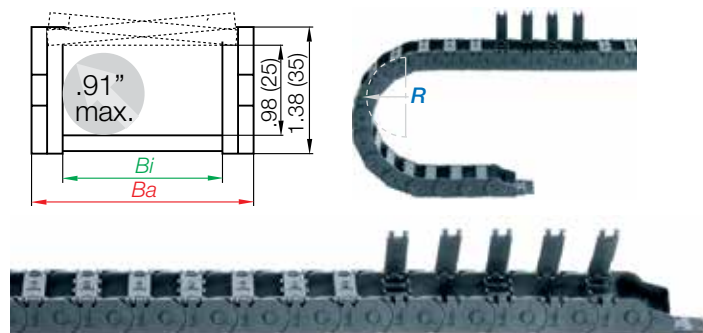
## Series 2400 - snap-open along the inner radius



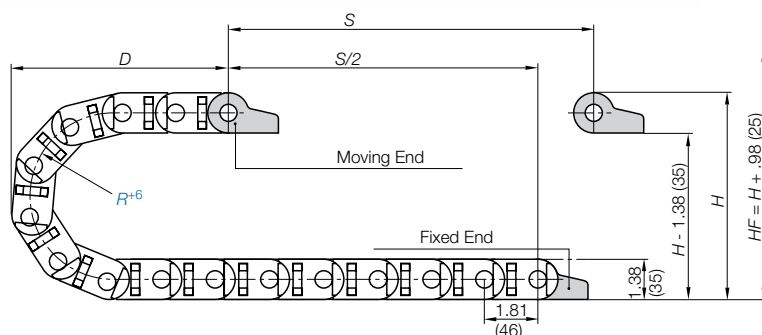
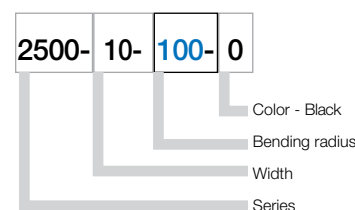
## Part Number Structure



## Series 2500 - snap-open along the outer radius



## Part Number Structure



Supplement part number with required radius. Example: 2400-10-100-0  
Pitch: 1.81 in. (46 mm) per link links/ft(m) = 6.71 (22)

## Part Number.

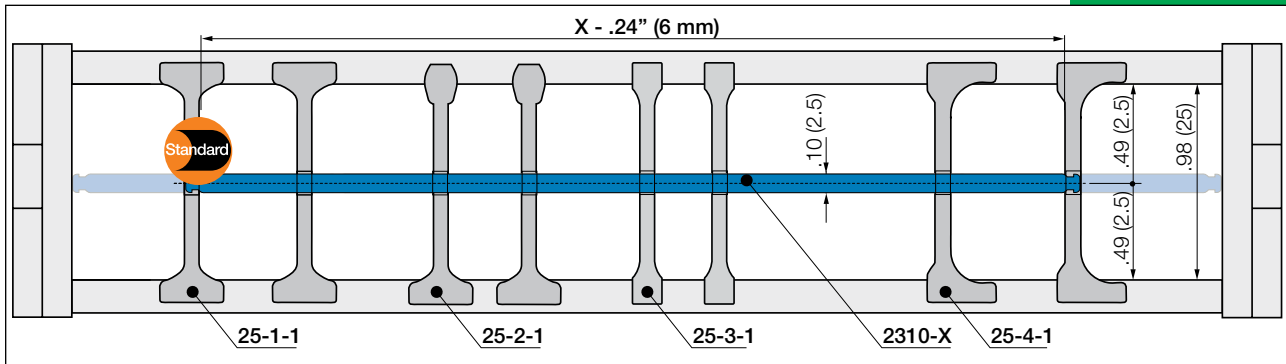
| Snap-open<br>inner radius        | Snap-open<br>outer radius        | Bi<br>in. (mm) | Ba<br>in. (mm) | Weight<br>lbs/ft (kg/m) |
|----------------------------------|----------------------------------|----------------|----------------|-------------------------|
| 2400-02- <input type="text"/> -0 | 2500-02- <input type="text"/> -0 | .98 (25)       | 1.61 (41)      | ≈ 0.52 (0.77)           |
| 2400-03- <input type="text"/> -0 | 2500-03- <input type="text"/> -0 | 1.50 (38)      | 2.13 (54)      | ≈ 0.56 (0.83)           |
| 2400-05- <input type="text"/> -0 | 2500-05- <input type="text"/> -0 | 2.24 (57)      | 2.87 (73)      | ≈ 0.61 (0.91)           |
| 2400-07- <input type="text"/> -0 | 2500-07- <input type="text"/> -0 | 3.03 (77)      | 3.66 (93)      | ≈ 0.68 (1.01)           |
| 2400-09- <input type="text"/> -0 | 2500-09- <input type="text"/> -0 | 3.50 (89)      | 4.13 (105)     | ≈ 0.73 (1.08)           |
| 2400-10- <input type="text"/> -0 | 2500-10- <input type="text"/> -0 | 4.06 (103)     | 4.69 (119)     | ≈ 0.77 (1.15)           |
| 2400-12- <input type="text"/> -0 | 2500-12- <input type="text"/> -0 | 4.92 (125)     | 5.55 (141)     | ≈ 0.82 (1.22)           |

