**Easy chain®** | Introduction | Advantages

**Easy to fill and cost-effective - easy chain®**

easy chains® are available with exterior (version E) press fit access, as well as interior (version Z) access. The assembly time reductions are a primary reason to choose easy chains®. Their material, igumid NB, presents more application opportunities with: Optimal elasticity, UL94-V2 classification and excellent cleanroom qualities. Their one-piece design keeps the easy chain® very cost-effective.

Typical industries and applications:
- General machinery
- Cleanroom applications
- Electronic apparatus
- Office equipment
- Vending machines
- Packaging machines
- Machine tools

IPA Qualification Certificate - Report IG 0308-295:
ISO Class 2, according to DIN EN ISO 14644-1 for easy chain®, Series E14.3.038 at v = 1.0 m/s

**Certification:**
UL94-V2 classification

**Flexible:**
Torsional motions possible

**Keep order:**
Interior separation possible with moulded in chamber systems (some types)

**Cost-effective:**
Low-price with one-piece design

**Cleanroom:**
Suitable for cleanroom applications

**Universal:**
Mounting bracket with strain relief option

**Save time:**
Simply press cables in without opening and closing crossbars

**Flexible:**
Easy to lengthen and shorten at any point

**IPA Qualification Certificate - Report IG 0308-295:**
ISO Class 2, according to DIN EN ISO 14644-1 for easy chain®, Series E14.3.038 at v = 1.0 m/s

*With easy chain® rotatory and torsional motions are possible*

*Electrically conductive - ESD/ATEX versions upon request*

Typical industries and applications:
- General machinery
- Cleanroom applications
- Electronic apparatus
- Office equipment
- Vending machines
- Packaging machines
- Machine tools

ipa test lab: v = 1.0 m/s unsupported, Series E06.10.038.0

**Introduction Advantages**

**Keep order:**
Interior separation possible with moulded in chamber systems (some types)

**Cost-effective:**
Low-price with one-piece design

**Cleanroom:**
Suitable for cleanroom applications

**Flexible:**
Torsional motions possible

**Certification:**
UL94-V2 classification

**Flexible:**
Easy to lengthen and shorten at any point

**Save time:**
Simply press cables in without opening and closing crossbars

**Universal:**
Mounting bracket with strain relief option

**Discover the advantages** | www.igus.eu/best/easychain
**easy chain® | Technical Data | Overview**

**Technical Data**

Gilding speed / acceleration (maximum) max. 3 [m/s] / max. 10 [m/s²]

Speed / acceleration FLg max. max. 20 [m/s] / max. 200 [m/s²]

Flux / acceleration FLg max. max. 3 [m/s] / max. 6 [m/s²]

* e-chain® material - permitted temperature °C, igumid NB -40° up to +80° C

Mounting bracket* material - permitted temperature °C, igumid G -40° up to +120° C

Flammability class: igumid NB = VDE 0304 IIC UL94-V2 / igumid G = VDE 0304 IIC UL94-HB

*FLg = with straight upper run, FLB = with permitted sag

**Installation methods overview, maximum travels**

<table>
<thead>
<tr>
<th>Series / Type</th>
<th>Unsupported application</th>
<th>Vertical hanging</th>
<th>Vertical standing</th>
<th>Side mounted unsupported</th>
<th>Rotary application</th>
<th>Zig-zag application</th>
</tr>
</thead>
<tbody>
<tr>
<td>E200</td>
<td>≤ 0,40 m</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
</tr>
<tr>
<td>E200</td>
<td>≤ 0,55 m</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
<td>with rework</td>
<td>upon request</td>
</tr>
<tr>
<td>E200/200</td>
<td>≤ 0,40 m / ≤ 10 m</td>
<td>≤ 1,5 m</td>
<td>≤ 0,5 m</td>
<td>≤ 1,5 m</td>
<td>≤ 0,5 m</td>
<td>with rework</td>
</tr>
<tr>
<td>E14/200</td>
<td>≤ 0,65 m</td>
<td>upon request</td>
<td>upon request</td>
<td>upon request</td>
<td>with rework</td>
<td>upon request</td>
</tr>
<tr>
<td>E200/200</td>
<td>≤ 1,75 m</td>
<td>≤ 10 m</td>
<td>≤ 1,5 m</td>
<td>≤ 0,5 m</td>
<td>≤ 1,5 m</td>
<td>with rework</td>
</tr>
<tr>
<td>E16/200</td>
<td>≤ 2,00 m</td>
<td>≤ 10 m</td>
<td>≤ 1,5 m</td>
<td>≤ 0,5 m</td>
<td>≤ 1,5 m</td>
<td>with rework</td>
</tr>
<tr>
<td>E26/200</td>
<td>≤ 2,00 m</td>
<td>≤ 10 m</td>
<td>≤ 1,5 m</td>
<td>≤ 0,5 m</td>
<td>≤ 1,5 m</td>
<td>with rework</td>
</tr>
<tr>
<td>E300/200</td>
<td>≤ 2,25 m</td>
<td>≤ 10 m</td>
<td>≤ 1,5 m</td>
<td>≤ 0,5 m</td>
<td>≤ 1,5 m</td>
<td>with rework</td>
</tr>
</tbody>
</table>

**Order example | Order key and colour options based on Series E200**

**Order example for complete e-chain® (1,0 m), colour black, with mounting brackets:**

e-chain® (1,0 m) Please indicate e-chain® length or number of links: 1,0 m or 22 links E200.05.100.0

+ Mounting brackets 1 set (+ tie-wrap plates) 2050.34PZB

Order text: 1,0 m E200.05.100.0 + 2050.34PZB

**General igus® colour options for e-chains® and e-tubes**

<table>
<thead>
<tr>
<th>Colours</th>
<th>Order index</th>
<th>Colours</th>
<th>Order index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>0</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Slate grey</td>
<td>0.25</td>
<td>Grey yellow</td>
<td>0.25</td>
</tr>
<tr>
<td>Orange</td>
<td>0.3</td>
<td>Light grey</td>
<td>0.4</td>
</tr>
<tr>
<td>Dusty grey</td>
<td>0.31</td>
<td>Yellow</td>
<td>0.4</td>
</tr>
</tbody>
</table>

Black e-chains® available from stock! Delivery time for special colours: upon request

