Advantages of the E2.1 series:
● More usable interior space with inner heights of 26, 38 and 48mm while the outer height is the same as the E2/000 e-chains®
● Easy to open - openable along the inner and outer radius, from both sides (left or right)
● Greater strength for unsupported applications
● Longer service life for gliding applications
● Integrated grid for interior separation in 2.5mm steps
● Cable-friendly due to smooth interior
● Quiet operation due to integrated brake
● igus® e-chain® opener for rapid opening in seconds, available for Series E2.38
● Complete interior separation range

When to use another e-chain® series:
● When a light, cost-effective e-chain®/e-tube with higher dynamics is needed ➤ E4.1L, from page 524
● When even higher strength is required ➤ E4.1L, from page 524
● For very simple applications with fast filling ➤ easy chain®, page 198
New generation E2/000 e-chains® - E2.1

The proven e-chain system® E2/000 has been the worldwide standard in machinery since the year 2000. Continuous improvements over many years have now been combined in the new generation E2.1 and a new standard has been set. More usable filling space with the same outer dimensions and lower noise with increased service life and strength.

- More usable interior space while the outer height is the same as the E2/000 e-chains®
- Easy to open - openable along the inner and outer radius, from both sides (left or right)
- Quiet operation due to optimised brake
- Greater strength for unsupported applications
- Longer service life for gliding applications
- Notched crossbar with 2.5mm spacing
- Complete interior separation range

Typical industries and applications
- Machine tools
- Wood processing machines
- General mechanical engineering and all other areas

Universal connection:
- many mounting options with or without strain relief

Easy to open:
- openable along the inner and outer radius, from both sides (left or right)

Cable-friendly:
- very smooth contours ensure the longest cable life

Economical:
- E2.1 is lighter and offers more inner height than the E2/000 system with the same outer dimensions

Quiet operation:
- integrated brake reduces noise

Long service life:
- due to integrated gliding surfaces even on long travels

High strength:
- large pin/bore and crossbar with high locking force

Open 1m e-chain® in 2 seconds. igus® e-chain® opener for rapid opening in seconds, available for Series E2.38

More usable filling space, quiet operation due to integrated brake - the new generation E2 e-chains®

E2i.1 New Introduction

Advantages

New generation E2/000 e-chains® - E2.1

The proven e-chain system® E2/000 has been the worldwide standard in machinery since the year 2000. Continuous improvements over many years have now been combined in the new generation E2.1 and a new standard has been set. More usable filling space with the same outer dimensions and lower noise with increased service life and strength.

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High strength:
- large pin/bore and crossbar with high locking force

Open 1m e-chain® in 2 seconds. igus® e-chain® opener for rapid opening in seconds, available for Series E2.38

More usable filling space, quiet operation due to integrated brake - the new generation E2 e-chains®

E2.26** 048 - 250 342
E2.38** 063 - 250 348
E2.48** 075 - 300 354

**Available upon request. Please consult igus® for delivery time.

E2i.1 New Introduction

Advantages

New generation E2/000 e-chains® - E2.1

The proven e-chain system® E2/000 has been the worldwide standard in machinery since the year 2000. Continuous improvements over many years have now been combined in the new generation E2.1 and a new standard has been set. More usable filling space with the same outer dimensions and lower noise with increased service life and strength.

- More usable interior space while the outer height is the same as the E2/000 e-chains®
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- Longer service life for gliding applications
- Notched crossbar with 2.5mm spacing
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More usable filling space, quiet operation due to integrated brake - the new generation E2 e-chains®

E2.26** 048 - 250 342
E2.38** 063 - 250 348
E2.48** 075 - 300 354

**Available upon request. Please consult igus® for delivery time.

More information ► www.igus.eu/E2.1

More information ► www.igus.eu/E2.1

More information ► www.igus.eu/E2.1

More information ► www.igus.eu/E2.1
**E2.1 | Features | Accessories**

- Special brake in the stop-dogs reduces noise level by up to 3 dB(A)
- Crossbar openable both sides and from above or from the side, using only a screwdriver
- Separators are secure even when e-chain® is open
- Plastic-metal mounting brackets for strong connection of the e-chain® to the machine, optionally available with C-profile
- Integrated gliding surfaces ensure a long service life, even for long travels
- Lean separators enable extremely fast cable filling in several layers
- Strain relief e.g. clamps, tie-wrap plates, nuggets, etc. ➤ From page 1300
- Aluminium SuperTrough - the standard igus® guide trough ➤ From page 1208
- Aluminium support tray for support of the lower run ➤ From page 1270

**E2.1 | Technical data | Overview**

### Installation types, maximum travels

<table>
<thead>
<tr>
<th>Series</th>
<th>Unsupported</th>
<th>Gilding</th>
<th>Vertical hanging</th>
<th>Vertical standing</th>
<th>Side mounted unsupported</th>
<th>Rotary</th>
<th>Zig-zag</th>
<th>Unsupported length lower run</th>
</tr>
</thead>
<tbody>
<tr>
<td>E2i.26 / E2.26</td>
<td>≤ 4.25m</td>
<td>≤ 100m</td>
<td>≤ 40m</td>
<td>≤ 3.0m</td>
<td>≤ 1.0m</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
</tr>
<tr>
<td>E2i.38 / E2.38</td>
<td>≤ 5.5m</td>
<td>≤ 120m</td>
<td>≤ 50m</td>
<td>≤ 3.0m</td>
<td>≤ 1.0m</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
</tr>
<tr>
<td>E2i.48 / E2.48</td>
<td>≤ 6.0m</td>
<td>≤ 150m</td>
<td>≤ 80m</td>
<td>≤ 3.0m</td>
<td>≤ 1.0m</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
</tr>
</tbody>
</table>

1) For openable series along the inner radius in gliding applications, please consult igus®

---

**Reduce assembly time - E2.1 e-chain® opener**

- igus® e-chain® opener for rapid opening in seconds, available for Series E2.38
- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go

More information ➤ www.igus.eu/E2.1opener
### Options with order keys | Examples based on series E2i.38/E2.38

<table>
<thead>
<tr>
<th>Standard</th>
<th>Optional noise dampers</th>
<th>NC version - (No Camber) without pretension</th>
<th>Reverse Bend Radius (RBR) for circular movements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. Standard</td>
<td>Part No. Low noise (with pads)</td>
<td>Part No. NC version</td>
<td>Part No. RBR</td>
</tr>
<tr>
<td>E2i.38.065.0.R</td>
<td>E2i.38.065.0.R</td>
<td>E2i.38.065.0.NC</td>
<td>E2i.38.065.0.R1/R2.0</td>
</tr>
<tr>
<td>E2.38.065.0.R</td>
<td>–</td>
<td>E2.38.065.0.NC</td>
<td>E2.38.065.0.R1/R2.0</td>
</tr>
<tr>
<td>e-chain® openable along inner radius</td>
<td>e-chain® openable along inner radius</td>
<td>e-chain® openable along inner radius</td>
<td>e-chain® openable along inner radius</td>
</tr>
<tr>
<td>e-chain® openable along the outer radius</td>
<td>–</td>
<td>e-chain® openable along the outer radius</td>
<td>e-chain® openable along the outer radius</td>
</tr>
</tbody>
</table>

*Delivery times* in 24 - 48hrs. | Available upon request | Delivery time* 2-5 business days | Available upon request |

1) For openable series along the inner radius in gliding applications, please consult igus®

### Order example | Examples based on series E2.38

**Order example for complete e-chain® (1.0m), colour black, with mounting brackets and interior separation:**

- e-chain® (1.0m) Please indicate e-chain® length or number of links: 1.0m or 22 links $E2.38.065.100.0$
- + Mounting brackets 1 set (with tielwrap plates) 2606.34PZB
- Interior separation with 2 separators assembled every 2nd link 2 x 38.1.1

**Order text:** 1 m E2.38.065.100.0 + 2606.34PZB + 2 x 38.1.1

### Order key and colour examples | Examples based on series E2i.38/E2.38

**Order key**

- e-chain® openable along the inner radius
- e-chain® openable along the outer radius

<table>
<thead>
<tr>
<th>Order index for colour options</th>
<th>Colour</th>
<th>Order index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Standard</td>
<td>.0</td>
</tr>
<tr>
<td>Silver-grey</td>
<td>Special colour</td>
<td>.31</td>
</tr>
<tr>
<td>White</td>
<td>Special colour</td>
<td>.1</td>
</tr>
<tr>
<td>Grey-white</td>
<td>Special colour</td>
<td>.15</td>
</tr>
</tbody>
</table>

Black e-chains® available from stock. Above special colours available upon request.

**More information** ► www.igus.eu/E2.1
e-chains® | Series E2.26
Crossbars openable along the inner radius, from both sides

- Quiet operation, stronger and quicker to open
- Open design - dirt and debris fall through
- Easy installation and connection of the e-chain®
- Noise-reducing glide strip integrated as standard
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Aluminium support tray
  - Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
  - Noise-reducing glide strip integrated as standard
  - Easy installation and connection of the e-chain®
  - Open design - dirt and debris fall through

More information ► From page 1270

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Bi (mm)</th>
<th>Ba (mm)</th>
<th>Available bend radii</th>
</tr>
</thead>
<tbody>
<tr>
<td>E2.26</td>
<td>E2.26.025.R0</td>
<td>25</td>
<td>048</td>
</tr>
<tr>
<td>E2.26</td>
<td>E2.26.038.R0</td>
<td>38</td>
<td>42</td>
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<tr>
<td>E2.26</td>
<td>E2.26.057.R0</td>
<td>57</td>
<td>74</td>
</tr>
<tr>
<td>E2.26</td>
<td>E2.26.077.R0</td>
<td>77</td>
<td>94</td>
</tr>
<tr>
<td>E2.26</td>
<td>E2.26.089.R0</td>
<td>89</td>
<td>106</td>
</tr>
<tr>
<td>E2.26</td>
<td>E2.26.103.R0</td>
<td>103</td>
<td>120</td>
</tr>
<tr>
<td>E2.26</td>
<td>E2.26.125.R0</td>
<td>125</td>
<td>142</td>
</tr>
</tbody>
</table>

Width available upon request. Please consult igus® for delivery times.

Complete Part No. with required radius (R). Example: E2.26.038.048.0

Aluminium support tray
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through

More information ► From page 1270

Before using series E2.26 on long travels please consult igus®.

The required clearance height: \( H = H + 25 \text{mm} \) (with 1.5kg/m fill weight)

For long travels, igus® recommends series E2.26 openable along the outer radius.

For long travels from 10m to max. 100m

**Note:** Before using series E2.26 on long travels please consult igus®.

For long travels, igus® recommends series E2.26 openable along the outer radius.

In case of travels between 4 and 10m we recommend an e-chain® with a longer unsupported length.