Choose from the radii below for all of the above sizes

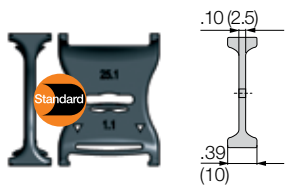
Radius (mm)

Example: 2400-10-100-0

|   | 055         | 075         | 100         | 125         | 150         | 175         | 200         | 225         | 250         |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| R | 2.16 (055)  | 2.95 (075)  | 3.94 (100)  | 4.92 (125)  | 5.91 (150)  | 6.89 (175)  | 7.87 (200)  | 8.86 (225)  | 9.84 (250)  |
| H | 5.71 (145)  | 7.28 (185)  | 9.25 (235)  | 11.22 (285) | 13.19 (335) | 15.16 (385) | 17.13 (435) | 19.09 (485) | 21.06 (535) |
| D | 5.59 (142)  | 6.38 (162)  | 7.36 (187)  | 8.35 (212)  | 9.33 (237)  | 10.31 (262) | 11.30 (287) | 12.28 (312) | 13.27 (337) |
| K | 10.43 (265) | 12.99 (330) | 16.14 (410) | 19.09 (485) | 22.24 (565) | 25.39 (645) | 28.54 (725) | 31.50 (800) | 34.65 (880) |



In the standard configuration separators are assembled every 2<sup>nd</sup> e-chain® link

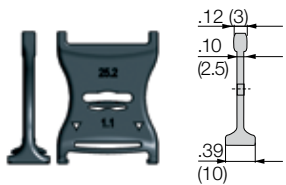


Separator, wide base

|             |                 |
|-------------|-----------------|
| Unassembled | Part No. 25.1   |
| Assembled   | Part No. 25.1.1 |

- **Standard separator 25.1**  
for all applications

Separator with wide base for maximum locking strength and safe standing in e-chains®.



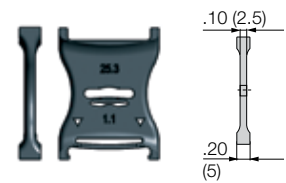
Separator, narrow head

|             |                 |
|-------------|-----------------|
| Unassembled | Part No. 25.2   |
| Assembled   | Part No. 25.2.1 |

- **Separator 25.2**

**For even faster installation**

is used when vertical and horizontal separation is required. Due to its slot, it allows basic vertical/horizontal shelving arrangements.