**igus® GmbH Germany | Phone +49 2203 9649-800 Fax -222 | info@igus.de | www.igus.eu**
**Series E03 | Split crossbar along the outer radius**

<table>
<thead>
<tr>
<th>Split crossbar along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R [mm]</th>
<th>R Bending radii</th>
<th>Weight [kg/m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E03.05. R0(4)</td>
<td>5</td>
<td>8.7</td>
<td>010</td>
<td>012 015 018 028</td>
<td>0.03</td>
</tr>
<tr>
<td>E03.07. R0(4)</td>
<td>7</td>
<td>10.7</td>
<td>010</td>
<td>012 015 018 028</td>
<td>0.04</td>
</tr>
<tr>
<td>E03.10. R0(4)</td>
<td>10</td>
<td>13.7</td>
<td>010</td>
<td>012 015 018 028</td>
<td>0.05</td>
</tr>
</tbody>
</table>

1) Crossbars do not overlap. Gap = 1 mm 2) Crossbars do not overlap. Gap = 2 mm

Supplement Part No. with required radius (R). Example: **E03.05.028.0**

**Dimensions**

- **Bi**: pin dimension approx. 0.1 - 0.3 mm wider.
- **A2…must be indicated**
- **A4…must be indicated**

**Additional Features**

- **Adapter plate for rapid installation**: for all sizes of Part No. 03.10.QF
- The adapter has broken edges so that it can be adapted to the respective e-chain® width. It is not absolutely necessary when attaching the mounting brackets. The mounting brackets can also be screwed on without the adapter plate.

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**Easy chain® Series E03 | Product range**

**Easy chain® Series E03 | Accessories**

**Mounting brackets, polymer one-piece | pivoting**

**Width**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dim. A [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.05.12Z</td>
<td>8.7</td>
</tr>
<tr>
<td>03.07.12Z</td>
<td>10.7</td>
</tr>
<tr>
<td>03.10.12Z</td>
<td>13.7</td>
</tr>
</tbody>
</table>

**Dimensions**

- **FLG**: Unsupported length R = H + 10 mm (with 0.1 kg/m fill weight)
- **FLB**: Length of travel S/2 + K

---

**Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB**

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**Supplement Part No. with required radius (R). Example: E03.05.028.0**

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**Easy chain® Series E03 | Configurator**

**Accessories**

**Adapter plate for rapid installation**

- **Part No. structure**
- **E03.05.12Z A2**
**Series E04 | Split crossbar along the outer radius**

<table>
<thead>
<tr>
<th>Split crossbar along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R [mm]</th>
<th>Weight [kg/m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E04.07.R.010</td>
<td>7.0</td>
<td>13.0</td>
<td>0.1, 0.2, 0.38, 0.48</td>
<td>0.08</td>
</tr>
</tbody>
</table>

1) Crossbars do not overlap. Gap = 2.5 mm

Special solution with opening gap 0.3 mm: Part No. E04.07.015.0.5

Supplement Part No. with required radius (R). Example: E04.07.028.0

**Dimensions**

- **Inner height**: 7 mm
- **Pitch**: 16.7 mm/link
- **Links/m**: 60 (1002 mm)
- **Chain length**: \( \frac{S}{2} + K \)

**Material mounting bracket** - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

**Part No. structure**

- **E04.07.12 PZ A1**
- **E04.07.12 PZ A2**
- **E04.07.12 PZ A3**
- **E04.07.12 PZ A4**

**Possible installation conditions for assembled mounting brackets.**

For the preassembled mode please add index A1...A4.
Series E045 | Split crossbar along the outer radius | 1 / 2 / 3-chamber system

Series Z045 | Split crossbar along the inner radius | 1 / 2-chamber system

Chamber system | Split crossbar along outer radius | Split crossbar along inner radius | Bi | Ba | R/Bending radii | Weight [kg/m]
-- | -- | -- | -- | -- | -- | --
1-chamber
E045.10/R.0 | Z045.10/R.0 | 0 | 0 | 0 | 0.09
045.10/R.0 | 045.10/R.0 | 0 | 0 | 0 | 0.09
1) Crossbars do not overlap. Gap = 2 mm

2-chamber
E045.2/7/R.0 | Z045.2/7/R.0 | 0 | 0 | 0 | 0.13
2/7/R.0 | 2/7/R.0 | 0 | 0 | 0 | 0.13
2) Crossbars do not overlap. Gap = 2.25 mm

3-chamber
E045.3/9/R.0 | Z045.3/9/R.0 | 0 | 0 | 0 | 0.17
3/9/R.0 | 3/9/R.0 | 0 | 0 | 0 | 0.17
3) Crossbars do not overlap. Gap = 2.25 mm

Supplement Part No. with required radius (R). Example: E045.16.038.0

Ba pin dimension approx. 0.1 - 0.3 mm wider.

Dimensions

Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC, UL94-HB

Mounting bracket with strain relief tiewrap plate has reductions of a 3 mm / 6 mm, 90°.

Mounting bracket without strain relief tiewrap plate only has holes of a 3 mm.

Drilling pattern for Part No.: 0450.10 - 0450.20, center bores only / 0450.30, outer bores only (see figure above)

Part No. structure

0450.10, 12 PZ A2 A... must be indicated on preassembled configurations

With strain relief tiewrap plates

Full set

Mounting bracket for selected width index

Moving end

Fixed end

0450...1(PZ)
0450...2(PZ)
0450...3(PZ)

E045.10.
R.01)
E045.16.
R.0
E045.2/7.
R.02)
E045.2/9.
R.02)
E045.3/9.
R.03)

Moving end 0450...1(PZ)
Fixed end 0450...2(PZ)

30°

Part No. full set

Part No. full set

with tiewrap plates

without tiewrap plates

Dim. A [mm]

Dim. B [mm]

Dim. C [mm]

Number of teeth

10.

16.

22.

22.

26.

22.

22.

22.