Before using series E2.26 on long travels please consult igus®.
### Polymer Locking

#### Part No.
- **KMA** mounting brackets
- **KMA** with tiewrap plates
- **KMA** with tiewrap plates

#### Width Index
- **025.**
- **038.**
- **057.**
- **077.**
- **089.**
- **103.**
- **125.**

#### Full Set
- **2020.34PZB**
- **2030.34PZB**
- **2050.34PZB**
- **2090.34PZB**
- **2070.34PZB**
- **2100.34PZB**
- **2125.34PZB**

#### Lengths
- **10**
- **12**
- **9**
- **8**
- **6**
- **4**
- **3**

#### Number of Teeth
- **3**
- **6**
- **9**
- **12**
- **15**
- **18**

#### Optional Strain Relief
- Without tiewrap plates, please state part number without index ZB

#### From Page 1300

### Polymer Pivoting

#### Part No.
- **KMA** with tiewrap plates
- **KMA** with tiewrap plates

#### Width Index
- **025.**
- **038.**
- **057.**
- **077.**
- **089.**
- **103.**
- **125.**

#### Full Set
- **2020.34PZB**
- **2030.34PZB**
- **2050.34PZB**
- **2090.34PZB**
- **2070.34PZB**
- **2100.34PZB**
- **2125.34PZB**

#### Lengths
- **10**
- **12**
- **9**
- **8**
- **6**
- **4**
- **3**

#### Number of Teeth
- **3**
- **6**
- **9**
- **12**
- **15**
- **18**

#### Optional Strain Relief
- Without tiewrap plates, please state part number without index ZB

#### From Page 1300

---

**E2.26**

No lateral gap to side links necessary. As standard separators are fitted every 2nd e-chain® link!

For even faster installation
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

Locks securely in preset increments
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.

Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

Separator with integrated strain relief teeth
● Can be integrated into the mounting bracket or placed at any point in the e-chain®
● Combines strain relief and interior separation, for restricted space conditions
● Strain relief separator is easy to assemble without any screws

Shelves
Width = X [mm]

<table>
<thead>
<tr>
<th>X [mm]</th>
<th>Unassembled</th>
<th>Assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td>015</td>
<td>2300.015</td>
<td>2310.015</td>
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<tr>
<td>025</td>
<td>2300.025</td>
<td>2310.025</td>
</tr>
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<td>030</td>
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<td>2310.030</td>
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</tr>
<tr>
<td>057</td>
<td>2300.057</td>
<td>2310.057</td>
</tr>
</tbody>
</table>

Separator, narrow top
Unassembled E2.26.2
Assembled E2.26.2.1

Notch separator for notched crossbar
Unassembled E2.26.5
Assembled E2.26.5.1

Shelf, lockable
Unassembled 2300.X
Assembled 2310.X

Quiet operation, stronger and quicker to open

- Noise-reducing glide strip integrated as standard
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through

Reduce assembly time - E2.1 e-chain® opener
- igus® e-chain® opener for rapid opening in seconds, available for Series E2.38
- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go

Aluminium support tray
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through

More information ▶ www.igus.eu/E2.1opener

Crossbars openable along the inner radius, from both sides

Crossbars openable along the outer radius, from both sides

Available bend radii

Part No. e-chains® openable along inner radius
<table>
<thead>
<tr>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
</tr>
</thead>
<tbody>
<tr>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
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<tr>
<td>175</td>
<td>192</td>
<td>150</td>
<td>167</td>
<td>125</td>
<td>142</td>
<td>100</td>
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<tr>
<td>100</td>
<td>117</td>
<td>125</td>
<td>142</td>
<td>150</td>
<td>167</td>
<td>175</td>
</tr>
</tbody>
</table>

More information ▶ www.igus.eu/E2i.38

Available bend radii

Part No. e-chains® openable along outer radius
<table>
<thead>
<tr>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
<th>E2.38</th>
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<tbody>
<tr>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
</tr>
<tr>
<td>063</td>
<td>075</td>
<td>100</td>
<td>125</td>
<td>150</td>
<td>175</td>
<td>200</td>
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<td>250</td>
<td>200</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
<td>450</td>
</tr>
</tbody>
</table>

More information ▶ www.igus.eu/E2.38

For long travels, igus® recommends series E2.38 openable along the outer radius.

In case of travels between 5 and 10m we recommend an e-chain® with a longer unsupported length.

The required clearance height: \( H_r = H + 35\, \text{mm} \) (with 2.0kg/m fill weight)

Before using series E2.38 on long travels please consult igus®.
Polymer pivoting | Recommended for unsupported and gliding applications
Polymer locking | Recommended for vertical hanging and standing applications

<table>
<thead>
<tr>
<th>Width</th>
<th>Part No.</th>
<th>Full set pivoting</th>
<th>Full set locking</th>
<th>A [mm]</th>
<th>B [mm]</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>050.</td>
<td>2605.34PZB</td>
<td>2605.34PZ</td>
<td>2605.12PZB</td>
<td>68</td>
<td>30</td>
<td>5</td>
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<td>075.</td>
<td>2607.34PZB</td>
<td>2607.34PZ</td>
<td>2607.12PZB</td>
<td>93</td>
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<td>7</td>
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<td>100.</td>
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<td>2610.34PZ</td>
<td>2610.12PZB</td>
<td>118</td>
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<tr>
<td>125.</td>
<td>2612.34PZB</td>
<td>2612.34PZ</td>
<td>2612.12PZB</td>
<td>143</td>
<td>105</td>
<td>12</td>
</tr>
<tr>
<td>150.</td>
<td>2615.34PZB</td>
<td>2615.34PZ</td>
<td>2615.12PZB</td>
<td>168</td>
<td>130</td>
<td>15</td>
</tr>
</tbody>
</table>

Full set with tiewrap plate + 10 cable tiewraps, please add index K1. Example: 2606.34PZB.K1

- Polymer pivoting is recommended for unsupported and gliding applications.
- Polymer locking is recommended for vertical hanging and standing applications.


Order example: 2606.34PZB.A1

<table>
<thead>
<tr>
<th>Shelves</th>
<th>Width</th>
<th>X [mm]</th>
<th>Unassembled</th>
<th>Assembled</th>
<th>Unassembled</th>
<th>Assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td>050.</td>
<td>3200.050</td>
<td>3200.050</td>
<td>3200.125</td>
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<td>3200.075</td>
<td>3200.150</td>
<td>3201.150</td>
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<td>3201.115</td>
<td>3200.200</td>
<td>3201.200</td>
<td>3200.200</td>
<td>3201.200</td>
</tr>
</tbody>
</table>

More information: www.igus.eu/E2.38 | www.igus.eu/E2i.38

3D CAD, configurators, service life calculation and more: www.igus.eu/E2.1
No lateral gap to side links necessary. As standard separators are fitted every 2nd e-chain® link!

Split separators
In order to fill e-chains® more easily and effectively, these separators can be split in the middle. This allows easier access to middle shelf partitions. Fast assembly and easy retrofit. 2 types available: with wide or narrow top.

Lean separators
New design allows extremely fast fitting of shelves in several layers, which significantly reduces assembly time. Enables extremely fast replacement of individual cables in a very full e-chain®.

Lean separator design - several layers of cables fitted quickly, save up to 50%* assembly time
("Lean separator vs. standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory")
e-chains® | Series E2i.48 | Crossbars openable along the inner radius, from both sides

Part No. e-chains® | Part No. e-chains® | R | Available bend radii (mm) | E2i.48 | E2.48
--- | --- | --- | --- | --- | ---
E2i.48, 050 | E2.48, 050 | 50 | 72 | 075 100 125 150 200 250 300 | 1.7 | 1.7
E2i.48, 075 | E2.48, 075 | 75 | 97 | 075 100 125 150 200 250 300 | 1.8 | 1.8
E2i.48, 100 | E2.48, 100 | 100 | 122 | 075 100 125 150 200 250 300 | 2.0 | 2.0
E2i.48, 115 | E2.48, 115 | 115 | 137 | 075 100 125 150 200 250 300 | 2.1 | 2.1
E2i.48, 125 | E2.48, 125 | 125 | 147 | 075 100 125 150 200 250 300 | 2.2 | 2.2
E2i.48, 150 | E2.48, 150 | 150 | 172 | 075 100 125 150 200 250 300 | 2.3 | 2.3
E2i.48, 175 | E2.48, 175 | 175 | 197 | 075 100 125 150 200 250 300 | 2.4 | 2.4
E2i.48, 200 | E2.48, 200 | 200 | 222 | 075 100 125 150 200 250 300 | 2.6 | 2.6
E2i.48, 225 | E2.48, 225 | 225 | 247 | 075 100 125 150 200 250 300 | 2.9 | 2.9
E2i.48, 250 | E2.48, 250 | 250 | 272 | 075 100 125 150 200 250 300 | 3.2 | 3.2

*Available upon request. Please consult igus® for delivery times.

Complete Part No. with required radius (R). Example: E2i.48, 075, 075, 0

Steel support tray for support of the lower run
- Simple one-piece support trays for the lower run
- To your requirements and specification
- 4 options available

More information ▶ From page 1264

Unsupported applications | Short travels

**Note** Before using series E2i.48 on long travels please consult igus®.

For long travels, igus® recommends series E2.48 openable along the outer radius.

In case of travels between 6 and 10m we recommend an e-chain® with a longer unsupported length.

More information ▶ www.igus.eu/E2.1

E2i.48 E2.48

Quiet operation, stronger and quicker to open

… E2i.48 … E2.48

Polymer pivoting
Recommended for unsupported and gliding applications

Polymer locking
Recommended for vertical hanging and standing applications

Width | Part No. full set pivoting with tiewrap plates | Part No. full set locking with tiewrap plates | A | B | Number of teeth
--- | --- | --- | --- | --- | ---
50. | 3050.34PZB | 3050.12PZB | 71 | 28 | 5
75. | 3075.34PZB | 3075.12PZB | 96 | 53 | 7
100. | 3100.34PZB | 3100.12PZB | 121 | 78 | 10
125. | 3125.34PZB | 3125.12PZB | 146 | 103 | 12
150. | 3150.34PZB | 3150.12PZB | 171 | 128 | 15
175. | 3175.34PZB | 3175.12PZB | 196 | 153 | 17
200. | 3200.34PZB | 3200.12PZB | 221 | 178 | 20
225. | 3225.34PZB | 3225.12PZB | 246 | 203 | 22
250. | 3250.34PZB | 3250.12PZB | 271 | 228 | 25

Full set with tiewrap plate + 10 cable tiewraps, please add index K1. Example: 3275.34PZB.K1

Strain relief e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options ➤ From page 1300

More information ➤ www.igus.eu/E2.48 ➤ www.igus.eu/E2i.48

3D CAD, configurators, service life calculation and more ➤ www.igus.eu/E2.1
No lateral gap to side links necessary. As standard separators are fitted every 2nd e-chain® link!

Split separators
In order to fill e-chains® more easily and effectively, these separators can be split in the middle. This allows easier access to middle shelf partitions. Fast assembly and easy retrofit. 2 types available: with wide or narrow top.

Lean separators
New design allows extremely fast fitting of shelves in several layers, which significantly reduces assembly time. Enables extremely fast replacement of individual cables in a very full e-chain®.

Lean separator design - several layers of cables fitted quickly, save up to 50%* assembly time
(*Lean separator vs. standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory)
E2/000
All-rounder for a wide range of applications

Advantages of the E2/000 series:
● When a medium-sized, strong system (e-chains®, half e-tubes, completely enclosed e-tubes) is required
● For unsupported lengths up to 3.0m and fill weights up to 13kg/m
● For long travels up to 150m
● If an openable system is required to quickly open from either the left or right
● Various fastening options

When to use another e-chain® series:
● When a stronger, light, cost-effective e-chain®/e-tube is required ► E4.1L, page 524
● For very simple applications with fast filling
  ► easy chain®, page 198
● When very sealed e-tubes are required
  ► E2 R100 e-tube, page 428
  ► E2 R e-tube, page 454
  ► R2.1 e-tube, page 478
  ► RX e-tube, page 502
The all-rounder for a wide range of applications - E2/000

Series E2/000 is the fourth generation in this size. All past experience went into this series: easy and versatile assembly combined with ruggedness - high strength paired with quieter motion - long cable life and many mounting options. The design is consistent across all E2/000 variants. It is the standard product for machinery around the world.

