



Mounting bracket
with strain
relief option

e-chain® zip-open
along outer radius

Two-piece
link design

For high
accelerations

Small pitch
for low-noise,
smooth running

Can be separated
and joined at each link

Interior separation
possible

Fast opening, large inner height

When to use Series 17 E2 mini:

- If an e-chain® with an inner height of 32 mm is required
- For inner widths up to 100 mm
- For unsupported lengths up to 1,0 m and fill weights up to 1,5 kg/m
- If a very small e-chain® with a large inner height is required
- Small pitch for smooth running
- If fast, zipper-like accessibility to cables is required



When to use a different igus® Series:

- If a fully enclosed e-tube with zipper opening mechanism is required
 - ▶ **Series R17 zipper e-tube, page 4.60**
- If snap-open accessibility along the inner radius is required
 - ▶ **Series B17i E2 mini, page 5.120**
- If maximum stability is required
 - ▶ **Series R4.32, page 7.42**
- If torsion occurs
 - ▶ **Series E16/Z16 easy chain®, page 3.42**

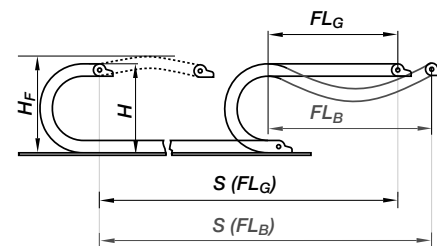
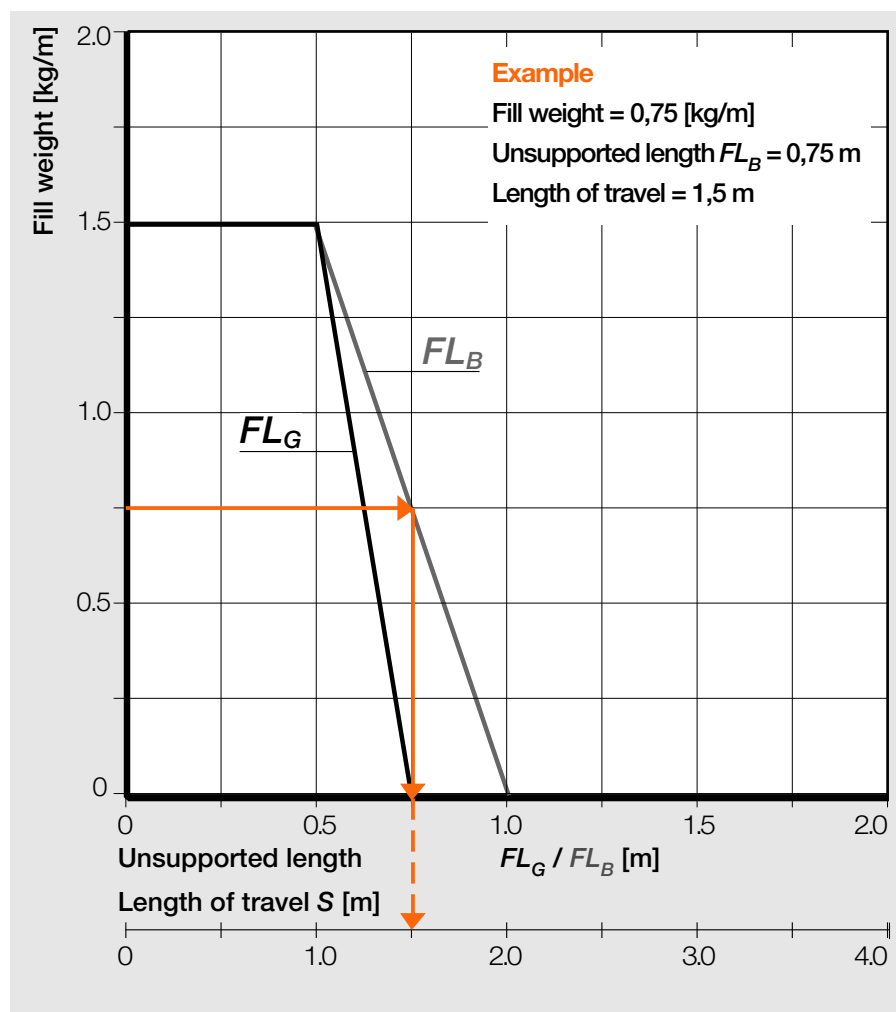