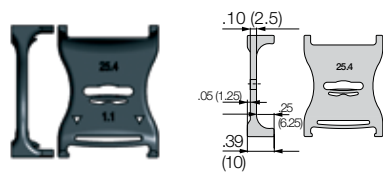
Separator, narrow base

|             |                 |
|-------------|-----------------|
| Unassembled | Part No. 25.3   |
| Assembled   | Part No. 25.3.1 |

- **Separator 25.3**

**For many thin cables**

is used when vertical and horizontal separation is required. Due to its slot, it allows basic vertical/horizontal shelving arrangements.



Separator, asymmetrical

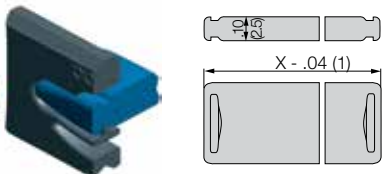
|             |                 |
|-------------|-----------------|
| Unassembled | Part No. 25.4   |
| Assembled   | Part No. 25.4.1 |

- **Separator 25.4**

**For side mounted applications**

is used when vertical and horizontal separation is required. Due to its slot, it allows basic vertical/horizontal shelving arrangements.

#### Lockable full-width shelves - for the standard interior separation



Full width shelf, lockable

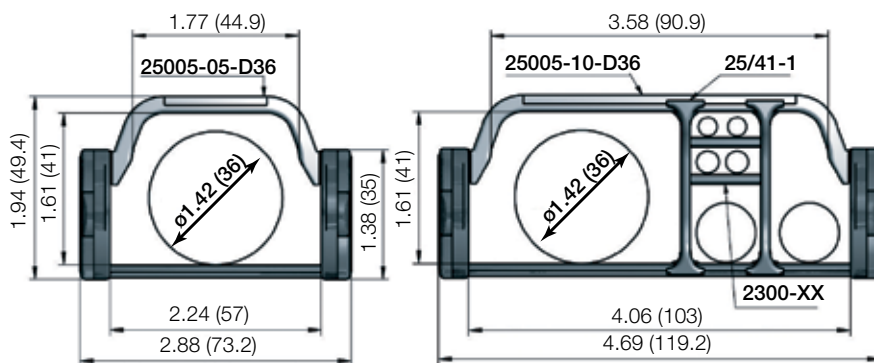
|             |                 |
|-------------|-----------------|
| Unassembled | Part No. 2300-X |
| Assembled   | Part No. 2310-X |

- **Full width shelf, lockable**

is used when vertical and horizontal separation is required. .

| Width X<br>in. (mm) | Part No.<br>Unassembled | Part No.<br>Assembled | Width X<br>in. (mm) | Part No.<br>Unassembled | Part No.<br>Assembled | Width X<br>in. (mm) | Part No.<br>Unassembled | Part No.<br>Assembled |
|---------------------|-------------------------|-----------------------|---------------------|-------------------------|-----------------------|---------------------|-------------------------|-----------------------|
| 0.59 (015)          | 2300-15                 | 2310-15               | 2.36 (060)          | 2300-60                 | 2310-60               | 3.43 (087)          | 2300-87                 | 2310-87               |
| 0.98 (025)          | 2300-25                 | 2310-25               | 2.44 (062)          | 2300-62                 | 2310-62               | 3.54 (090)          | 2300-90                 | 2310-90               |
| 1.18 (030)          | 2300-30                 | 2310-30               | 2.56 (065)          | 2300-65                 | 2310-65               | 3.94 (100)          | 2300-100                | 2310-100              |
| 1.50 (038)          | 2300-38                 | 2310-38               | 2.76 (070)          | 2300-70                 | 2310-70               | 4.06 (103)          | 2300-103                | 2310-103              |
| 1.57 (040)          | 2300-40                 | 2310-40               | 2.95 (075)          | 2300-75                 | 2310-75               | 4.33 (110)          | 2300-110                | 2310-110              |
| 1.97 (050)          | 2300-50                 | 2310-50               | 3.03 (077)          | 2300-77                 | 2310-77               | 4.72 (120)          | 2300-120                | 2310-120              |
| 2.24 (057)          | 2300-57                 | 2310-57               | 3.15 (080)          | 2300-80                 | 2310-80               | 4.92 (125)          | 2300-125                | 2310-125              |



