Price Index

4 Widths
6 Bending Radii

Mounting bracket with or without strain relief tie-wrap plates

Quickfix: mounting bracket with dowel

Snap-open along inner radius with film-hinge

**Product Range:**

| Inner Widths (Bi) inches (mm): | .59 (15), .98 (25), 1.50 (38), 1.97 (50) |
| Bending Radii (R) inches (mm): | 1.10 (28), 1.50 (38), 1.89 (48), 2.95 (75), 3.94 (100), 4.92 (125) |
| Pitch: | 1.20 (30.5 mm)/link = 10.06 links/ft (33 links/m) |
| Fill weight in lbs/ft | 39.6 (1006.5 mm) |

**Unsupported length**
- FL_B = unsupported with permitted sag
- FL_G = unsupported with straight upper run

**Unsupported length in ft FL_B / FL_G**

- FL_G FL_B 0 1.64 3.28 4.92 8.20 9.84
- S (FL_B) 0 .34 .67 1.01 .84 .50 .34 0
- S (FL_G) 0 3.28 6.56 9.84 6.56 4.92 3.28 0

**When to use the Series 14:**
- For applications with low loads
- Fast installation of the cables

**When not to use the Series 14:**
- Gliding applications
- New Series 15 “Zipper”, Chapter 3
- For long unsupported lengths
  - New Series 15 “Zipper”, Chapter 3
Installation Dimensions

Pitch: \( = 1.20 \text{ (30.5 mm) per link} \)
Links per ft (m): \( = 10.06 \text{ (33)} \)
Chain length: \( = \frac{S}{2} + K \)

Mounting Brackets

polymer, one-piece
- Attachment top or bottom
- Corrosion resistant
- With or without strain relief tiewrap plate
- Flush mounting

Bending Radii for ALL Widths

<table>
<thead>
<tr>
<th>R_1</th>
<th>1.10 (028)</th>
<th>1.50 (038)</th>
<th>1.89 (048)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>3.23 (82)</td>
<td>4.01 (102)</td>
<td>4.80 (122)</td>
</tr>
<tr>
<td>D</td>
<td>2.80 (71)</td>
<td>3.19 (81)</td>
<td>3.58 (91)</td>
</tr>
<tr>
<td>K</td>
<td>5.91 (150)</td>
<td>7.28 (185)</td>
<td>8.46 (215)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R_1</th>
<th>2.95 (75)</th>
<th>3.94 (100)</th>
<th>4.92 (125)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>6.97 (177)</td>
<td>8.94 (227)</td>
<td>10.91 (277)</td>
</tr>
<tr>
<td>D</td>
<td>4.72 (120)</td>
<td>5.71 (145)</td>
<td>6.69 (170)</td>
</tr>
<tr>
<td>K</td>
<td>11.81 (300)</td>
<td>14.76 (375)</td>
<td>17.91 (455)</td>
</tr>
</tbody>
</table>

*The required clearance height is \( HF = H + .79 \text{ (20)} \) with \( .34 \text{ lbs/ft (0.5 kg/m)} \) fill weight. Please consult igus® is space is particularly restricted.

Chain Part No. | Part No. Set Mounting Brackets | Dimension A (mm) | Dimension B (mm)
--- | --- | --- | ---
14-1 | 114-1-12PZ 114-1-12P | 0 | 1.04 (26.5)
14-2 | 114-2-12PZ 114-2-12P | .39 (10) | 1.44 (36.5)
14-3 | 114-3-12PZ 114-3-12P | .91 (23) | 1.95 (49.5)
14-4 | 114-4-12PZ 114-4-12P | 1.38 (35) | 2.42 (61.5)

114...12 = Full set, each part with pin/bore
114... 1 = Mounting bracket with bore
114... 2 = Mounting bracket with pin
Order Example and Technical Data: Series 14

Order example

1. Chain selection:

14-2-038-0

- Color
- Radius
- Width
- Chain type

For 3.28 ft (1 m) chain, color black, with mounting brackets:
3.28 ft (1 m) 14-2-038-0 and 114-2-12PZ

- 33 links — 10.06 links/ft (33 links/m)

114-2...

2. Mounting brackets:

114-2-12PZ

Ful set
Chain width

Technical data

<table>
<thead>
<tr>
<th>Chain Type</th>
<th>Weight Per Link (oz.)</th>
<th>Weight Per Link (g)</th>
<th>Weight Per Meter (lbs)</th>
<th>Weight Per Meter (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-1</td>
<td>.32</td>
<td>(~ 9)</td>
<td>.21</td>
<td>(~ 0.31)</td>
</tr>
<tr>
<td>14-2</td>
<td>.35</td>
<td>(~ 10)</td>
<td>.22</td>
<td>(~ 0.32)</td>
</tr>
<tr>
<td>14-3</td>
<td>.42</td>
<td>(~ 12)</td>
<td>.27</td>
<td>(~ 0.40)</td>
</tr>
<tr>
<td>14-4</td>
<td>.46</td>
<td>(~ 13)</td>
<td>.30</td>
<td>(~ 0.44)</td>
</tr>
</tbody>
</table>

Material: igumid G
Permitted temperature: -22°/+212°F (-30°/+100°C)
Unsupported V max.: 32.8 ft/s (10 m/s)
Flammability class: VDE 0304 IIC UL94 V2

Details of material properties
- Design, Chapter 1