Typical industries and applications
- Material handling
- Construction machinery
- Woodworking machines
- Machine tools
- Glass machines
- Plastic machines
- Long travel applications in many industries
- Semiconductors
- Theatre, entertainment and amusement parks, etc.
- Vehicles
- General machinery, etc.

Electrically conductive ESD e-chains® - several series available from stock

46dB(A) - level determined at the igus® test-lab, v = 1.0m/s unsupported, e.g. series 2600.05.075.0

UL94-V0 classifications upon request

IPA Qualification Certificate - Report IG 1303-640-1:
ISO Class 2, according to DIN EN ISO 14644-1 for System E2/000, Series 1500.050.038.0. at v = 0.5 / 1.0 / 2.0m/s

IPA Qualification Certificate - Report IG 0308-295:
ISO Class 3, according to DIN EN ISO 14644-1 for System E2/000, Series 2500.050.035.0. at v = 2.0m/s

Explore the benefits | www.igus.eu/best/E2000

E2/000 | Selection table

<table>
<thead>
<tr>
<th>Series</th>
<th>Inner height h</th>
<th>Inner width b</th>
<th>Outer width B</th>
<th>Outer height h</th>
<th>Bend radius R</th>
<th>Unsupported length ≤ [m]</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>E2/000 e-chains®</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1400</td>
<td>21 15 - 125</td>
<td>28.5 - 138.5</td>
<td>28</td>
<td>035 - 180</td>
<td>1.75</td>
<td>368</td>
<td></td>
</tr>
<tr>
<td>2400</td>
<td>25 25 - 125</td>
<td>41 - 141</td>
<td>35</td>
<td>055 - 250</td>
<td>2.25</td>
<td>380</td>
<td></td>
</tr>
<tr>
<td>2600</td>
<td>35 50 - 175</td>
<td>66 - 194</td>
<td>50</td>
<td>063 - 250</td>
<td>2.75</td>
<td>392</td>
<td></td>
</tr>
<tr>
<td>3400</td>
<td>45 50 - 250</td>
<td>70 - 270</td>
<td>64</td>
<td>075 - 300</td>
<td>3.00</td>
<td>408</td>
<td></td>
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<tr>
<td>E2/000 half e-tubes</td>
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<td></td>
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<td>28.5 - 138.5</td>
<td>28</td>
<td>075 - 180</td>
<td>1.75</td>
<td>374</td>
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<td>25 25 - 125</td>
<td>41 - 141</td>
<td>35</td>
<td>055 - 250</td>
<td>2.25</td>
<td>386</td>
<td></td>
</tr>
<tr>
<td>2650</td>
<td>35 50 - 175</td>
<td>66 - 194</td>
<td>50</td>
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<td>2.75</td>
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</tr>
<tr>
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<td>70 - 270</td>
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<td>E2/000 full e-tubes</td>
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<td></td>
</tr>
<tr>
<td>1480</td>
<td>21 15 - 125</td>
<td>28.5 - 138.5</td>
<td>28</td>
<td>075 - 180</td>
<td>1.75</td>
<td>374</td>
<td></td>
</tr>
<tr>
<td>2480</td>
<td>25 25 - 125</td>
<td>41 - 141</td>
<td>35</td>
<td>075 - 250</td>
<td>2.25</td>
<td>386</td>
<td></td>
</tr>
<tr>
<td>2680</td>
<td>35 50 - 175</td>
<td>66 - 194</td>
<td>50</td>
<td>100 - 250</td>
<td>2.75</td>
<td>400</td>
<td></td>
</tr>
<tr>
<td>3480</td>
<td>45 50 - 250</td>
<td>70 - 270</td>
<td>64</td>
<td>125 - 300</td>
<td>3.00</td>
<td>416</td>
<td></td>
</tr>
</tbody>
</table>

Available from stock. Ready to ship in 24 - 48hrs.*

*The delivery times indicated correspond to the average time until the ordered goods are dispatched.

3D CAD, configurators, service life calculation and more | www.igus.eu/E2000
E2/000 | Features | Accessories

Openable mechanism, openable along the left or right and to 180°
Open E2/000 in a flash with the e-chain® opener ► www.igus.eu/E2opener
E2/000 | Technical data | Overview

Technical data

| Speed gliding / acceleration gliding | ≤ 10 [m/s] / ≤ 50 [m/s²] |
| Speed FLG / acceleration FLG | ≤ 20 [m/s] / ≤ 200 [m/s²] |
| Speed FLB / acceleration FLB | ≤ 3 [m/s] / ≤ 6 [m/s²] |

Material - permitted temperature °C, igumid G
-40°C / +120°C

Flammability class, igumid G
VDE 0304 IIC UL94-HB

FLG = unsupported with straight upper run
FLB = unsupported with permitted sag

1) For openable series along the inner radius in gliding applications, please consult igus®

Installation types, maximum travels

<table>
<thead>
<tr>
<th>Series</th>
<th>Unsupported</th>
<th>Gilding</th>
<th>Vertical hanging</th>
<th>Vertical standing</th>
<th>Side mounted unsupported</th>
<th>Rotary</th>
<th>Zig-zag</th>
<th>Unsupported length lower run</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400 / 1500 / 1450 / 1480</td>
<td>≤ 3.9m</td>
<td>≤ 75m</td>
<td>≤ 20m</td>
<td>≤ 2.0m</td>
<td>≤ 0.7m</td>
<td>with rework</td>
<td>upon request</td>
<td>upon request</td>
</tr>
<tr>
<td>2400 / 2500 / 2450 / 2480</td>
<td>≤ 4.25m</td>
<td>≤ 100m</td>
<td>≤ 40m</td>
<td>≤ 3.0m</td>
<td>≤ 1.0m</td>
<td>with rework</td>
<td>upon request</td>
<td>upon request</td>
</tr>
<tr>
<td>2600 / 2700 / 2650 / 2680</td>
<td>≤ 5.5m</td>
<td>≤ 120m</td>
<td>≤ 50m</td>
<td>≤ 3.0m</td>
<td>≤ 1.0m</td>
<td>with rework</td>
<td>upon request</td>
<td>upon request</td>
</tr>
<tr>
<td>3400 / 3500 / 3450 / 3480</td>
<td>≤ 6.0m</td>
<td>≤ 150m</td>
<td>≤ 80m</td>
<td>≤ 3.0m</td>
<td>≤ 1.0m</td>
<td>with rework</td>
<td>upon request</td>
<td>upon request</td>
</tr>
<tr>
<td>255</td>
<td>≤ 3.6m</td>
<td>≤ 100m</td>
<td>≤ 40m</td>
<td>≤ 3.0m</td>
<td>≤ 1.0m</td>
<td>with rework</td>
<td>upon request</td>
<td>upon request</td>
</tr>
</tbody>
</table>

1) For openable series along the inner radius in gliding applications, please consult igus®


3D CAD, configurators, service life calculation and more ► www.igus.eu/E2000
**Options with order keys**

**Options and order keys**

**Examples based on series 2400/2500/2450/2480**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Standard</th>
<th>Optional noise dampers</th>
<th>NC version</th>
<th>Reverse Bend Radius (RBR) for circular movements</th>
</tr>
</thead>
<tbody>
<tr>
<td>2400.03.R.0</td>
<td>e-chain® openable along inner radius</td>
<td>e-chain® openable along inner radius</td>
<td>e-chain® openable along inner radius</td>
<td></td>
</tr>
<tr>
<td>2500.03.R.0</td>
<td>e-chain® openable along outer radius</td>
<td>e-chain® openable along outer radius</td>
<td>e-chain® openable along outer radius</td>
<td></td>
</tr>
<tr>
<td>2450.03.R.0</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td></td>
</tr>
<tr>
<td>2480.03.R.0</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td></td>
</tr>
</tbody>
</table>

**Examples based on series 2400/2500/2450/2480**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>XXL material</th>
<th>igumid HT</th>
<th>igumid ESD</th>
<th>igumid DT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2400.03.R.0,XXL</td>
<td>e-chain® openable along inner radius</td>
<td>Complete e-tube</td>
<td>Complete e-tube</td>
<td>Complete e-tube</td>
</tr>
<tr>
<td>2500.03.R.0,XXL</td>
<td>e-chain® openable along outer radius</td>
<td>Complete e-tube</td>
<td>Complete e-tube</td>
<td>Complete e-tube</td>
</tr>
<tr>
<td>2450.03.R.0,XXL</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
</tr>
<tr>
<td>2480.03.R.0,XXL</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
<td>e-tube openable along inner radius</td>
</tr>
</tbody>
</table>

**Order key and colour examples**

**Examples based on series 2400/2500/2450/2480**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>2500.03.100.0</th>
<th>2400.03.100.0</th>
<th>2450.03.100.0</th>
<th>2480.03.100.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Black</td>
<td>Silver-grey</td>
<td>White</td>
<td>Grey-white</td>
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<tr>
<td>Order key</td>
<td>2</td>
<td>.31</td>
<td>.1</td>
<td>.1S</td>
</tr>
</tbody>
</table>

**Order key**

- e-chain® openable along the outer radius
- e-chain® openable along the inner radius
- Full-tube openable along the inner radius

**Order index for colour options**

- Black: 2
- Silver-grey: .31
- White: .1
- Grey-white: .1S

**Magnetically detectable plastic e-chains®**

- igumid DT: automatic detection by all common metal detection systems
- igumid HT: detect fragments passing at speeds of 20m/min

More information: [www.igus.eu/detectable-chain](http://www.igus.eu/detectable-chain)
e-chains® 1400-1500 | Product range
Small pitch, high strength

---

**e-chains® Series 1400**
- Crossbars openable along the inner radius, from both sides
- Half e-tubes, series 1450 and full e-tube series 1480 openable along the inner radius

**e-chains® Series 1500**
- Crossbars openable along the outer radius, from both sides

<table>
<thead>
<tr>
<th>Part No. e-chains® openable along inner radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Available bend radii</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400.015.R0</td>
<td>15</td>
<td>28.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1500.015.R0</td>
<td>20</td>
<td>33.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1400.020.R0</td>
<td>25</td>
<td>38.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1400.025.R0</td>
<td>38</td>
<td>51.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1400.038.R0</td>
<td>50</td>
<td>63.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1400.050.R0</td>
<td>50</td>
<td>63.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1400.068.R0</td>
<td>50</td>
<td>63.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1400.080.R0</td>
<td>50</td>
<td>63.5</td>
<td>035 038 048 075 100 125 145 180</td>
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<tr>
<td>1400.100.R0</td>
<td>50</td>
<td>63.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
<tr>
<td>1400.125.R0</td>
<td>50</td>
<td>63.5</td>
<td>035 038 048 075 100 125 145 180</td>
</tr>
</tbody>
</table>

1. *Available as ESD version from stock*

Half e-tubes, series 1450 and full e-tube series 1480 ► From page 374

Complete Part No. with required radius (R). Example: 1500.038.100.0

**Reduce assembly time - E2/000 e-chain® opener**
- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go
- For widths Bi [mm]: 33, 50, 68, 80, 100
- Part No. 908.254.1400 for series 1400/1500

More information ► www.igus.eu/E2opener

**ESD - many sizes from stock**
- Standardised product made from grounded ESD
- ESD material tested with over 10 million cycles for the toughest requirements
- Short delivery times including mounting brackets and interior separation; 24hrs, from stock

More information ► www.igus.eu/esd

---

**e-chains® 1400-1500 | Installation dimensions**

**Unsupported applications | Short travels**

**Gliding applications | For long travels from 10m to max. 75m**

\[
L_k = S/2 + K_2
\]

Moving end

\[
K_2 = \frac{1}{4} (S - 2.5 + 2\sqrt{S}) 
\]

Fixed end

Guiding through with glide bar

\[
\Delta C_L = \frac{S}{2} - (S/2 + K_2)
\]

Before using series 1400 on long travels please consult igus®.