3)

9,4

9,4

9,4

9,4

9,4

9,4

9,4

9,4

Width index

Material 018 028 038

Material D K

Material H

Length of travel S/2 + K

Unsought length FLG / FLB (m)

Chain length S/2 + K

Links/m

Pitch 13 mm/link

Chain length S/2 + K

Moving end

Fixed end

The required clearance height: Hg = H + 10 mm (with 0.1 kg/m fill weight)
**Series E06 | Split crossbar along the outer radius**

<table>
<thead>
<tr>
<th>Split crossbar along outer radius</th>
<th>Split crossbar along inner radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Bending radii [mm]</th>
<th>Weight [kg/m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E06.10.R0 1)</td>
<td>E06.10.R0 1)</td>
<td>10</td>
<td>16,5</td>
<td>1</td>
<td>0,14</td>
</tr>
<tr>
<td>E06.16.R0 1)</td>
<td>E06.16.R0 1)</td>
<td>16</td>
<td>22,5</td>
<td>1</td>
<td>0,16</td>
</tr>
<tr>
<td>E06.20.R0 1)</td>
<td>E06.20.R0 1)</td>
<td>20</td>
<td>26,5</td>
<td>1</td>
<td>0,18</td>
</tr>
</tbody>
</table>

1) Crossbars do not overlap. Gap = 5,5 mm

Special solution with opening gap 3,5 mm: Part No. E06.10.028.0.53

Supplement Part No. with required radius (R). Example: E06.10.028.0  

**Ba** pin dimension approx. 0.2 - 0.4 mm wider.

---

**Dimensions**

**Unsupported length:** FLg / FLb [m]  

**Length of travel:** 5 [mm]

**R** 018 028 038

| H | 51 | 71 | 91 |
| D | 56 | 66 | 76 |
| K | 100| 130| 160|

The required clearance height: \( H_b = H + 0.10 \) mm (with 0.2 kg/m fill weight)
**Series E065** | Split crossbar along the outer radius  | 1 / 2 / 3 / 4-chamber system
---|---
**Series Z065** | Split crossbar along the inner radius  | 3-chamber system

**Chamber system**
- **Split crossbar along outer radius**
- **Split crossbar along inner radius**

<table>
<thead>
<tr>
<th>Bi</th>
<th>Ba</th>
<th>R</th>
<th>Weight (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1-chamber</strong></td>
<td><strong>E065.16.R.0</strong></td>
<td>Z065.16.R.0<strong>x</strong></td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>1) Crossbars do not overlap. Gap = 2.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*If width available upon request, please consult igus® for delivery time</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-chamber</strong></td>
<td><strong>E065.2/9.R.0</strong></td>
<td>Z065.2/9.R.0<strong>x</strong></td>
<td>9/9</td>
</tr>
<tr>
<td></td>
<td>1) Crossbars do not overlap. Gap = 2.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*If width available upon request, please consult igus® for delivery time</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3-chamber</strong></td>
<td><strong>E065.3/9.R.0</strong></td>
<td>Z065.3/9.R.0<strong>x</strong></td>
<td>9/9/9</td>
</tr>
<tr>
<td></td>
<td>1) Crossbars do not overlap. Gap = 2.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*If width available upon request, please consult igus® for delivery time</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4-chamber</strong></td>
<td><strong>E065.4/9.R.0</strong></td>
<td>Z065.4/9.R.0<strong>x</strong></td>
<td>9/9/9/9</td>
</tr>
<tr>
<td></td>
<td>1) Crossbars do not overlap. Gap = 2.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*If width available upon request, please consult igus® for delivery time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Supplement Part No. with required radius (R). Example: E065.16.038.0**

**Ba** pin dimension approx. 0.2 - 0.4 mm wider

**Dimensions**

**Material mounting bracket - Igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB**

Drilling pattern for Part No. **0650.16 - 0650.9/2**. Center bores only

For the preassembled mode please add index A1...A4.

Possible installation conditions for assembled mounting brackets.

For the preassembled mode please add index A1...A4.

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**Easy chain® Series E065·Z065 | Product range**

**Very small pitch, smooth running, simply press cables in**

**Easy chain® Series E065·Z065 | Accessories**

**Moving end**

0650...1(PZ) 0650...2(PZ)

3,2° 5,8°

\(2232\) 22,5 27 37

47 37 37 47

**Fixed end**

0650...2(PZ)

22 58 67 125

**Moving end**

0650...1(PZ)

11,3 11,3 11,3 11,3

**Fixed end**

0650...2(PZ)

11,3 11,3 11,3 11,3

**Dimensions**

**R** | **018** | **028** | **038** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>H</strong></td>
<td>51</td>
<td>71</td>
<td>91</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>48</td>
<td>58</td>
<td>68</td>
</tr>
<tr>
<td><strong>K</strong></td>
<td>90</td>
<td>120</td>
<td>150</td>
</tr>
</tbody>
</table>

The required clearance height: \(H_p = H + 0.10\) mm (with 0.2 kg/m fill weight)

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**3D-CAD files, configurators, PDF** | www.igus.eu/E065 | www.igus.eu/Z065

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**igus® GmbH Germany | Phone +49 2203 9649-800 Fax -222 | info@igus.de | www.igus.eu**
Series E08 | Split crossbar along the outer radius
Series Z08 | Split crossbar along the inner radius

<table>
<thead>
<tr>
<th>Split crossbar along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Bending radius [mm]</th>
<th>Weight (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E08.10.R0</td>
<td>20</td>
<td>10</td>
<td>18,2</td>
<td>0.21</td>
</tr>
<tr>
<td>E08.16.R0</td>
<td>20</td>
<td>16</td>
<td>24,2</td>
<td>0.24</td>
</tr>
<tr>
<td>E08.20.R0</td>
<td>20</td>
<td>20</td>
<td>28,2</td>
<td>0.25</td>
</tr>
<tr>
<td>E08.30.R0</td>
<td>20</td>
<td>30</td>
<td>38,2</td>
<td>0.28</td>
</tr>
<tr>
<td>E08.40.R0</td>
<td>20</td>
<td>40</td>
<td>48,2</td>
<td>0.31</td>
</tr>
<tr>
<td>E08.50.R0</td>
<td>20</td>
<td>50</td>
<td>58,2</td>
<td>0.37</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Split crossbar along inner radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Bending radius [mm]</th>
<th>Weight (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z08.10.R0</td>
<td>10</td>
<td>20</td>
<td>18,2</td>
<td>0.21</td>
</tr>
<tr>
<td>Z08.16.R0</td>
<td>10</td>
<td>16</td>
<td>24,2</td>
<td>0.24</td>
</tr>
<tr>
<td>Z08.20.R0</td>
<td>10</td>
<td>20</td>
<td>28,2</td>
<td>0.25</td>
</tr>
<tr>
<td>Z08.30.R0</td>
<td>10</td>
<td>30</td>
<td>38,2</td>
<td>0.28</td>
</tr>
<tr>
<td>Z08.40.R0</td>
<td>10</td>
<td>40</td>
<td>48,2</td>
<td>0.31</td>
</tr>
<tr>
<td>Z08.50.R0</td>
<td>10</td>
<td>50</td>
<td>58,2</td>
<td>0.37</td>
</tr>
</tbody>
</table>

1) Crossbars do not overlap. Gap = 5.5 mm / 2) Crossbars do not overlap. Gap = 4.0 mm
Radius available upon request, please consult igus® for delivery time.