**Part Number.**Extender crossbars  
for e-chains®  
that snap-open  
along inner radius2400-05D36-  -0  
2400-10D36-  -0Extender crossbars  
for e-chains®  
that snap-open  
along outer radius2500-05D36-  -0  
2500-10D36-  -0*Bi*

in. (mm)

2.24 (57)

4.06 (103)

*Ba*

in. (mm)

2.87 (73)

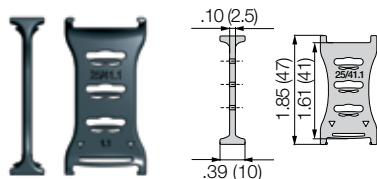
4.69 (119)

Choose from the radii below for all of the above sizes

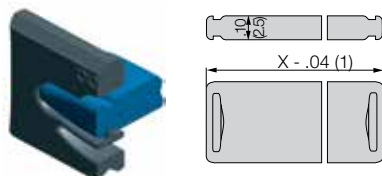
*Radius* (mm)Example: 2400-10D36-  100 -0

|   | 055*        | 075         | 100        | 125        | 150        | 175        | 200        | 225        | 250        |
|---|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| R | 1.38 (055*) | 1.50 (075*) | 3.94 (100) | 4.92 (125) | 5.91 (150) | 6.89 (175) | 7.87 (200) | 8.86 (225) | 9.84 (250) |

\*Radius 055 only possible with Series 2500 e-chains®

**Interior separation for extender crossbars****Separator, wide base**Unassembled **Part No. 25/41.1**Assembled **Part No. 25/41.1.1**● **Standard separator 25/41-1, wide base**

For maximum locking strength and safe standing. In standard configuration separators are assembled every 2nd e-chain® link.

**Lockable full-width shelves - for the standard interior separation****Full width shelf, lockable**Unassembled **Part No. 2300-X**Assembled **Part No. 2310-X**● **Full width shelf, lockable**

is used when vertical and horizontal separation is required. Due to its slot, it allows basic vertical/horizontal shelving arrangements.

| Width X<br>in. (mm) | Part No.<br>Unassembled | Part No.<br>Assembled | Width X<br>in. (mm) | Part No.<br>Unassembled | Part No.<br>Assembled | Width X<br>in. (mm) | Part No.<br>Unassembled | Part No.<br>Assembled |
|---------------------|-------------------------|-----------------------|---------------------|-------------------------|-----------------------|---------------------|-------------------------|-----------------------|
| 0.59 (015)          | 2300-15                 | 2310-15               | 2.36 (060)          | 2300-60                 | 2310-60               | 3.43 (087)          | 2300-87                 | 2310-87               |
| 0.98 (025)          | 2300-25                 | 2310-25               | 2.44 (062)          | 2300-62                 | 2310-62               | 3.54 (090)          | 2300-90                 | 2310-90               |
| 1.18 (030)          | 2300-30                 | 2310-30               | 2.56 (065)          | 2300-65                 | 2310-65               | 3.94 (100)          | 2300-100                | 2310-100              |
| 1.50 (038)          | 2300-38                 | 2310-38               | 2.76 (070)          | 2300-70                 | 2310-70               | 4.06 (103)          | 2300-103                | 2310-103              |
| 1.57 (040)          | 2300-40                 | 2310-40               | 2.95 (075)          | 2300-75                 | 2310-75               | 4.33 (110)          | 2300-110                | 2310-110              |
| 1.97 (050)          | 2300-50                 | 2310-50               | 3.03 (077)          | 2300-77                 | 2310-77               | 4.72 (120)          | 2300-120                | 2310-120              |
| 2.24 (057)          | 2300-57                 | 2310-57               | 3.15 (080)          | 2300-80                 | 2310-80               | 4.92 (125)          | 2300-125                | 2310-125              |

**Separator with integrated strain relief**

Strain relief separator Part No. 2020-Z can be integrated into the mounting bracket and can be placed there at any point of the e-chain®. It combines strain relief and interior separation, it can be installed on the first or last e-chain® link and is easy to assemble without any screws.