**Notes** before using series 1400/1450/1480 on long travels please consult igus®.

For long travels, igus® recommends series 1500 openable along the outer radius.

In case of travels between 4 and 10m we recommend an e-chain® with a longer unsupported length.

**Unsupported length FL_m / FL_p [mm]**

\[
R \quad 035 \quad 038 \quad 048 \quad 075 \quad 100 \quad 125 \quad 145 \quad 180
\]

**H**

| 98 | 104 | 124 | 178 | 228 | 278 | 318 | 388 |

**D**

| 99 | 102 | 112 | 139 | 164 | 189 | 209 | 244 |

**K**

| 180 | 190 | 220 | 305 | 385 | 460 | 525 | 635 |

The required clearance height: \(H_f = H + 25\text{mm}\) (with 0.5kg/m fill weight)

Before using series 1400 on long travels please consult igus®.

More information ► www.igus.eu/1400 ► www.igus.eu/1500
Polymer pivoting | Recommended for unsupported and gliding applications
Polymer locking | Recommended for vertical hanging and standing applications

<table>
<thead>
<tr>
<th>Width index</th>
<th>Part No. full set pivoting with tiewrap plates</th>
<th>Part No. full set locking with tiewrap plates</th>
<th>A [mm]</th>
<th>B [mm]</th>
<th>Number of teeth</th>
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<tbody>
<tr>
<td>010</td>
<td>14015.34PZ</td>
<td>14015.12PZ</td>
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<td>–</td>
<td>28.5</td>
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<td>14020.34PZ</td>
<td>14020.12PZ</td>
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<td>–</td>
<td>33.5</td>
</tr>
<tr>
<td>025</td>
<td>14025.34PZ</td>
<td>14025.12PZ</td>
<td>–</td>
<td>–</td>
<td>38.5</td>
</tr>
<tr>
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<td>–</td>
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<tr>
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<td>–</td>
<td>53.5</td>
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<td>–</td>
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<td>100</td>
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<td>14100.12PZ</td>
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<td>–</td>
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</tr>
<tr>
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<td>14125.34PZ</td>
<td>14125.12PZ</td>
<td>–</td>
<td>–</td>
<td>103.5</td>
</tr>
</tbody>
</table>

*Tiewrap plate (consists of 2x2050.ZB) does not snap on but needs to be bolted down separately.

Note: Mounting brackets not to assemble at the gable end.

Polymer pivoting | Recommended for unsupported and gliding applications
Polymer locking | Recommended for vertical hanging and standing applications

<table>
<thead>
<tr>
<th>Width index</th>
<th>Part No. full set pivoting with tiewrap plates</th>
<th>Part No. full set locking with tiewrap plates</th>
<th>A [mm]</th>
<th>B [mm]</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>015. A1</td>
<td>14000.34PZ</td>
<td>14000.12PZ</td>
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<td>–</td>
<td>28.5</td>
</tr>
<tr>
<td>020. A2</td>
<td>15000.025.34PZ</td>
<td>15000.025.34PZ</td>
<td>–</td>
<td>–</td>
<td>33.5</td>
</tr>
<tr>
<td>025. A3</td>
<td>15000.038.34PZ</td>
<td>15000.038.34PZ</td>
<td>–</td>
<td>–</td>
<td>38.5</td>
</tr>
<tr>
<td>038. A4</td>
<td>15000.050.34PZ</td>
<td>15000.050.34PZ</td>
<td>–</td>
<td>–</td>
<td>43.5</td>
</tr>
<tr>
<td>050. A5</td>
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<td>15000.068.34PZ</td>
<td>–</td>
<td>–</td>
<td>53.5</td>
</tr>
<tr>
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<td>15000.080.34PZ</td>
<td>–</td>
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</tr>
<tr>
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<td>–</td>
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</tr>
<tr>
<td>100. A8</td>
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<td>15000.125.34PZ</td>
<td>–</td>
<td>–</td>
<td>93.5</td>
</tr>
</tbody>
</table>

*Tiewrap plate (consists of 2x2050.ZB) does not snap on but needs to be bolted down separately.

Note: Mounting brackets not to assemble at the gable end.

E2/000 | e-chains® 1400-1500 | Accessories

Interior separation | Increase cable service life

No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-chain® link!

Standard separator, wide base
unassembled 21.1
assembled 21.1.1

Separator, narrow top
unassembled 21.2
assembled 21.2.1

Separator, narrow
unassembled 21.3
assembled 21.3.1

Separator, asymmetrical
unassembled 21.4
assembled 21.4.1

Notch separator for notched crossbar
unassembled 21.5
assembled 21.5.1

Shelf, lockable
unassembled 2300.X
assembled 2310.X

No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-chain® link!

Standard - for any application
Separator with a wide base for maximum holding force in the e-chain®.

For even faster installation
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

For small cables
Separator with a narrow base for a large number of small cables side by side. Saves space in the e-chain®.

For side-mounted applications
Asymmetrical separator, for defined gap distance. No additional spacers required.

Locks securely in preset increments
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.

Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

Shelves

Width = X [mm]

<table>
<thead>
<tr>
<th>X [mm]</th>
<th>unassembled</th>
<th>assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td>015</td>
<td>2300.015</td>
<td>2310.015</td>
</tr>
<tr>
<td>025</td>
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<td>2310.040</td>
</tr>
<tr>
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</tr>
<tr>
<td>057</td>
<td>2300.057</td>
<td>2310.057</td>
</tr>
</tbody>
</table>

X - 6 mm

No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-chain® link!

Separator with integrated strain relief teeth
- Can be integrated into the mounting bracket or placed at any point in the e-chain®
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. 21.1.Z. More information ► From page 1326

Aluminium support tray
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through

More information ► From page 1270

E2/000 series 1400 in aircraft refuelling truck - telescopic crane with six sections
Half e-tubes | Series 1450

Full e-tubes | Series 1480

Crossbars openable along inner radius from both sides, closed along outer radius

Lids openable along inner radius from both sides, fully enclosed

Part No. half e-tubes openable along the inner radius
1450.015.R0
1450.020.R0**
1450.025.R0
1450.038.R0
1450.050.R0
1450.068.R0
1450.080.R0
1450.100.R0
1450.125.R0

Part No. full e-tubes openable along the inner radius
1450.015.R0
1450.020.R0**
1450.025.R0
1450.038.R0
1450.050.R0
1450.068.R0
1450.080.R0
1450.100.R0
1450.125.R0

Available bend radii

R Available bend radii
1450 | 1480

Bi [mm] | Ba [mm] | R [mm] | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180
15 | 28.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.48\) | \(= 0.50\)
20 | 33.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.51\) | \(= 0.51\)
25 | 38.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.54\) | \(= 0.57\)
38 | 51.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.59\) | \(= 0.61\)
50 | 63.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.66\) | \(= 0.67\)
68 | 81.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.74\) | \(= 0.77\)
80 | 93.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.80\) | \(= 0.84\)
100 | 113.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 0.90\) | \(= 0.96\)
125 | 138.5 | 035 | 038 | 048 | 075 | 100 | 125 | 145 | 180 | \(= 1.03\) | \(= 1.08\)

Notes:
- Width available upon request. Please consult igus® for delivery time.
- Radius available upon request. Please consult igus® for price and delivery time.
- For radii 035, 038, 048 the e-tube is not fully enclosed. Please consult igus®.

Complete Part No. with required radius (R).
Example: 1450.038.100.0

Reduce assembly time - E2/000 e-chain® opener
- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go
- For widths Bi [mm]: 20, 30, 38, 68, 100
- Part No. 908.254.1400 for series 1400/1500

More information: www.igus.eu/E2opener

Unsupported applications

Short travels:
- ≤18

E2/000 | e-tubes 1450-1480 | Product range
Protection against dirt and swarf

E2/000 | e-tubes 1450-1480 | Installation dimensions
Unsupported applications | Short travels

More information: www.igus.eu/1480
Polymer pivoting | Recommended for unsupported and gliding applications

Polymer locking | Recommended for vertical hanging and standing applications

### Width

<table>
<thead>
<tr>
<th>Width index</th>
<th>Part No. full set pivoting with tiewrap plates</th>
<th>Part No. full set locking with tiewrap plates</th>
<th>A [mm]</th>
<th>B [mm]</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>015.</td>
<td>14015.34PZ</td>
<td>14015.34PZ</td>
<td>12</td>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td>020.</td>
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<td>14020.34PZ</td>
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<td>13</td>
<td>35</td>
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<tr>
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<td>14025.34PZ</td>
<td>14025.34PZ</td>
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<td>14</td>
<td>38</td>
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<td>14038.12PZ</td>
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<td>24</td>
<td>51</td>
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<tr>
<td>050.</td>
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<td>14050.12PZ</td>
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<td>36</td>
<td>63</td>
</tr>
<tr>
<td>068.</td>
<td>14068.34PZ</td>
<td>14068.12PZ</td>
<td>54</td>
<td>54</td>
<td>81</td>
</tr>
<tr>
<td>080.</td>
<td>14080.34PZ</td>
<td>14080.12PZ</td>
<td>66</td>
<td>66</td>
<td>93</td>
</tr>
<tr>
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<td>113</td>
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<tr>
<td>125.</td>
<td>14125.34PZ</td>
<td>14125.12PZ</td>
<td>111</td>
<td>111</td>
<td>138</td>
</tr>
</tbody>
</table>

Note: mounting brackets not to assemble at the gable end.

### Order example

To indicate option with brackets pre-fitted with integrated strain relief tiewrap plates

- Full set
- Series

### Width

<table>
<thead>
<tr>
<th>Width index</th>
<th>Part No. full set pivoting with tiewrap plates</th>
<th>Part No. full set locking with tiewrap plates</th>
<th>A [mm]</th>
<th>B [mm]</th>
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<tbody>
<tr>
<td>015.</td>
<td>14015.34PZ</td>
<td>14015.34PZ</td>
<td>12</td>
<td>12</td>
<td>30</td>
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<td>020.</td>
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<td>14025.34PZ</td>
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<td>14</td>
<td>38</td>
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<tr>
<td>038.</td>
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<td>14038.12PZ</td>
<td>24</td>
<td>24</td>
<td>51</td>
</tr>
<tr>
<td>050.</td>
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<td>14050.12PZ</td>
<td>36</td>
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<tr>
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<td>81</td>
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<tr>
<td>080.</td>
<td>14080.34PZ</td>
<td>14080.12PZ</td>
<td>66</td>
<td>66</td>
<td>93</td>
</tr>
<tr>
<td>100.</td>
<td>14100.34PZ</td>
<td>14100.12PZ</td>
<td>86</td>
<td>86</td>
<td>113</td>
</tr>
<tr>
<td>125.</td>
<td>14125.34PZ</td>
<td>14125.12PZ</td>
<td>111</td>
<td>111</td>
<td>138</td>
</tr>
</tbody>
</table>

* Tiewrap plate (consists of 2x2050.ZB) does not snap on but needs to be bolted down separately.