Supplement Part No. with required radius (R). Example: E08.10.028.0
Ba pin dimension approx. 0.3 - 0.5 mm wider.

**Dimensions**

- **Inner Height**
  - Version E: 14.6
  - Version Z: 14.7 mm
- **Pitch**: 20 mm/link
- **Links/m**: 50 (1000 mm)
- **Chain Length**: S/2 + K
- **Unsupported length**: L1 + L2 [m]
- **Length of trapezoid S** [m]

**Part No. full set with tiewrap plates**

<table>
<thead>
<tr>
<th>Width Index</th>
<th>Part No. full set</th>
<th>Part No. full set</th>
<th>Dim. A [mm]</th>
<th>Dim. B [mm]</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>.10.</td>
<td>080.10.12PZ</td>
<td>080.10.12</td>
<td>18.2</td>
<td>–</td>
<td>1</td>
</tr>
<tr>
<td>.16.</td>
<td>080.16.12PZ</td>
<td>080.16.12</td>
<td>24.2</td>
<td>–</td>
<td>2</td>
</tr>
<tr>
<td>.20.</td>
<td>080.20.12PZ</td>
<td>080.20.12</td>
<td>28.2</td>
<td>–</td>
<td>2</td>
</tr>
<tr>
<td>.30.</td>
<td>080.30.12PZ</td>
<td>080.30.12</td>
<td>38.2</td>
<td>–</td>
<td>3</td>
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<tr>
<td>.40.</td>
<td>080.40.12PZ</td>
<td>080.40.12</td>
<td>48.2</td>
<td>–</td>
<td>4</td>
</tr>
<tr>
<td>.50.</td>
<td>080.50.12PZ</td>
<td>080.50.12</td>
<td>58.2</td>
<td>–</td>
<td>5</td>
</tr>
</tbody>
</table>

Material mounting bracket: Spirals G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

Drilling pattern for Part No. 080.10. - 080.20. center bores only / 080.30. - 080.50. all bores (see figure above)

**Part No. Structure**

- **080.10.12PZ A2**: Possible installation conditions for assembled mounting brackets. For the preassembled mode please add index A1..A4.
- **080.30.12PZ A3**: Mounting bracket for selected width index

**3D-CAD files, configurators, PDF**

- [www.igus.eu/E08](http://www.igus.eu/E08)
- [www.igus.eu/Z08](http://www.igus.eu/Z08)

**Weight**

- **Index**
  - **H**: 50
  - **D**: 65
  - **K**: 120

**R**

- **025**: 69
- **028**: 75
- **038**: 95
- **048**: 115

The required clearance height: H = H + 15 mm (with 0.3 kg/m fill weight)

Radius available upon request, please consult igus® for delivery time.
Supplement Part No. with required radius (R). Example: E14.1.028.0

**Ba** pin dimension approx. 0.3 - 0.5 mm wider.

### Dimensions

- **FL**:
  - Unsuspended length: \( L_{ul} \) [m]
  - Length of travel: \( L \) [m]

- **H**:
  - Mounting bracket for selected width index
  - With strain relief

- **R**:
  - Number of teeth
  - Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

### Moving end

- 114...1P(Z)
- 114...2P(Z)

### Fixed end

- 114...2P(Z)

### Width Index

<table>
<thead>
<tr>
<th>Width Index</th>
<th>Part No. full set with tiewrap plates</th>
<th>Part No. full set without tiewrap plates</th>
<th>Dim. A</th>
<th>Dim. B</th>
<th>Number of teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>114.1.12PZ</td>
<td>114.1.12P</td>
<td>–</td>
<td>26.3</td>
<td>2</td>
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<td>2.</td>
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<td>114.2.12P</td>
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<td>36.3</td>
<td>3</td>
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<tr>
<td>3.</td>
<td>114.3.12PZ</td>
<td>114.3.12P</td>
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<td>49.3</td>
<td>4</td>
</tr>
<tr>
<td>4.</td>
<td>114.4.12PZ</td>
<td>114.4.12P</td>
<td>35</td>
<td>61.3</td>
<td>5</td>
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</tbody>
</table>

Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

Possible installation conditions for assembled mounting brackets. For the preassembled mode please add index A1...A4.
Series E200 | Split crossbar along the outer radius | 1 / 2-chamber system
Series Z200 | Split crossbar along the inner radius | 1 / 2-chamber system

<table>
<thead>
<tr>
<th>Chamber system</th>
<th>Split crossbar along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R Bending radii</th>
<th>Weight [kg/m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-chamber E200</td>
<td>Z200</td>
<td>57</td>
<td>74.4</td>
<td>0.05</td>
<td>0.075</td>
</tr>
<tr>
<td>2-chamber E200</td>
<td>Z200</td>
<td>37</td>
<td>37</td>
<td>94.4</td>
<td>0.075</td>
</tr>
<tr>
<td>E200</td>
<td>Z200</td>
<td>50</td>
<td>50</td>
<td>120.4</td>
<td>0.075</td>
</tr>
</tbody>
</table>

Supplement Part No. with required radius (R). Example: E200.05.150.0

Bar pin dimension approx. 0.1 - 0.3 mm wider.

Dimensions

Inner height: 24.3 mm
Pitch: 46 mm/link
Links/m: 22 (0.012 mm)
Chain length: \( \frac{S}{2} + K\)

Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

Full set with tie-wrap plates + 10 cable tie-wraps, please add index K1 for 2050.34PZB1.0.