For more information ► **Chapter 10, Strain Relief**



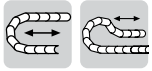
# e-chain system® E2/000

## Series 2400/2500

### Mounting Bracket - Plastic

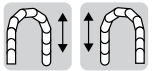
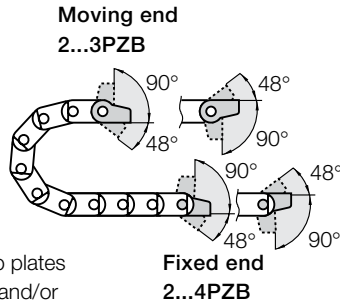
igus®

2400  
2500



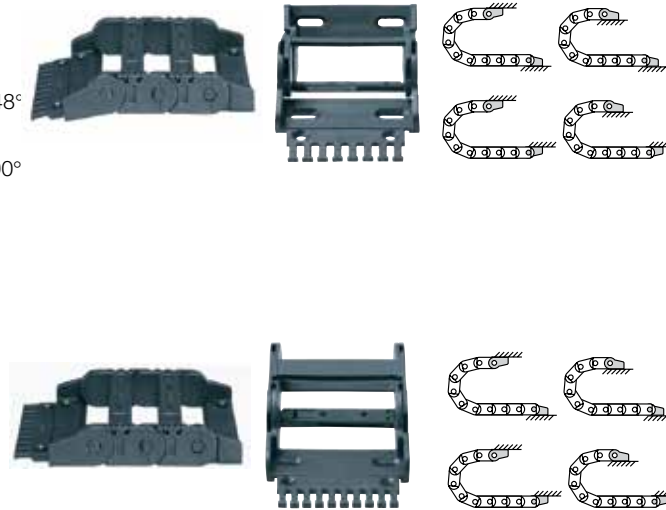
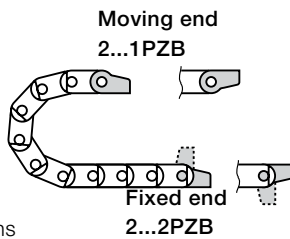
#### Option 1: pivoting

- For unsupported and gliding applications
- Well suited for tight installation conditions
- Detachable strain relief tiewrap plates
- Can be mounted on the fixed and/or moving end



#### Option 2: locking

- For unsupported and gliding applications
- Extreme speed and/or accelerations
- For height restricted applications
- Can be mounted on the fixed and/or moving end



#### Part Number Structure

2020- 34 PZB K1

- With 10 cable tiewraps
- With tiewrap plates
- Complete Set  
34 = Pivoting  
12 = Locking
- Mounting brackets for selected chain type

#### Full set, for both ends:

2020- 34 PZB Full set, each part with pin/bore + tiewrap plate

#### Single-part order:

- 2020- 3 PZB Mounting bracket with bore + tiewrap plate
- 2020- 4 PZB Mounting bracket with pin + tiewrap plate

Part No. Full Set (pivoting)  
With Tiewrap Plates  
Series 2400/2500:  
2020-34PZB

Part No. Full Set (locking)  
With Tiewrap Plates  
+ 10 cable ties  
Series 2400/2500:  
2020-34PZBK1