### More information

- www.igus.eu/1450
- www.igus.eu/1480

### Strain relief e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options ► From page 1300

### Option: steel mounting bracket, locking, Part No. 14000.12

- Locking connections
- One part (2-piece) for all e-chain® widths
- Electrically conductive

### Strain relief e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options ► From page 1300

### 3D CAD, configurators, service life calculation and more ► www.igus.eu/E2000
No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-chain® link!

Slotted separator
Vertical separation in e-chains®. The slot allows basic vertical/ horizontal shelving arrangements.

Notch separator for notched crossbar
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.
Note: For this series notches only on fixed crossbars, not on openable crossbars/lids

Full-width shelf
This option is for applications with many small cables with similar diameters. For full width separation.

<table>
<thead>
<tr>
<th>Full-width shelves Width = X [mm]</th>
<th>X [mm]</th>
<th>unassembled</th>
<th>assembled</th>
<th>X [mm]</th>
<th>unassembled</th>
<th>assembled</th>
<th>X [mm]</th>
<th>unassembled</th>
<th>assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>015</td>
<td>110.15</td>
<td>111.15</td>
<td>008</td>
<td>110.38</td>
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<td>110.80</td>
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<tr>
<td></td>
<td>020</td>
<td>110.20</td>
<td>111.20</td>
<td>050</td>
<td>110.50</td>
<td>111.50</td>
<td>100</td>
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<td>111.100</td>
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<td>111.68</td>
<td>125</td>
<td>110.125</td>
<td>111.125</td>
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</tbody>
</table>

Aluminium support tray
● Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
● Noise-reducing glide strip integrated as standard
● Easy installation and connection of the e-chain®
● Open design - dirt and debris fall through

More information ► From page 1270
e-chains® 2400-2500

All-rounder, high strength

Part No. e-chains
crossbar 
openable along 
inner radius

Part No. e-chains
crossbar 
openable along 
outer radius

}\n
Available bend radii:

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline
Part No. & e-chains & Bi & Ba & R & Available bend radii & 2400 & 2500 \\
inner radius & Bi & Ba & R & & [mm] & [kg/m] & [kg/m] \\
\hline
2400.02. R, 0 & 25 & 41 & 0.77 & 0.77 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.03. R, 0 & 38 & 54 & 0.83 & 0.83 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.05. R, 0 & 57 & 73 & 0.91 & 0.91 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.07. R, 0 & 77 & 93 & 1.01 & 1.01 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.09. R, 0 & 89 & 105 & 1.08 & 1.08 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.10. R, 0 & 103 & 119 & 1.15 & 1.15 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.12. R, 0 & 125 & 141 & 1.22 & 1.22 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
\end{tabular}

\textbf{Available as ESD version from stock.}

Half-tubes, series 2400 and full e-tube series 2480 ➤ from page 386

Complete Part No. with required radius (R). Example: 2500.03.100.0

Reduce assembly time - E2/000 e-chain® opener

- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go
- For widths Bi (mm): 05, 07, 09
- Part No. 908.254.2400 for series 2400/2500

More information ➤ www.igus.eu/E2opener

ESD - many sizes from stock

- Standardised product made from igumid ESD
- ESD material tested with over 10 million cycles for the toughest requirements
- Short delivery times including mounting brackets and interior separation: 24 hrs, from stock

More information ➤ www.igus.eu/ESD

Before using series 2400 on long travels please consult igus®.

\textbf{Available bend radii:}

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline
Part No. & e-chains & Bi & Ba & R & Available bend radii & 2400 & 2500 \\
inner radius & Bi & Ba & R & & [mm] & [kg/m] & [kg/m] \\
\hline
2400.02. R, 0 & 25 & 41 & 0.77 & 0.77 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.03. R, 0 & 38 & 54 & 0.83 & 0.83 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.05. R, 0 & 57 & 73 & 0.91 & 0.91 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.07. R, 0 & 77 & 93 & 1.01 & 1.01 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.09. R, 0 & 89 & 105 & 1.08 & 1.08 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.10. R, 0 & 103 & 119 & 1.15 & 1.15 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
2400.12. R, 0 & 125 & 141 & 1.22 & 1.22 & 0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50 \\
\hline
\end{tabular}

\textbf{ESD - many sizes from stock:}

- Standardised product made from igumid ESD
- ESD material tested with over 10 million cycles for the toughest requirements
- Short delivery times including mounting brackets and interior separation: 24 hrs, from stock

More information ➤ www.igus.eu/ESD

Before using series 2400 on long travels please consult igus®.
Polymer pivoting

Recommended for unsupported and gliding applications

Polymer locking

Recommended for vertical hanging and standing applications

Width
Part No. full set pivoting with tiwrap plates Part No. full set locking with tiwrap plates A Number of teeth

<table>
<thead>
<tr>
<th>Width index</th>
<th>Part No. full set pivoting with tiwrap plates</th>
<th>Part No. full set locking with tiwrap plates</th>
<th>A</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>02.</td>
<td>2020.34P2B+</td>
<td>2020.34P2B</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>03.</td>
<td>2020.34P2B</td>
<td>2020.12PZB+</td>
<td>25</td>
<td>4</td>
</tr>
<tr>
<td>05.</td>
<td>2020.34P2B</td>
<td>2020.12PZB</td>
<td>44</td>
<td>6</td>
</tr>
<tr>
<td>07.</td>
<td>2020.34P2B</td>
<td>2020.12PZB</td>
<td>64</td>
<td>8</td>
</tr>
<tr>
<td>09.</td>
<td>2020.34P2B</td>
<td>2020.12PZB</td>
<td>77</td>
<td>9</td>
</tr>
<tr>
<td>10.</td>
<td>2100.34P2B</td>
<td>2100.12PZB</td>
<td>90</td>
<td>10</td>
</tr>
<tr>
<td>12.</td>
<td>2125.34P2B</td>
<td>2125.12PZB</td>
<td>112</td>
<td>12</td>
</tr>
</tbody>
</table>

Full set with tiwrap plate + 10 cable tiwreaps, please add index K1. Example: 2020.34P2BK1+

KMA pivoting

KMA locking

Recommended for unsupported and gliding applications

Recommended for vertical hanging and standing applications

Width
Part No. full set KMA pivoting with tiwrap plates Part No. full set KMA locking with tiwrap plates A B Number of teeth

<table>
<thead>
<tr>
<th>Width index</th>
<th>Part No. full set KMA pivoting with tiwrap plates</th>
<th>Part No. full set KMA locking with tiwrap plates</th>
<th>A</th>
<th>B</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>02.</td>
<td>24001.02.12ZB</td>
<td>2401.02.12</td>
<td>36</td>
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<tr>
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<td>2401.09.12</td>
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<td>108</td>
<td>9</td>
</tr>
<tr>
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<td>2401.10.12</td>
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<td>122</td>
<td>10</td>
</tr>
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<td>24001.12.12ZB</td>
<td>2401.12.12</td>
<td>136</td>
<td>144</td>
<td>12</td>
</tr>
</tbody>
</table>

Option: steel mounting bracket, pivoting. For e-chains® and e-tubes, Part No. 2000.32

● Pivoting connections
● One part (2-piece) for all e-chain® widths
● Electrically conductive

The bracket orientations are set automatically when using an igus® KMA mounting bracket. To receive KMA pre-fitted please add index .A

Order example

Example: 2020.34P2B+ A1

Order example to indicate option with brackets pre-fitted with integrated strain relief tiwrap plates

Order example to indicate option with brackets pre-fitted

Option: steel mounting bracket, pivoting. For e-chains® and e-tubes, Part No. 2000.32

● Pivoting connections
● One part (2-piece) for all e-chain® widths
● Electrically conductive


3D CAD, configurators, service life calculation and more ▶ www.igus.eu/E2000

382
### Interior separation | Increase cable service life

As standard separators are fitted every 2nd e-chains® link!

#### Standard - for any application
Separator with a wide base for maximum holding force in the e-chains®.

#### For even faster installation
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

#### For small cables
Separator with a narrow base for a large number of small cables side by side. Saves space in the e-chains®.

#### For side-mounted applications
Asymmetrical separator, for defined gap distance. No additional spacers required.

#### Locks securely in preset increments
Notch separator for exact positioning in e-chains®. Required for side-mounted applications. Note: For this series notches only on fixed crossbars, not on movable crossbars.

### Shelf, lockable
Unassembled 2300.X assembled 2310.X

---

### Interior separation for e-chains® with extender crossbars

#### Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

#### Separator with integrated strain relief teeth
- Can be integrated into the mounting bracket or placed at any point in the e-chains®
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

#### Aluminium support tray
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chains®
- Open design - dirt and debris fall through

---

### Table of available sizes

<table>
<thead>
<tr>
<th>Part No. e-chains® extender crossbars</th>
<th>Part No. e-chains® extender crossbars</th>
<th>Bi</th>
<th>Ba</th>
<th>R Available bend radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>2400.05 D36 .R0</td>
<td>2500.05 D36 .R0</td>
<td>57</td>
<td>73</td>
<td>055*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>057</td>
<td>100</td>
<td>055*</td>
</tr>
<tr>
<td></td>
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<td>075</td>
<td>125</td>
<td>055*</td>
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<tr>
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<td>075</td>
<td>150</td>
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<td>250</td>
</tr>
<tr>
<td></td>
<td></td>
<td>225</td>
<td>250</td>
<td>250</td>
</tr>
</tbody>
</table>

* Radius 055 only possible with e-chains® series 2500, openable along outer radius!

Complete Part No. with required radius (R). Example: 2500.05D36,100.0

---

### Further accessories

#### e-chains® with extender crossbars
- Product Range
- Suitable for hoses with a maximum outer diameter of 36mm.  
- Large increase of the interior space for the smooth guiding of large hoses.

---

### Extended information

- www.igus.eu/E2000
- 3D CAD, configurators, service life calculation and more
**Half e-tubes**

Series 2450

Crossbars openable along inner radius from both sides, closed along outer radius

**Full e-tubes**

Series 2480

Lids openable along inner radius from both sides, fully enclosed

---

### Available Bend Radii

**Bi**
- **2450.02.R.0**: 25 mm
- **2450.03.R.0**: 38 mm
- **2450.05.R.0**: 57 mm
- **2450.07.R.0**: 77 mm
- **2450.09.R.0**: 89 mm
- **2450.10.R.0**: 103 mm
- **2450.12.R.0**: 125 mm

**Ba**
- 41 mm
- 54 mm
- 73 mm
- 93 mm
- 105 mm
- 119 mm
- 141 mm

**R**
- 055
- 075
- 100
- 125
- 150
- 175
- 200
- 225
- 250

<table>
<thead>
<tr>
<th>Bi</th>
<th>Ba</th>
<th>R</th>
<th>2450</th>
<th>2480</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>41</td>
<td>55</td>
<td>0.80</td>
<td>0.82</td>
</tr>
<tr>
<td>38</td>
<td>54</td>
<td>075</td>
<td>0.88</td>
<td>0.92</td>
</tr>
<tr>
<td>57</td>
<td>73</td>
<td>100</td>
<td>0.92</td>
<td>1.03</td>
</tr>
<tr>
<td>77</td>
<td>93</td>
<td>125</td>
<td>1.12</td>
<td>1.17</td>
</tr>
<tr>
<td>89</td>
<td>105</td>
<td>150</td>
<td>1.20</td>
<td>1.26</td>
</tr>
<tr>
<td>103</td>
<td>119</td>
<td>175</td>
<td>1.27</td>
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<tr>
<td>125</td>
<td>141</td>
<td>200</td>
<td>1.35</td>
<td>1.43</td>
</tr>
</tbody>
</table>