Possible installation conditions for assembled mounting brackets. For the preassembled mode please add index A1...A4.

Part No. structure

Moving end
- 2...3PZ(B) / 2...1PZ(B)
- 2...4PZ(B) / 2...2PZ(B)

Fixed end
- 2...3PZ(B) / 2...1PZ(B)
- 2...4PZ(B) / 2...2PZ(B)

Supplement Part No. with required radius (R). Example: E200.05.150.0

Bar pin dimension approx. 0.1 - 0.3 mm wider.

Dimensions

Inner height: 24.3 mm
Pitch: 46 mm/link
Links/m: 22 (0.012 mm)
Chain length: \( \frac{S}{2} + K\)

Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

Full set with tie-wrap plates + 10 cable tie-wraps, please add index K1 for 2050.34PZB1.0.

Possible installation conditions for assembled mounting brackets. For the preassembled mode please add index A1...A4.

Part No. structure

Moving end
- 2...3PZ(B) / 2...1PZ(B)
- 2...4PZ(B) / 2...2PZ(B)

Fixed end
- 2...3PZ(B) / 2...1PZ(B)
- 2...4PZ(B) / 2...2PZ(B)

Supplement Part No. with required radius (R). Example: E200.05.150.0

Bar pin dimension approx. 0.1 - 0.3 mm wider.

Dimensions

Inner height: 24.3 mm
Pitch: 46 mm/link
Links/m: 22 (0.012 mm)
Chain length: \( \frac{S}{2} + K\)

Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

Full set with tie-wrap plates + 10 cable tie-wraps, please add index K1 for 2050.34PZB1.0.

Possible installation conditions for assembled mounting brackets. For the preassembled mode please add index A1...A4.

Part No. structure

Moving end
- 2...3PZ(B) / 2...1PZ(B)
- 2...4PZ(B) / 2...2PZ(B)

Fixed end
- 2...3PZ(B) / 2...1PZ(B)
- 2...4PZ(B) / 2...2PZ(B)
**Series E16 | Split crossbar along the outer radius**

**Series Z16 | Split crossbar along the inner radius**

<table>
<thead>
<tr>
<th>Bi</th>
<th>Ba</th>
<th>R</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>37,5</td>
<td>0,040</td>
<td>0,51</td>
</tr>
<tr>
<td>36</td>
<td>50,5</td>
<td>0,040</td>
<td>0,57</td>
</tr>
<tr>
<td>48</td>
<td>62,5</td>
<td>0,040</td>
<td>0,62</td>
</tr>
<tr>
<td>63</td>
<td>78,5</td>
<td>0,040</td>
<td>0,75</td>
</tr>
<tr>
<td>80</td>
<td>95,5</td>
<td>0,040</td>
<td>0,83</td>
</tr>
<tr>
<td>100</td>
<td>115,3</td>
<td>0,040</td>
<td>0,91</td>
</tr>
</tbody>
</table>

Radius available upon request, please consult igus® for delivery time.

Supplement Part No. with required radius (R). Example: E16.7.100.0

---

**Dimensions**

**Inner height:** 32 mm

**Bending radii:**
- R Ba: a: 0,75 mm
- R: 0,62

**Connections:**
- 45° to 180°
- 90° to 90°

The required clearance height: \( H_c = H + 15 \text{ mm} \) (with 0,3 kg/m fill weight)

**Part No. structure**

- A1
- A2
- A3
- A4

A... must be indicated on pressembled configurations.

Full set locking

Mounting bracket for selected width index

**Part No. full set with tiewrap plates**

<table>
<thead>
<tr>
<th>Width Index</th>
<th>Part No. full set with tiewrap plates</th>
<th>Part No. full set without tiewrap plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>117.2.12PZ</td>
<td>117.2.12P</td>
</tr>
<tr>
<td>2</td>
<td>117.3.12PZ</td>
<td>117.3.12P</td>
</tr>
<tr>
<td>3</td>
<td>117.4.12PZ</td>
<td>117.4.12P</td>
</tr>
<tr>
<td>4</td>
<td>117.5.12PZ</td>
<td>117.5.12P</td>
</tr>
<tr>
<td>5</td>
<td>117.6.12PZ</td>
<td>117.6.12P</td>
</tr>
<tr>
<td>6</td>
<td>117.7.12PZ</td>
<td>117.7.12P</td>
</tr>
</tbody>
</table>

**Material mounting bracket - igumid G, temperature: -40° up to +120° C, IEC 60344-1 UL94-HB**

**More features ► www.igus.eu/E16**
Series E26 | Split crossbar along the outer radius | 1/2/3-chamber system
Series Z26 | Split crossbar along the inner radius | 1/2/3-chamber system

<table>
<thead>
<tr>
<th>Chamber system</th>
<th>Spilt crossbar along outer radius</th>
<th>Spilt crossbar along inner radius</th>
<th>Bi</th>
<th>Ba</th>
<th>R</th>
<th>Bending radii</th>
<th>Weight (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-chamber</td>
<td>E26.07.R.0</td>
<td>Z26.07.R.0</td>
<td>75</td>
<td>92</td>
<td>063</td>
<td>075</td>
<td>100</td>
</tr>
<tr>
<td>2-chamber</td>
<td>E26.2/45.R.0</td>
<td>Z26.2/45.R.0</td>
<td>48</td>
<td>48</td>
<td>117</td>
<td>063</td>
<td>075</td>
</tr>
<tr>
<td>3-chamber</td>
<td>E26.3/45.R.0</td>
<td>Z26.3/45.R.0</td>
<td>47</td>
<td>48</td>
<td>47</td>
<td>063</td>
<td>075</td>
</tr>
</tbody>
</table>

Supplement Part No. with required radius (R). Example: E26.07.150.0

Ba: pin dimension approx. 0.3 - 0.5 mm wider.