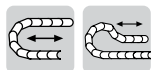
| For Chain Type | Part No. Full set without Tiewrap Plate | Part No. Full Set with Tiewrap Plate | Part No. Full Set with Tiewrap Plate + 10 cable ties | Dimension A in. (mm) | Number of teeth |
|----------------|-----------------------------------------|--------------------------------------|------------------------------------------------------|----------------------|-----------------|
| 2400/2500-02   | 2020- <input type="text"/> PZ           | 2020- <input type="text"/> PZB       | 2020- <input type="text"/> PZBK1                     | .47 (12)             | 3               |
| 2400/2500-03   | 2030- <input type="text"/> PZ           | 2030- <input type="text"/> PZB       | 2030- <input type="text"/> PZBK1                     | .98 (25)             | 4               |
| 2400/2500-05   | 2050- <input type="text"/> PZ           | 2050- <input type="text"/> PZB       | 2050- <input type="text"/> PZBK1                     | 1.73 (44)            | 6               |
| 2400/2500-07   | 2070- <input type="text"/> PZ           | 2070- <input type="text"/> PZB       | 2070- <input type="text"/> PZBK1                     | 2.52 (64)            | 8               |
| 2400/2500-09   | 2090- <input type="text"/> PZ           | 2090- <input type="text"/> PZB       | 2090- <input type="text"/> PZBK1                     | 3.03 (77)            | 9               |
| 2400/2500-10   | 2100- <input type="text"/> PZ           | 2100- <input type="text"/> PZB       | 2100- <input type="text"/> PZBK1                     | 3.54 (90)            | 10              |
| 2400/2500-12   | 2125- <input type="text"/> PZ           | 2125- <input type="text"/> PZB       | 2125- <input type="text"/> PZBK1                     | 4.41 (112)           | 12              |

34 or 12

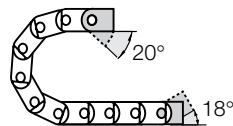
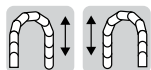
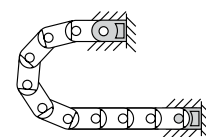
For pivoting brackets choose 34  
For locking brackets choose 12  
Example: 2020- 34 PZB

PDF: [igus.com/e-chain-pdfs](https://igus.com/e-chain-pdfs)  
Product information: [igus.com/e-chains](https://igus.com/e-chains)

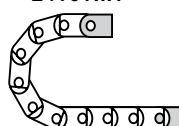
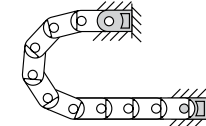


**Option 1: pivoting**

- For unsupported applications
- Bolted connection outside of chain cross section
- Confined installation conditions
- Attachment points on all sides
- Stackable

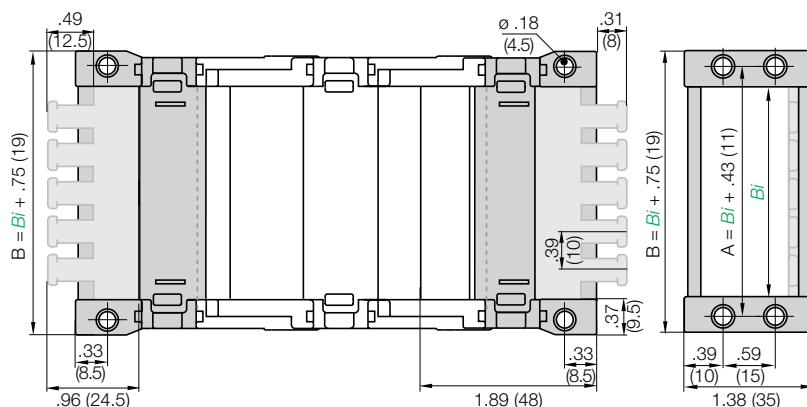
Moving end  
24001...1Fixed end  
24001...2**Option 2: locking**

- For vertical hanging/standing applications
- Bolted connection outside of chain cross section
- For very high speeds and accelerations
- Attachment points on all sides
- Stackable

Moving end  
24101...1Fixed end  
24101...2**Part Number Structure**

24001-02-12ZB

- With tiewrap plates
- Complete Set
- Width
- Mounting brackets for selected chain type  
24001 = Pivoting  
24101 = Locking



Full set, for both ends:

24001-12ZB Full set, each part with pin/bore + tiewrap plate

Single-part order:

24001-1ZB Mounting bracket with bore + tiewrap plate

24001-2ZB Mounting bracket with pin + tiewrap plate

Part No. Full Set (pivoting)

With Tiewrap Plates

Series 2480:

24001-Width-12ZB

Part No. Full Set (pivoting)

Without Tiewrap Plates

Series 2480:

24001-Width-12

| For Chain Type | Part No. Full set with Tiewrap Plate | Part No. Full Set without Tiewrap Plate | Dimension A in. | (mm)  | Number of Teeth |
|----------------|--------------------------------------|-----------------------------------------|-----------------|-------|-----------------|
| 2400/2500-02   | 24001-02-12ZB                        | 24001-02-12                             | 1.42            | (36)  | 2               |
| 2400/2500-03   | 24001-03-12ZB                        | 24001-03-12                             | 1.93            | (49)  | 4               |
| 2400/2500-05   | 24001-05-12ZB                        | 24001-05-12                             | 2.68            | (68)  | 6               |
| 2400/2500-07   | 24001-07-12ZB                        | 24001-07-12                             | 3.46            | (88)  | 7               |
| 2400/2500-09   | 24001-09-12ZB                        | 24001-09-12                             | 3.94            | (100) | 9               |
| 2400/2500-10   | 24001-10-12ZB                        | 24001-10-12                             | 4.49            | (114) | 10              |
| 2400/2500-12   | 24001-12-12ZB                        | 24001-12-12                             | 5.35            | (136) | 12              |

24001 or 24101

For pivoting brackets choose 24001

For locking brackets choose 24101

Example: 24001-02-12ZB

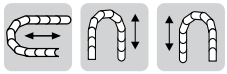
# e-chain system® E2/000

## Series 2400/2500

### Mounting Bracket - Steel

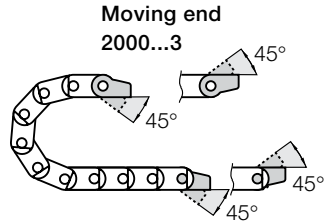


2400  
2500



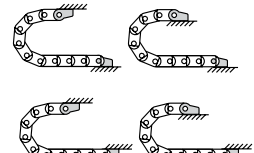
#### Option 1: Steel

- Pivoting connections
- One part (two-piece) for all chain widths
- Electrically conductive
- Bolted connection outside of chain cross-section possible

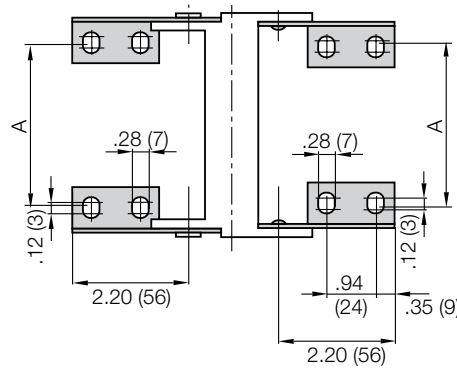
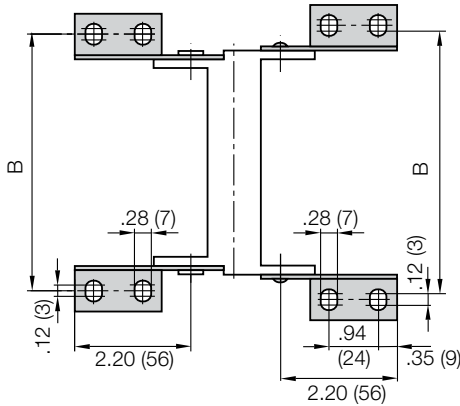