*Part No. half e-tubes openable along the inner radius:

- 2450.02.R.0
- 2450.03.R.0
- 2450.05.R.0
- 2450.07.R.0
- 2450.09.R.0
- 2450.10.R.0
- 2450.12.R.0

*Part No. full e-tubes openable along the inner radius:

- 2450.02.R.0
- 2450.03.R.0
- 2450.05.R.0
- 2450.07.R.0
- 2450.09.R.0
- 2450.10.R.0
- 2450.12.R.0

---

**Part No. with required radius (R):**

Example: 2450.03.100.0

---

**Reduce assembly time - E2/000 e-chain® opener**

- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go
- For widths Bi [mm]: 05, 07, 09
- Part No. 908.254.2400 for series 2450

More information ➤ www.igus.eu/E2opener

---

**Unsupported applications**

For a long travel, please consult igus®.
Polymer locking

Full set with tiewrap plate + 10 cable tiewraps, please add index. Example:

K1 2020.34PZB
K1 + index

Width

<table>
<thead>
<tr>
<th>A</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>25</td>
<td>4</td>
</tr>
<tr>
<td>44</td>
<td>6</td>
</tr>
<tr>
<td>64</td>
<td>8</td>
</tr>
<tr>
<td>77</td>
<td>9</td>
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<tr>
<td>90</td>
<td>10</td>
</tr>
<tr>
<td>112</td>
<td>12</td>
</tr>
</tbody>
</table>

Part No. full set with tiewrap plate without tiewrap plate

<table>
<thead>
<tr>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
</tr>
<tr>
<td>25</td>
</tr>
<tr>
<td>44</td>
</tr>
<tr>
<td>64</td>
</tr>
<tr>
<td>77</td>
</tr>
<tr>
<td>90</td>
</tr>
<tr>
<td>112</td>
</tr>
</tbody>
</table>


KMA pivoting
KMA locking

Recommended for unsupported applications
Recommended for vertical hanging and standing applications

Order example:

2020.34PZB+ .A1

Option: steel mounting bracket, pivoting. For e-chains® and e-tubes, Part No. 2000.32

Electrically conductive

Strain relief e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options ► From page 1300 More information ► www.igus.eu/2450 ► www.igus.eu/2480
No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-chain® link!

Slotted separator
Vertical separation in e-chains®. The slot allows basic vertical/horizontal shelving arrangements.

Locks securely in preset increments
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.
Note: For this series notches only on fixed crossbars, not on openable crossbars/ lids

Full-width shelf
This option is for applications with many small cables with similar diameters. For full-width separation.

Part No. half e-tubes extender crossbar openable along the inner radius

<table>
<thead>
<tr>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Available bend radii</th>
</tr>
</thead>
<tbody>
<tr>
<td>2450,05 D36 .,R,0</td>
<td>57 73</td>
<td>075 100 125 150 175 200 225 250</td>
</tr>
<tr>
<td>2450,10 D36 .,R,0</td>
<td>103 119</td>
<td>075 100 125 150 175 200 225 250</td>
</tr>
</tbody>
</table>

Complete Part No. with required radius (R). Example: 2450,05D36,100,0

Separator with integrated strain relief teeth
- Can be integrated into the mounting bracket or placed at any point in the e-chain®
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. 2020.ZR. More information ► From page 1326

Aluminium support tray
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through
More information ► From page 1270
e-chains® 2600-2700

Medium inner height, high strength

Half e-tubes, series 2650 and full e-tubes, series 2680

Part No. e-chains®

Inner radius

Openable along

Part No. e-chains®

Outer radius

Openable along

1) Available as ESD version from stock

Int. diameters of series 2600 and full e-tubes, series 2680

Complete Part No. with required radius \( R \). Example: 2700.05.100.0

Reduce assembly time - E2/000 e-chain® opener

- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go
- For widths Bi (mm): 06, 08, 10
- Part No. 908.254.2600 for series 2600/2700

More information [www.igus.eu/E2opener](http://www.igus.eu/E2opener)

ESD - many sizes from stock

- Standardised product made from igumid® ESD
- ESD material tested with over 10 million cycles for the toughest requirements
- Short delivery times including mounting brackets and interior separation; 24hrs, from stock

More information [www.igus.eu/esd](http://www.igus.eu/esd)

ESD material tested with over 10 million cycles for the toughest requirements

Standardised product made from igumid® ESD

More information [www.igus.eu/esd](http://www.igus.eu/esd)

For long travels from 10m to max. 120m

\[ L_k = \frac{S}{2} + K_2 \]

Note: before using series 2600/2650/2680 on long travels please consult igus®.

For long travels, igus® recommends series 2700 openable along the outer radius.

In case of travels between 5 and 10m we recommend an e-chain® with a longer unsupported length.

For long travels from 10m to max. 120m

 unsupported length \( R_{FLG} \) [mm] with 35 mm fill weight

The required clearance height: \( H_{R} = H + 35\text{mm} \) (with 2.0kg/m fill weight)

Before using series 2600 on long travels please consult igus®.

Note: before using series 2600/2650/2680 on long travels please consult igus®.

For long travels, igus® recommends series 2700 openable along the outer radius.

In case of travels between 5 and 10m we recommend an e-chain® with a longer unsupported length.

Before using series 2600 on long travels please consult igus®.
Polymer pivoting | Recommended for unsupported and gliding applications
Polymer locking | Recommended for vertical hanging and standing applications

**Width | Part No. full set pivoting | Part No. full set locking | A | Number of teeth**

<table>
<thead>
<tr>
<th>Width index</th>
<th>with tiawrap plate</th>
<th>without tiawrap plate</th>
<th>with tiawrap plate</th>
<th>without tiawrap plate</th>
<th>[mm]</th>
<th>[mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.</td>
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<td>2605.12PZ</td>
<td>2605.12PZ</td>
<td>2605.12PZ</td>
<td>30</td>
<td>5</td>
</tr>
<tr>
<td>06.</td>
<td>2606.34PZB</td>
<td>2606.12PZ</td>
<td>2606.12PZ</td>
<td>2606.12PZ</td>
<td>45</td>
<td>5</td>
</tr>
<tr>
<td>07.</td>
<td>2607.34PZB</td>
<td>2607.12PZ</td>
<td>2607.12PZ</td>
<td>2607.12PZ</td>
<td>55</td>
<td>7</td>
</tr>
<tr>
<td>09.</td>
<td>2609.34PZB</td>
<td>2609.12PZ</td>
<td>2609.12PZ</td>
<td>2609.12PZ</td>
<td>70</td>
<td>9</td>
</tr>
<tr>
<td>10.</td>
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<td>2610.12PZ</td>
<td>2610.12PZ</td>
<td>2610.12PZ</td>
<td>80</td>
<td>10</td>
</tr>
<tr>
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<td>2612.12PZ</td>
<td>2612.12PZ</td>
<td>2612.12PZ</td>
<td>105</td>
<td>12</td>
</tr>
<tr>
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<td>2615.12PZ</td>
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<td>2615.12PZ</td>
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<td>15</td>
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<td>17.</td>
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<td>2617.12PZ</td>
<td>2617.12PZ</td>
<td>155</td>
<td>17</td>
</tr>
</tbody>
</table>

*Full set with tiewrap plate + 10 cable tiewraps, please add index K1. Example: 2605.34PZBK1*

---

**KMA pivoting**
**KMA locking**

**Recommended for unsupported and gliding applications**
**Recommended for vertical hanging and standing applications**

**Width | Part No. full set KMA pivoting | Part No. full set KMA locking | A | B**

<table>
<thead>
<tr>
<th>Width index</th>
<th>with C-profile</th>
<th>without C-profile</th>
<th>with C-profile</th>
<th>without C-profile</th>
<th>[mm]</th>
<th>[mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.</td>
<td>2601.05.12.C</td>
<td>2601.05.12.1</td>
<td>2610.05.12.C</td>
<td>2610.05.12.1</td>
<td>58</td>
<td>69</td>
</tr>
<tr>
<td>06.</td>
<td>2601.06.12.C</td>
<td>2601.06.12.1</td>
<td>2610.06.12.C</td>
<td>2610.06.12.1</td>
<td>73</td>
<td>84</td>
</tr>
<tr>
<td>15.</td>
<td>2601.15.12.C</td>
<td>2601.15.12.1</td>
<td>2610.15.12.C</td>
<td>2610.15.12.1</td>
<td>158</td>
<td>169</td>
</tr>
</tbody>
</table>

*KMA pivoting to one end: moving end 26101...3 / fixed end 26101...4
*KMA = polymer metal mounting bracket*

---

**Order example**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2600.12</td>
<td>2605.12.C</td>
</tr>
<tr>
<td>2601.05.12.C</td>
<td>2601.05.12.1</td>
</tr>
</tbody>
</table>

*To indicate option with brackets pre-fitted*C-profile option
Full set
Width index
Series

---

**Option:** steel mounting bracket, locking. For e-chains® and e-tubes, Part No. 260.12

- Locking connections
- One part (2-piece) for all e-chain® widths
- Electrically conductive

---

**Strain relief**

- e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options. From page 1300

---

3D CAD, configurators, service life calculation and more. www.igus.eu/E2000

---

www.igus.eu/2600 | www.igus.eu/2700
Lean separators
New design allows extremely fast fitting of shelves in several layers, which significantly reduces assembly time. Enables extremely fast replacement of individual cables in a very full e-chain®.

Lean separator design - several layers of cables fitted quickly, save up to 50%* assembly time
(*Lean separator vs. standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory)

No lateral gap to side links necessary. As standard separators are fitted every 2nd e-chain® link!

Standard - for any application
Separator with a wide base for maximum holding force in the e-chain®.

For even faster installation
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

For small cables
Separator with a narrow base for a large number of small cables side by side. Saves space in the e-chain®.

For side-mounted applications
Asymmetrical separator, for defined gap distance. No additional spacers required.

Locks securely in preset increments
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.

Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

Shelves
Width = X [mm]
<table>
<thead>
<tr>
<th>X [mm]</th>
<th>unassembled</th>
<th>assembled</th>
<th>X [mm]</th>
<th>unassembled</th>
<th>assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td>050</td>
<td>3200.050</td>
<td>3210.050</td>
<td>125</td>
<td>3200.125</td>
<td>3210.125</td>
</tr>
<tr>
<td>075</td>
<td>3200.075</td>
<td>3210.075</td>
<td>150</td>
<td>3200.150</td>
<td>3210.150</td>
</tr>
<tr>
<td>100</td>
<td>3200.100</td>
<td>3210.100</td>
<td>175</td>
<td>3200.175</td>
<td>3210.175</td>
</tr>
<tr>
<td>115</td>
<td>3200.115</td>
<td>3210.115</td>
<td>200</td>
<td>3200.200</td>
<td>3210.200</td>
</tr>
</tbody>
</table>

No lateral gap to side links necessary. As standard separators are fitted every 2nd e-chain® link!

E2/000 | e-chains® 2600-2700 | Further accessories

**e-chains® with extender crossbar | Product Range**

![Diagram of e-chains with extender crossbars](image)

**e-chains® with extender crossbars - large increase of the interior space for the smooth guiding of large hoses.**

Suitable for hoses with a maximum outer diameter of 58mm.