Dimensions

Moving brackets, polymer | pivoting | locking

Moving end
26...3PZ(B) / 26...1PZ(B)

Fixed end
26...4PZ(B) / 26...2PZ(B)

Part No. full set pivoting:
- with tiewrap plates
- without tiewrap plates

Part No. full set locking:
- with tiewrap plates
- without tiewrap plates

Width Index | Part No. full set pivoting: | Part No. full set locking: | Dim. A (mm) | Number of teeth |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>07.</td>
<td>2607.34PZB</td>
<td>2607.34PZ</td>
<td>55</td>
<td>7</td>
</tr>
<tr>
<td>2/45.</td>
<td>2610.34PZB</td>
<td>2610.12PZ</td>
<td>80</td>
<td>10</td>
</tr>
<tr>
<td>3/45.</td>
<td>2615.34PZB</td>
<td>2615.12PZ</td>
<td>130</td>
<td>15</td>
</tr>
</tbody>
</table>

Material mounting bracket: igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94 HB

Possible installation conditions for assembled mounting brackets.
For the preassembled mode please add index A1...A4.

Part No. structure
2607...34PZB...A2

A...must be indicated on preassembled configurations.

Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94 HB

Full set with tiewrap plate + 10 cable tiewraps, please add index K1. e.g. 2607.34PZB1K1.

The required clearance height: \( H = H + 35 \) (mm) with 2,0 kg/m fill weight

Full set pivoting and Mounting bracket for selected width index

3D-CAD files, configurators, PDF: www.igus.eu/E26 www.igus.eu/Z26
Series E300 | Split crossbar along the outer radius | 1/2/3-chamber system
Series Z300 | Split crossbar along the inner radius | 1/2/3-chamber system

Mounting brackets, polymer | pivoting | locking

<table>
<thead>
<tr>
<th>Moving end</th>
<th>Fixed end</th>
</tr>
</thead>
<tbody>
<tr>
<td>E3..3PZ(B)</td>
<td>E3..3PZ(B)</td>
</tr>
<tr>
<td>E3..4PZ(B)</td>
<td>E3..4PZ(B)</td>
</tr>
</tbody>
</table>

Width
- Part No. full set pivoting: with tiewrap plate without tiewrap plate
- Part No. full set locking: with tiewrap plate without tiewrap plate

Dimensions
- Inner height: 48.5 mm
- Pitch: 67 mm/1ink
- Links/m: 15 (0.005 mm)
- Chain length: \( \frac{K}{2} + R \)

Possible installation conditions for assembled mounting brackets. For the preassembled mode please add index A1...A4.

Interior separation
- Optional shelving for E300.3/45 and Z300.3/45 - Full-width shelf 386.54

Shelving enables subdivision of the inner space of the e-chain® Series E300.3/45 and Z300.3/45. This option makes sense in applications with many thin cables with similar diameters. For a consequent subdivision, full-width shelves can be arranged at 7 different heights (in 7 mm increments). In standard configurations, shelves are installed in every other link.

Full-width shelf 3-chamber system
- unpreassembled 386.54
- assembled 387.54

Material mounting bracket: igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

Part No. structure
E3075.34PZB

A1...A4 must be indicated on preassembled configurations.

With strain relief tiewrap plates

Full set pivoting

Mounting bracket for selected width index

Part No. structure
E3075.34PZB A2

Dimensions
- Bi: pin dimension approx. 0.3 - 0.5 mm wider
- Ba: pin dimension approx. 0.3 - 0.5 mm wider

Supplement Part No. with required radius (R). Example: E300.075.150.0

Material mounting bracket - igumid G, temperature: -40° up to +120° C, VDE 0304 IIC UL94-HB

Full set with tiewrap plate +10 cable tiewraps, please add index R1...R4.

With strain relief tiewrap plates

Part No. full set pivoting: with tiewrap plate without tiewrap plate
Part No. full set locking: with tiewrap plate without tiewrap plate

Width
- Index

E3075.34PZB E3075.34PZ E3075.12PZB E3075.12PZ
E3100.34PZB E3100.34PZ E3100.12PZB E3100.12PZ
E3150.34PZB E3150.34PZ E3150.12PZB E3150.12PZ

- Dim A (mm) Number of teeth

<table>
<thead>
<tr>
<th>Width Index</th>
<th>E3075.34PZB</th>
<th>E3075.34PZ</th>
<th>E3075.12PZB</th>
<th>E3075.12PZ</th>
<th>E3100.34PZB</th>
<th>E3100.34PZ</th>
<th>E3100.12PZB</th>
<th>E3100.12PZ</th>
<th>E3150.34PZB</th>
<th>E3150.34PZ</th>
<th>E3150.12PZB</th>
<th>E3150.12PZ</th>
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</thead>
<tbody>
<tr>
<td>Ø75</td>
<td>53</td>
<td>7</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Ø125</td>
<td>78</td>
<td>15</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The required clearance height: \( H_p = H + 40 \text{ mm} \) (with 2.5 kg/m fill weight)

Contact:
- Phone +49 2203 9649-800
- Fax -222
- info@igus.de
- www.igus.eu
- www.igus.de
**E1 | Introduction | Advantages**

**Cost-effective, one-piece strip design for simple applications - E1**

E1: e-chain® modular, 1-piece strip designed for simple applications - The E1 design brings the benefits of an e-chain® to applications, where this solution previously was too expensive. E1 is more economic for higher volumes, quicker to assemble and still offers great control and protection for moving cables. The igus®-System E1 is very cost-effective for high volumes and is especially ideal for automotive applications.

**Typical industries and applications**
- Automotive
- Office solutions and technology
- Automation
- Electric equipment
- Machine-building