**Moving end**  
2000...3

**Fixed end**  
2000...2



Possible installation configurations -



| Chain Type   | Part No.<br>Full Set | Dimension A |       | Dimension B |       |
|--------------|----------------------|-------------|-------|-------------|-------|
|              |                      | in.         | (mm)  | in.         | (mm)  |
| 2400/2500-02 | 2000-32              | —           | —     | 2.36        | (60)  |
| 2400/2500-03 | 2000-32              | .98         | (25)  | 2.87        | (73)  |
| 2400/2500-05 | 2000-32              | 1.73        | (44)  | 3.62        | (92)  |
| 2400/2500-07 | 2000-32              | 2.52        | (64)  | 4.41        | (112) |
| 2400/2500-09 | 2000-32              | 2.99        | (76)  | 4.88        | (124) |
| 2400/2500-10 | 2000-32              | 3.54        | (90)  | 5.43        | (138) |
| 2400/2500-12 | 2000-32              | 4.41        | (112) | 6.30        | (160) |

**Part No. Mounting Brackets Full Set**  
4 parts, 2 with pin, 2 with bore  
Series 2400/2500:  
**2000-32**

**Part No. Mounting Bracket Moving End**  
2 parts, 1 left & 1 right  
Series 2400/2500:  
**2000-3**

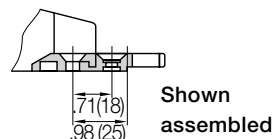
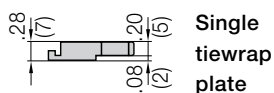
**Part No. Mounting Bracket Fixed End**  
2 parts, 1 left & 1 right  
Series 2400/2500:  
**2000-2**

PDF: [igus.com/e-chain-pdfs](https://igus.com/e-chain-pdfs)  
Product information: [igus.com/e-chains](https://igus.com/e-chains)





## Tiewrap Plates

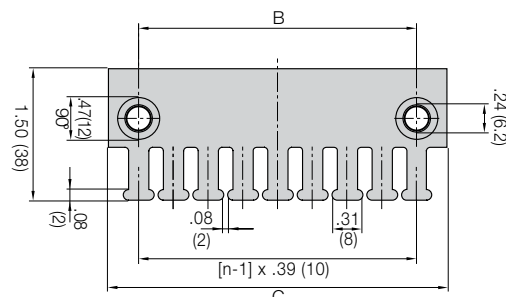
Shown  
assembledSingle  
tiewrap  
plate

## Option 1:

## Tiewrap plates as an individual part

Available as an individual component, can be fixed onto a mounting bracket with the use of a profile rail.

| Tiewrap Plates | n<br>Number<br>of Teeth | Dimension<br>C | Dimension<br>B |
|----------------|-------------------------|----------------|----------------|
| 2020-ZB        | 3                       | 1.18 (30)      | .59 (15)       |
| 2030-ZB        | 4                       | 1.57 (40)      | .79 (20)       |
| 2040-ZB        | 5                       | 1.97 (50)      | 1.18 (30)      |
| 2050-ZB        | 6                       | 2.36 (60)      | 1.57 (40)      |
| 2070-ZB        | 8                       | 3.15 (80)      | 2.36 (60)      |
| 2090-ZB        | 9                       | 3.54 (90)      | 2.76 (70)      |
| 2100-ZB        | 10                      | 3.94 (100)     | 3.15 (80)      |
| 2125-ZB        | 12                      | 4.72 (120)     | 3.94 (100)     |



For more information please refer to strain relief section of Chapter 10



## Cable tiewraps as individual parts

| Cable tiewraps<br>100 pieces/bag | Width x Length |             | Maximum Ø |      | Tensile Strength |       |
|----------------------------------|----------------|-------------|-----------|------|------------------|-------|
|                                  | in.            | (mm)        | in.       | (mm) | lbs              | (N)   |
| CFB-001                          | .19 x 5.91     | (4.8 x 150) | 1.42      | (36) | 50               | (222) |

## Strain relief for steel mounting brackets

Clip-on connection is not possible with steel mounting brackets. In this case, the tie-wrap plates must be bolted directly into separate bore holes in front of the mounting bracket. Alternatively the tie-wrap plates **20XX-ZB** can be also used here. **Details chapter 10**