<table>
<thead>
<tr>
<th>Part No. e-chains® extender crossbars openable along inner radius</th>
<th>Part No. e-chains® extender crossbars openable along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Available bend radii</th>
</tr>
</thead>
<tbody>
<tr>
<td>2600.07 D58 ,R,0</td>
<td>2700.07 D58 ,R,0</td>
<td>75</td>
<td>91</td>
<td>063*</td>
</tr>
<tr>
<td>2600.12 D58 ,R,0</td>
<td>2700.12 D58 ,R,0</td>
<td>125</td>
<td>141</td>
<td>063*</td>
</tr>
<tr>
<td>2600.15 D58 ,R,0</td>
<td>2700.15 D58 ,R,0</td>
<td>150</td>
<td>166</td>
<td>063*</td>
</tr>
</tbody>
</table>

*Radius 063 and 075 only possible with e-chains® series 2700, openable along outer radius*

Complete Part No. with required radius (R). Example: 2700.15D58,100,0

**Interior separation for e-chains® with extender crossbars**

**Separator e-chain® with extender crossbars**

Separators are fitted every 2nd e-chain® link!

**Horizontal separation**

Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

Complete Part No. with required radius (R). Example: 2700.15D58,100,0

**Telescopic loader - an E2/000 e-chain® guides the hydraulic hoses via the telescopic mast to the attachment**

---

**E2/000 | e-chains® 2600-2700 | Further accessories**

**Separator with integrated strain relief teeth**

- Can be integrated into the mounting bracket or placed at any point in the e-chain®
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. 262.Z. More information ➤ From page 1326

**Aluminium support tray**

- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through

More information ➤ From page 1270

---


3D CAD, configurators, service life calculation and more ➤ www.igus.eu/E2000
Radii 063, 075: the e-tube is not completely enclosed. Please consult igus®.

*Radius available upon request. Please consult igus® for price and delivery time.

Full e-tubes

Part No. full e-tubes openable along the inner radius

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Available bend radii</th>
</tr>
</thead>
<tbody>
<tr>
<td>2650.05.R.0</td>
<td>50</td>
<td>66</td>
<td>063</td>
</tr>
<tr>
<td>2650.06.R.0</td>
<td>65</td>
<td>81</td>
<td>063</td>
</tr>
<tr>
<td>2650.07.R.0</td>
<td>75</td>
<td>91</td>
<td>063</td>
</tr>
<tr>
<td>2650.09.R.0</td>
<td>90</td>
<td>106</td>
<td>063</td>
</tr>
<tr>
<td>2650.10.R.0</td>
<td>100</td>
<td>116</td>
<td>063</td>
</tr>
<tr>
<td>2650.12.R.0</td>
<td>125</td>
<td>141</td>
<td>063</td>
</tr>
<tr>
<td>2650.15.R.0</td>
<td>150</td>
<td>166</td>
<td>063</td>
</tr>
<tr>
<td>2650.17.R.0</td>
<td>175</td>
<td>194</td>
<td>063</td>
</tr>
</tbody>
</table>

the inner radius openable along R

Part No. half e-tubes

<table>
<thead>
<tr>
<th>Part No. half e-tubes openable along the inner radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>2680.06.R.0</td>
</tr>
<tr>
<td>2680.07.R.0</td>
</tr>
<tr>
<td>2680.09.R.0</td>
</tr>
<tr>
<td>2680.10.R.0</td>
</tr>
<tr>
<td>2680.12.R.0</td>
</tr>
<tr>
<td>2680.15.R.0</td>
</tr>
<tr>
<td>2680.17.R.0</td>
</tr>
</tbody>
</table>

Reduce assembly time - E2/000 e-chain® opener

- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go
- For widths Bi [mm]: 06, 07, 09, 10
- Part No. 908.254.2600 for series 2650

More information ★ www.igus.eu/E2opener

Unsupported applications | Short travels


Bi

Ba

R

H

D

K

HF = H + 35

The required clearance height: HF = H + 35 [mm] (with 2.0kg/m fill weight)


If a gliding application is required for a long travel, please consult igus®.
Polymer pivoting | Recommended for unsupported applications
Polymer locking | Recommended for vertical hanging and standing applications

<table>
<thead>
<tr>
<th>Width index</th>
<th>Part No. full set pivoting with tiewrap plates</th>
<th>Part No. full set locking with tiewrap plates</th>
<th>A</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.</td>
<td>2605.34PZB 2605.34PZB</td>
<td>2605.12PZB 2605.12PZ</td>
<td>30</td>
<td>5</td>
</tr>
<tr>
<td>06.</td>
<td>2606.34PZB 2606.34PZB</td>
<td>2606.12PZB 2606.12PZ</td>
<td>45</td>
<td>5</td>
</tr>
<tr>
<td>07.</td>
<td>2607.34PZB 2607.34PZB</td>
<td>2607.12PZB 2607.12PZ</td>
<td>55</td>
<td>7</td>
</tr>
<tr>
<td>09.</td>
<td>2609.34PZB 2609.34PZB</td>
<td>2609.12PZB 2609.12PZ</td>
<td>70</td>
<td>9</td>
</tr>
<tr>
<td>10.</td>
<td>2610.34PZB 2610.34PZB</td>
<td>2610.12PZB 2610.12PZ</td>
<td>80</td>
<td>10</td>
</tr>
<tr>
<td>12.</td>
<td>2612.34PZB 2612.34PZB</td>
<td>2612.12PZB 2612.12PZ</td>
<td>105</td>
<td>12</td>
</tr>
<tr>
<td>15.</td>
<td>2615.34PZB 2615.34PZB</td>
<td>2615.12PZB 2615.12PZ</td>
<td>130</td>
<td>15</td>
</tr>
<tr>
<td>17.</td>
<td>2617.34PZB 2617.34PZB</td>
<td>2617.12PZB 2617.12PZ</td>
<td>155</td>
<td>17</td>
</tr>
</tbody>
</table>

Full set with tiewrap plate + 10 cable tiewraps, please add index K1. Example: 2605.34PZB K1

Strain relief e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options ► From page 1300


3D CAD, configurators, service life calculation and more ► www.igus.eu/E2000
### Interior separation | Increase cable service life

As standard separators are fitted every 2nd e-chain® link!

#### Standard - for any application
Separator with a wide base for maximum holding force in the e-chain®.

#### For even faster installation
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

#### For small cables
Separator with a narrow base for a large number of small cables side by side. Saves space in the e-chain®.

#### For side-mounted applications
Asymmetrical separator, for defined gap distance. No additional spacers required.

#### Locks securely in preset increments
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.

#### Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

---

### Vertical separation

#### Lean separators
New design allows extremely fast fitting of shelves in several layers, which significantly reduces assembly time. Enables extremely fast replacement of individual cables in a very full e-chain®.

---

### Shelves

<table>
<thead>
<tr>
<th>Width X [mm]</th>
<th>Unassembled</th>
<th>Assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>3200.050</td>
<td>3210.050</td>
</tr>
<tr>
<td>75</td>
<td>3200.075</td>
<td>3210.075</td>
</tr>
<tr>
<td>100</td>
<td>3200.100</td>
<td>3210.100</td>
</tr>
<tr>
<td>115</td>
<td>3200.115</td>
<td>3210.115</td>
</tr>
</tbody>
</table>

---

[www.igus.eu/2650](http://www.igus.eu/2650) | [www.igus.eu/2680](http://www.igus.eu/2680)
---


---


---

3D CAD, configurators, service life calculation and more &gt; [www.igus.eu/E2000](http://www.igus.eu/E2000)
**e-chains® with extender crossbars only for series 2650 - large increase of the interior space for the smooth guiding of large hoses. Suitable for hoses with a maximum outer diameter of 58mm.**

<table>
<thead>
<tr>
<th>Part No. half e-tubes extender crossbars openable along the inner radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Available bend radii [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>2650.07D58,R,0</td>
<td>75</td>
<td>91</td>
<td>100 125 150 175 200 250</td>
</tr>
<tr>
<td>2650.12D58,R,0</td>
<td>125</td>
<td>141</td>
<td>100 125 150 175 200 250</td>
</tr>
<tr>
<td>2650.15D58,R,0</td>
<td>150</td>
<td>166</td>
<td>100 125 150 175 200 250</td>
</tr>
</tbody>
</table>

Complete Part No. with required radius (R). Example: 2650.15D58.100.0

---

**Standard separator, wide base**

Separator with a wide base for maximum holding force in the e-chain®. As standard separators are fitted every 2nd e-chain® link!

**Horizontal separation**

Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

---

**Aluminium support tray**

- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through

More information ► From page 1270

---

e-chains® 3400-3500 | Product range

Large inner height, high strength

Half e-tubes, series 3450 and full e-tube series 3480

Reduced inner radius

openable along

400.225.

400.200.

400.175.

400.150.

400.050.

3400

More information ● For widths

● Reduce opening times from 33 to 2 seconds

● Open a long e-chain® section in one go

● For widths Bi [mm]: 050, 075, 100, 115

● Part No. 908.254.3400 for series 3400/3500

More information ● www.igus.eu/E2opener

Glide applications | For long travels from 10m to max. 150m

\[
L_k = S/2 + K_2
\]

Moving end

\[
K_2 = H - 40\text{mm} \quad (\text{with } 2.5\text{kg/m} \text{ fill weight})
\]

Before using series 3400 on long travels please consult igus®.

For long travels, igus® recommends series 3500 openable along the outer radius.

In case of travels between 6 and 10m we recommend an e-chain® with a longer unsupported length.

Before using series 3400 on long travels please consult igus®.
Full set with tiewrap plate + 10 cable tiewraps, please add index K1.

Recommended for unsupported and gliding applications

KMA pivoting | Recommended for unsupported and gliding applications

KMA locking | Recommended for vertical hanging and standing applications

Full set with tiewrap plate + 10 cable tiewraps, please add index K1. Example: 3250.34PZK1

Possible orientations for assembled mounting brackets. To receive brackets pre-fitted please add index A1, A2, A3 or A4.

Order example

3075.34PZB.A1

A1 to indicate option with brackets pre-fitted
With integrated strain relief tiewrap plates
Full set
Series

Option: steel mounting bracket, pivoting. For e-chains® and e-tubes, Part No. 3000.12
Pivoting connections • One part (2-piece) for all e-chain® widths • Electrically conductive

Strain relief e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options From page 1300


3D CAD, configurators, service life calculation and more www.igus.eu/E2000
**Interior separation | Increase cable service life**

No lateral gap to side links necessary. As standard separators are fitted every 2nd e-chain® link!

**Standard - for any application**
Separator with a wide base for maximum holding force in the e-chain®.

**For even faster installation**
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

**For small cables**
Separator with a narrow base for a large number of small cables side by side. Saves space in the e-chain®.

**For side-mounted applications**
Asymmetrical separator, for defined gap distance. No additional spacers required.

**Locks securely in preset increments**
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.

**Horizontal separation**
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

---

**Shelves**

<table>
<thead>
<tr>
<th>Shelves</th>
<th>Width = X [mm]</th>
<th>unassembled</th>
<th>assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td>050</td>
<td>3200.050</td>
<td>3210.050</td>
<td></td>
</tr>
<tr>
<td>075</td>
<td>3200.075</td>
<td>3210.075</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>3200.100</td>
<td>3210.100</td>
<td></td>
</tr>
<tr>
<td>115</td>
<td>3200.115</td>
<td>3210.115</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>3200.125</td>
<td>3210.125</td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>3200.150</td>
<td>3210.150</td>
<td></td>
</tr>
<tr>
<td>175</td>
<td>3200.175</td>
<td>3210.175</td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>3200.200</td>
<td>3210.200</td>
<td></td>
</tr>
</tbody>
</table>

---

**Lean separators**
New design allows extremely fast fitting of shelves in several layers, which significantly reduces assembly time. Enables extremely fast replacement of individual cables in a very full e-chain®.