**Variations:**
- Different materials and colours available upon request
- UL94-V2 classification

**Easy to lengthen:**
Strips can simply be snapped together

**Easy to shorten:**
Separation at each band

**Save time:**
Very easy to fill because of snap-open lids

**Cost-effective:**
Low-price e-chain®

**Space efficient:**
Compact design with smooth outer contour

**Easy attachment to the machine**

---

**E1 | Selection Table | Technical Data | Order key**

**E1 one-piece strip - snap-open along outer radius**

<table>
<thead>
<tr>
<th>Series</th>
<th>Inner height hi [mm]</th>
<th>Inner width Bi [mm]</th>
<th>Outer width Ba [mm]</th>
<th>Outer height ha [mm]</th>
<th>Bending radius R [mm]</th>
<th>Segment length [Page]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.10.013.</td>
<td>10</td>
<td>13</td>
<td>16.5</td>
<td>15.5</td>
<td>18</td>
<td>200</td>
</tr>
<tr>
<td>E1.17.021.</td>
<td>17</td>
<td>21</td>
<td>26</td>
<td>25</td>
<td>28</td>
<td>255</td>
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<tr>
<td>E1.17.031.</td>
<td>17</td>
<td>31</td>
<td>36</td>
<td>25</td>
<td>28</td>
<td>204</td>
</tr>
<tr>
<td>E1.17.044.</td>
<td>17</td>
<td>44</td>
<td>49</td>
<td>25</td>
<td>28</td>
<td>255</td>
</tr>
<tr>
<td>E1.18.015.</td>
<td>18</td>
<td>15</td>
<td>20</td>
<td>26</td>
<td>28</td>
<td>127.5</td>
</tr>
<tr>
<td>E1.20.015.</td>
<td>20</td>
<td>15</td>
<td>22</td>
<td>27</td>
<td>28</td>
<td>250</td>
</tr>
</tbody>
</table>

**Technical Data**
- Material - permitted temperature °C, igumid NB application-oriented, upon request
- Flammability class igumid NB VDE 0304 IIC UL94-V2

**Order example | Order key and colour options based on Series E1.17**

**Order example for complete e-chain® (1,0 m), colour black**

**e-chain® (1,0 m) Please indicate chain-lengths or number of links**

Order text:

1,0 m E1.17.044.028.0

**Order key**

- E1 snap-open along outer radius

**General igus® colour options for e-chains® and e-tubes**

<table>
<thead>
<tr>
<th>Colours</th>
<th>Order index</th>
<th>Colours</th>
<th>Order index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Standard, from stock</td>
<td>Black</td>
<td>for e-chains/e-tubes</td>
</tr>
<tr>
<td>Slate grey</td>
<td>only ESD material</td>
<td>Slate grey</td>
<td>for e-chains/e-tubes</td>
</tr>
<tr>
<td>Grey</td>
<td>only HT material</td>
<td>Grey</td>
<td>for e-chains/e-tubes</td>
</tr>
<tr>
<td>Grey</td>
<td>only for e-chains®</td>
<td>Grey</td>
<td>for e-chains/e-tubes</td>
</tr>
<tr>
<td>Dusty grey</td>
<td>only for e-tubes</td>
<td>Dusty grey</td>
<td>for e-chains/e-tubes</td>
</tr>
<tr>
<td>Light grey</td>
<td>e-chains/e-tubes</td>
<td>Light grey</td>
<td>for e-chains/e-tubes</td>
</tr>
</tbody>
</table>

**Black e-chains® available from stock!**
**Delivery time for special colours: upon request**

---

3D-CAD files, configurators, PDF | [www.igus.eu/E1](http://www.igus.eu/E1)

igus® GmbH Germany | Phone +49 2203 9649-800 | Fax -222 | info@igus.de | [www.igus.eu](http://www.igus.eu)
**Series E1.10 | Snap-open along outer radius**

<table>
<thead>
<tr>
<th>Snap-open along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R [mm]</th>
<th>Bending radii</th>
<th>Weight [kg/Segment]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.10.013.R.0</td>
<td>13</td>
<td>16.5</td>
<td>018</td>
<td></td>
<td>≈ 0.0164</td>
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</tbody>
</table>

Supplement Part No. with required radius (R). Example: E1.10.013.018.0

**Dimensions**

<table>
<thead>
<tr>
<th>Series</th>
<th>Segment length Dim. A [mm]</th>
<th>No. of links/Segment</th>
<th>No. of Segments/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.10.013.R.0</td>
<td>200</td>
<td>10</td>
<td>S (1000 mm)</td>
</tr>
</tbody>
</table>

**R** 018

The required clearance height: \( H_p = H + 40 \) mm

More radii available upon request, please consult igus® for delivery time!

**Series E1.17 | Snap-open along outer radius**

<table>
<thead>
<tr>
<th>Snap-open along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R [mm]</th>
<th>Bending radii</th>
<th>Weight [kg/Segment]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.17.021.R.0</td>
<td>21</td>
<td>26</td>
<td>028</td>
<td></td>
<td>≈ 0.0478</td>
</tr>
<tr>
<td>E1.17.031.R.0</td>
<td>31</td>
<td>36</td>
<td>028</td>
<td></td>
<td>≈ 0.0460</td>
</tr>
<tr>
<td>E1.17.044.R.0</td>
<td>44</td>
<td>49</td>
<td>028</td>
<td></td>
<td>≈ 0.0695</td>
</tr>
</tbody>
</table>

Supplement Part No. with required radius (R). Example: E1.17.021.028.0

**Dimensions**

<table>
<thead>
<tr>
<th>Series</th>
<th>Segment length Dim. A [mm]</th>
<th>No. of links/Segment</th>
<th>No. of Segments/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.17.021.R.0</td>
<td>255</td>
<td>10</td>
<td>4 (1020 mm)</td>
</tr>
<tr>
<td>E1.17.031.R.0</td>
<td>204</td>
<td>8</td>
<td>5 (1020 mm)</td>
</tr>
<tr>
<td>E1.17.044.R.0</td>
<td>255</td>
<td>10</td>
<td>4 (1020 mm)</td>
</tr>
</tbody>
</table>

**R** 028

The required clearance height: \( H_p = H + 40 \) mm

More radii available upon request, please consult igus® for delivery time!

**Mounting brackets for the Series E1.17.021**

### E1 Series E1.18 | Product range
**e-chain’ on one strip, small size**

#### Series E1.18 | Snap-open along outer radius

<table>
<thead>
<tr>
<th>Snap-open along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R [mm]</th>
<th>Weight [kg/Segment]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.18.015.R.0</td>
<td>15</td>
<td>20</td>
<td>028</td>
<td>~ 0.0169</td>
</tr>
</tbody>
</table>

Supplement Part No. with required radius (R). Example: E1.18.015.028.0

#### Dimensions

- **Moving end**
- **Fixed end**
- Inner height: 18 mm
- Pitch: 25 mm/link
- Chain length: $S/2 + K$

More radii available upon request, please consult igus® for delivery time!