**Lean separator design - several layers of cables fitted quickly, save up to 50% assembly time** (*Lean separator vs. standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory*)

---

**More information**
www.igus.eu/3400 | www.igus.eu/3500
Separator with integrated strain relief teeth
- Can be integrated into the mounting bracket or placed at any point in the e-chain®
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws
Part No. 301.Z. More information ► From page 1326

Steel support tray for support of the lower run
- Simple one-piece support trays for the lower run
- To your requirements and specification
- 4 options available
More information ► From page 1264

Interior separation for e-chains® with extender crossbars

Standard separator, wide base
Separator with a wide base for maximum holding force in the e-chain®. As standard separators are fitted every 2nd e-chain® link!

Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

Strong and space-saving E2/000 e-chain® for different axes of a machine
Half e-tubes
Series 3450
Crossbars openable along inner radius from both sides, closed along outer radius
Lids openable along inner radius from both sides, fully enclosed

Full e-tubes
Series 3480
Part No. half e-tubes openable along the inner radius
3450.050.0, 075, 100: the e-tube is not completely enclosed. Please consult igus®.

Part No. full e-tubes openable along the inner radius
3480.050.0, 075: Radius available upon request. Please consult igus® for price and delivery time.


Reduce assembly time - E2/000 e-chain® opener
- Reduce opening times from 33 to 2 seconds
- Open a long e-chain® section in one go
- For widths Bi (mm): 050, 075, 100, 115
- Part No. 908.254.3400 for series 3450
More information ▶ www.igus.eu/E2opener

If a gliding application is required for a long travel, please consult igus®.
Polymer locking

Recommended for unsupported applications

Polymer pivoting

Recommended for vertical hanging and standing applications

**Width | Part No. full set pivoting with tiwewrap plate | Part No. full set locking with tiwewrap plate | A | Number of teeth**
--- | --- | --- | --- | ---
050 | 3050.34PZB | 3050.34PZ | 28 | 5
075 | 3075.34PZB | 3075.34PZ | 53 | 7
100 | 3100.34PZB | 3100.12PZB | 78 | 10
115 | 3115.34PZB | 3115.12PZB | 93 | 11
125 | 3125.34PZB | 3125.12PZB | 103 | 12
150 | 3150.34PZB | 3150.12PZB | 128 | 15
175 | 3175.34PZB | 3175.12PZB | 153 | 17
200 | 3200.34PZB | 3200.12PZB | 178 | 20
225 | 3225.34PZB | 3225.12PZB | 203 | 22
250 | 3250.34PZB | 3250.12PZB | 228 | 25

Full set with tiwewrap plate + 10 cable tiwewraps, please add index A1. Example: 3250.34PZBk1

### Moving end

3 ... 3PZ(B) / 3 ... 1PZ(B)

### Fixed end

3 ... 4PZ(B) / 2 ... 2PZ(B)

---

**KMA pivoting**

Recommended for unsupported applications

**KMA locking**

Recommended for vertical hanging and standing applications

**Width | Part No. full set KMA pivoting with C-profile | Part No. full set KMA locking with C-profile | A | B**
--- | --- | --- | --- | ---
050 | 3450 / 34510 | 3450 / 34510 | 63 | 74
075 | 3450 / 34500 | 3450 / 34510 | 88 | 99
100 | 3450 / 34500 | 3450 / 34510 | 113 | 124
115 | 3450 / 34500 | 3450 / 34510 | 128 | 139
125 | 3450 / 34500 | 3450 / 34510 | 138 | 149
150 | 3450 / 34500 | 3450 / 34510 | 163 | 174
175 | 3450 / 34500 | 3450 / 34510 | 188 | 199
200 | 3450 / 34500 | 3450 / 34510 | 213 | 224
225 | 3450 / 34500 | 3450 / 34510 | 238 | 249
250 | 3450 / 34500 | 3450 / 34510 | 263 | 274

---

1) KMA pivoting Part No. 34500 for half e-tube series 3450 / KMA pivoting Part No. 34800 for full e-tube series 3480

2) KMA locking Part No. 34510 for half e-tube series 3450 / KMA locking Part No. 34810 for full e-tube series 3480

(KMA = polymer metal mounting bracket)

---

**Order example**

A1

To indicate option with brackets pre-fitted with integrated strain relief tiewrap plates

Full set series

---

**Options**

- Steel mounting bracket, pivoting, For e-chains® and e-tubes, Part No. 3000.12
- Pivoting connections, One part (2-piece) for all e-chain® widths
- Electrically conductive

---

**Strain relief**

- e.g. clamps, tiwewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options ➤ From page 1300

---


---

3D CAD, configurators, service life calculation and more ➤ www.igus.eu/E2000
E2/000 | e-tubes 3450-3480 | Accessories

Interior separation | Increase cable service life

Previous generation of interior separation with other options ► www.igus.eu/3450 ► www.igus.eu/3480

No lateral gap to side links necessary. As standard separators are fitted every 2nd e-chain® link!

**Standard - for any application**
Separator with a wide base for maximum holding force in the e-chain®.

**For even faster installation**
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

**For small cables**
Separator with a narrow base for a large number of small cables side by side. Saves space in the e-chain®.

**For side-mounted applications**
Asymmetrical separator, for defined gap distance. No additional spacers required.

**Locks securely in preset increments**
Notch separator for exact positioning in e-chains®. Recommended for side-mounted applications.

**Horizontal separation**
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

---

**Shelves**

<table>
<thead>
<tr>
<th>Width X [mm]</th>
<th>Unassembled</th>
<th>Assembled</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>3200.050</td>
<td>3210.050</td>
</tr>
<tr>
<td>75</td>
<td>3200.075</td>
<td>3210.075</td>
</tr>
<tr>
<td>100</td>
<td>3200.100</td>
<td>3210.100</td>
</tr>
<tr>
<td>115</td>
<td>3200.115</td>
<td>3210.115</td>
</tr>
</tbody>
</table>

---

**Lean separators**
New design allows extremely fast fitting of shelves in several layers, which significantly reduces assembly time. Enables extremely fast replacement of individual cables in a very full e-chain®.

Lean separator design - several layers of cables fitted quickly, save up to 50%* assembly time
("Lean separator vs. standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory")

---


3D CAD, configurators, service life calculation and more ► www.igus.eu/E2000
E2/000 | e-tubes 3450 | Further accessories

e-chains® with extender crossbar | Product Range

---

**e-chains® with extender crossbars only for series 3450 - large increase of the interior space for the smooth guiding of large hoses. Suitable for hoses with a maximum outer diameter of 80mm.**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Bi</th>
<th>Ba</th>
<th>R (Available bend radii)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3450.100D80,R,0</td>
<td>100</td>
<td>120</td>
<td>125, 150, 200, 250, 300</td>
</tr>
<tr>
<td>3450.200D80,R,0</td>
<td>200</td>
<td>220</td>
<td>125, 150, 200, 250, 300</td>
</tr>
</tbody>
</table>

**Interior separation for e-chains® with extender crossbars**

**Separator e-chain® with extender crossbars**

- Unassembled: 45/85.1
- Assembled: 45/85.1.1

**Horizontal separation**

- Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

---

**Standard separator, wide base**

Separator with a wide base for maximum holding force in the e-chain®. As standard separators are fitted every 2nd e-chain® link!

---

**Steel support tray for support of the lower run**

- Simple one-piece support trays for the lower run
- To your requirements and specification
- 4 options available

More information ► From page 1264

---

**Separator with integrated strain relief teeth**

- Can be integrated into the mounting bracket or placed at any point in the e-chain®
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. 34501.Z. More information ► From page 1326

---

**E2/000 - robust energy supply even with constant air draught and the resulting pendulum movements in this 160m lift for the Post Tower, Bonn**

---


3D CAD, configurators, service life calculation and more ► www.igus.eu/E2000
**E2 medium | e-chains® 255 | Product range**

Small pitch, smooth running

---

**e-chains® | Series 255 | Crossbars openable along the outer radius, from one side**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R [mm]</th>
<th>Available bend radii</th>
<th>255</th>
</tr>
</thead>
<tbody>
<tr>
<td>255.03.R0</td>
<td>38</td>
<td>54</td>
<td>055</td>
<td>100 125 150 175 200 225 250</td>
<td>0.81</td>
</tr>
<tr>
<td>255.05.R0</td>
<td>57</td>
<td>73</td>
<td>055</td>
<td>100 125 150 175 200 225 250</td>
<td>0.90</td>
</tr>
<tr>
<td>255.07.R0</td>
<td>77</td>
<td>93</td>
<td>055</td>
<td>100 125 150 175 200 225 250</td>
<td>1.01</td>
</tr>
<tr>
<td>255.10.R0</td>
<td>103</td>
<td>119</td>
<td>055</td>
<td>100 125 150 175 200 225 250</td>
<td>1.15</td>
</tr>
</tbody>
</table>

Complete Part No. with required radius (R). Example: 255.10.200.0

---

<table>
<thead>
<tr>
<th>Aluminium support tray</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width</td>
</tr>
<tr>
<td>- Noise-reducing glide strip integrated as standard</td>
</tr>
<tr>
<td>- Easy installation and connection of the e-chain®</td>
</tr>
<tr>
<td>- Open design - dirt and debris fall through</td>
</tr>
</tbody>
</table>

More information ► From page 1270

---

**e-chains® 255 | Installation dimensions**

Unsupported applications | Short travels

---

**Gliding applications | For long travels from 10m to max. 100m**

- 

---

**Aluminium support tray**

- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing glide strip integrated as standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through

More information ► From page 1270

---

**3D CAD, configurators, service life calculation and more ► www.igus.eu/E2000**

---

**More information ► www.igus.eu/255**
E2 medium | e-chains® 255 | Accessories
Mounting brackets, polymer | Pivoting | Locking

Polymer pivoting | Recommended for unsupported and gliding applications
Polymer locking | Recommended for vertical hanging and standing applications

<table>
<thead>
<tr>
<th>Width</th>
<th>Part No. full set pivoting</th>
<th>Part No. full set locking</th>
<th>A</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>with tiewrap plates</td>
<td>without tiewrap plate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03.</td>
<td>2030.34PZ1B</td>
<td>2030.34PZ1</td>
<td>25</td>
<td>4</td>
</tr>
<tr>
<td>05.</td>
<td>2050.34PZ1B</td>
<td>2050.34PZ1</td>
<td>44</td>
<td>6</td>
</tr>
<tr>
<td>07.</td>
<td>2070.34PZ1B</td>
<td>2070.34PZ1</td>
<td>64</td>
<td>8</td>
</tr>
<tr>
<td>10.</td>
<td>2100.34PZ1B</td>
<td>2100.34PZ1</td>
<td>90</td>
<td>10</td>
</tr>
</tbody>
</table>

Full set with tiewrap plate + 10 cable tiewraps, please add index K1. Example: 2030.34PZ1B K1

E2 medium | e-chains® 255 | Accessories
Interior separation | Option 1 | Option 2

Option 1 | Full-width shelves
Slotted separator for full-width shelves
Vertical separation in e-chains®. The slot allows basic vertical/horizontal shelving arrangements.

Option 2 | Partial shelves
Slotted separator for partial shelves
Vertical separation in e-chains®. The slot allows basic vertical/horizontal shelving arrangements.

Strain relief e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with ordering options ➤ From page 1300

More information ➤ www.igus.eu/255

3D CAD, configurators, service life calculation and more ➤ www.igus.eu/E2000