<table>
<thead>
<tr>
<th>Series</th>
<th>Segment length Dim. A [mm]</th>
<th>No. of links/Segment</th>
<th>No. of Segments/m</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.18.015.R.0</td>
<td>101</td>
<td>4</td>
<td>10 (1010 mm)</td>
<td>028</td>
</tr>
</tbody>
</table>

| H        | 92 |
| D        | 76 |
| K        | 120 |

The required clearance height: $H_p = H + 40$ mm

### E1 Series E1.20 | Product range
**e-chain’ on one strip, small size, lids open reciprocally**

#### Series E1.20 | Snap-open along outer radius | Lids open reciprocally

<table>
<thead>
<tr>
<th>Snap-open along outer radius</th>
<th>Bi [mm]</th>
<th>Ba [mm]</th>
<th>R [mm]</th>
<th>Weight [kg/Segment]</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.20.015.R.0</td>
<td>15</td>
<td>22</td>
<td>028</td>
<td>~ 0.0443</td>
</tr>
</tbody>
</table>

Supplement Part No. with required radius (R). Example: E1.20.015.028.0

#### Dimensions

- **Moving end**
- **Fixed end**
- Inner height: 20 mm
- Pitch: 25 mm/link
- Chain length: $S/2 + K$

More radii available upon request, please consult igus® for delivery time!

<table>
<thead>
<tr>
<th>Series</th>
<th>Segment length Dim. A [mm]</th>
<th>No. of links/Segment</th>
<th>No. of Segments/m</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.20.015.R.0</td>
<td>250</td>
<td>10</td>
<td>4 (1000 mm)</td>
<td>028</td>
</tr>
</tbody>
</table>

| H        | 92 |
| D        | 76 |
| K        | 120 |

The required clearance height: $H_p = H + 40$ mm

More radii available upon request, please consult igus® for delivery time!
**Fit cable assemblies quickly in bunches - snapchain**

igus® snapchain economical e-chains® for simple fillings. snapchains are easy to assemble and cost-effective. If an easy solution for minor number of travels is required.

**Typical industries and applications**
- Switch cubicle construction
- Electrical equipment
- Computer cubicles
- Office furniture
- Wherever cables are moved infrequently

**Introduction Advantages**
- Save time: Fit cable assemblies quickly in bunches, available in 2 sizes
- Flexible: Adjust and change loops at any time
- Opening principle: Version TE14/TE26 can be opened along the outer radius and TZ14/TZ26 can be opened along the inner radius
- Simple: Favorable alternative to complex hinged cable trays
- Short lengths: Well-suited to short lengths, ideally 5 - 10 links
- Flexible: Can be bent in 1 or 2 directions

**Selection Table**

<table>
<thead>
<tr>
<th>Series</th>
<th>Length loops (mm)</th>
<th>Pitch (mm)</th>
<th>Bending radius R (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Version TE</strong> - Loops open along the outer radius</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TE14.50</td>
<td>50</td>
<td>30,5</td>
<td>028 - 125</td>
</tr>
<tr>
<td>TE26.120</td>
<td>120</td>
<td>56</td>
<td>063 - 200</td>
</tr>
<tr>
<td>TZ14.50</td>
<td>50</td>
<td>30,5</td>
<td>028 - 125</td>
</tr>
<tr>
<td>TZ26.120</td>
<td>120</td>
<td>56</td>
<td>063 - 200</td>
</tr>
</tbody>
</table>

**Technical Data**
- Material - permitted temperature °C, igumid NB: -40° up to +80° C
- Flammability class igumid NB: VDE 0304 IIIC UL94-V2

**Order example**

**Order example for complete e-chain® (1,0 m), colour black:**

<table>
<thead>
<tr>
<th>e-chain® (1,0 m)</th>
<th>Please indicate chain-lengths or number of links</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order text:</td>
<td>1,0 m TE26.120.100.0</td>
</tr>
</tbody>
</table>

**General igus® colour options for e-chains® and e-tubes**

<table>
<thead>
<tr>
<th>Colours</th>
<th>Order index</th>
<th>Colours</th>
<th>Order index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>0</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Slate grey</td>
<td>ESD</td>
<td>Grey white</td>
<td>15</td>
</tr>
<tr>
<td>Grey brown</td>
<td>HT</td>
<td>Orange</td>
<td>2</td>
</tr>
<tr>
<td>Grey</td>
<td>0.2</td>
<td>Yellow</td>
<td>0.4</td>
</tr>
<tr>
<td>Dusty grey</td>
<td>3</td>
<td>Light grey</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Black e-chains® available from stock!

Delivery time for special colours: upon request
### snapchain | Series TE14-TZ14 | Product range

Fit cable assemblies quickly in bunches, small size

**Series TE14 | Loops open along the outer radius**

**Series TZ14 | Loops open along the inner radius**

<table>
<thead>
<tr>
<th>To be opened along the outer radius</th>
<th>To be opened along the inner radius</th>
<th>R Bending radii [mm]</th>
<th>Weight [kg/m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE14.50.R.0*</td>
<td>TZ14.50.R.0</td>
<td>028</td>
<td>038</td>
</tr>
</tbody>
</table>

*also available as RBR (Reverse bending radius)* Part No. TE14.50.Radius/Radius

Supplement Part No. with required radius (R). Example: **TE14.50.100.0**

---

### snapchain | Series TE26-TZ26 | Product range

Fit cable assemblies quickly in bunches, large size

**Series TE26 | Loops open along the outer radius**

**Series TZ26 | Loops open along the inner radius**

<table>
<thead>
<tr>
<th>To be opened along the outer radius</th>
<th>To be opened along the inner radius</th>
<th>R Bending radii [mm]</th>
<th>Weight [kg/m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE26.120.R.0*</td>
<td>TZ26.120.R.0</td>
<td>063</td>
<td>075</td>
</tr>
</tbody>
</table>

*also available as RBR (Reverse bending radius)* Part No. TE26.120.Radius/Radius

Supplement Part No. with required radius (R). Example: **TE26.120.100.0**

---

### Dimensions

**Pitch**

30.5 mm/link

**Links/m**

33 (1006.5 mm)

**Chain length**

$5t + K$

Cable package max.: 18 mm

---

**Pitch**

56 mm/link

**Links/m**

18 (1008 mm)

**Chain length**

$5t + K$

Cable package max.: 47 mm