Available from stock. Delivery in 24h or today!*

*Delivery time means time until shipping of goods

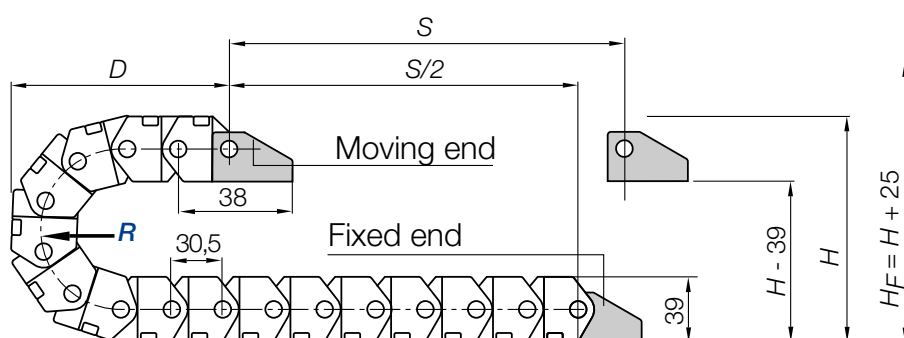


3D-CAD files, configurators, PDF ▶ www.igus.de/en/17



Unsupported applications

Unsupported e-chains® feature positive camber over short travels. This must be accounted for when specifying the clearance height H_F . Please consult igus® if space is particularly restricted. More information ► **Design, page 1.8**



Technical Data

Speed, material, temperature and flammability class ► **page 4.6**

Pitch = 30,5 mm/link
Links/m = 33 (1006,5 mm)
Chain length = $S/2 + K$

R	063	075	100	125
H	165	189	239	289
D	128	140	165	190
K	260	300	380	455

The required clearance height: $H_F = H + 25$ mm (with 1,5 kg/m fill weight)



FL_G = with straight upper run
 FL_B = with permitted sag

S = Length of travel
 R = Bending radius

H = Nominal clearance height
 H_F = Required clearance height

D = Overlength e-chain®, radius in final position
 $K = \pi \cdot R + \text{"safety"}$



e-chain® | Series 17 | zip-open along outer radius

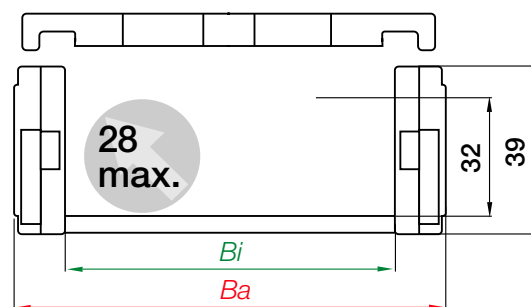
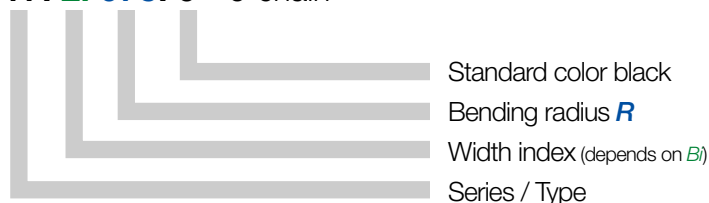
e-chain® zip-open along outer radius	<i>Bi</i> [mm]	<i>Ba</i> [mm]	<i>R</i> Bending radii [mm]	Weight [kg/m]
17. 1 . <i>R</i> .0	15	25,5	063 075 100 125	≈ 0,52
17. 2 . <i>R</i> .0	25	35,5	063 075 100 125	≈ 0,59
17. 3 . <i>R</i> .0	38	48,5	063 075 100 125	≈ 0,65
17. 4 . <i>R</i> .0	50	60,5	063 075 100 125	≈ 0,70
17. 5 . <i>R</i> .0	63	76	063 075 100 125	≈ 0,83
17. 6 . <i>R</i> .0	80	93	063 075 100 125	≈ 0,92
17. 7 . <i>R</i> .0	100	113	063 075 100 125	≈ 1,06

Supplement Part No. with required radius (*R*) Example: 17.2.075.0



Order key

17. 2. 075. 0 e-chain®



17.2.075.0 = e-chain® snap-open along outer radius, *Bi* 25 mm inner width, *R* 075 mm radius, color black

More order examples and configuration options ► page 4.59

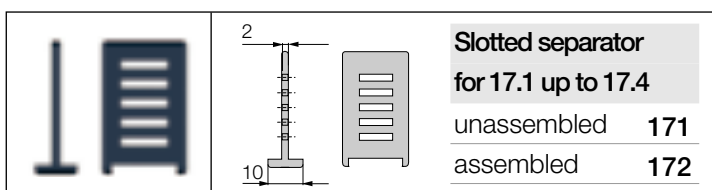
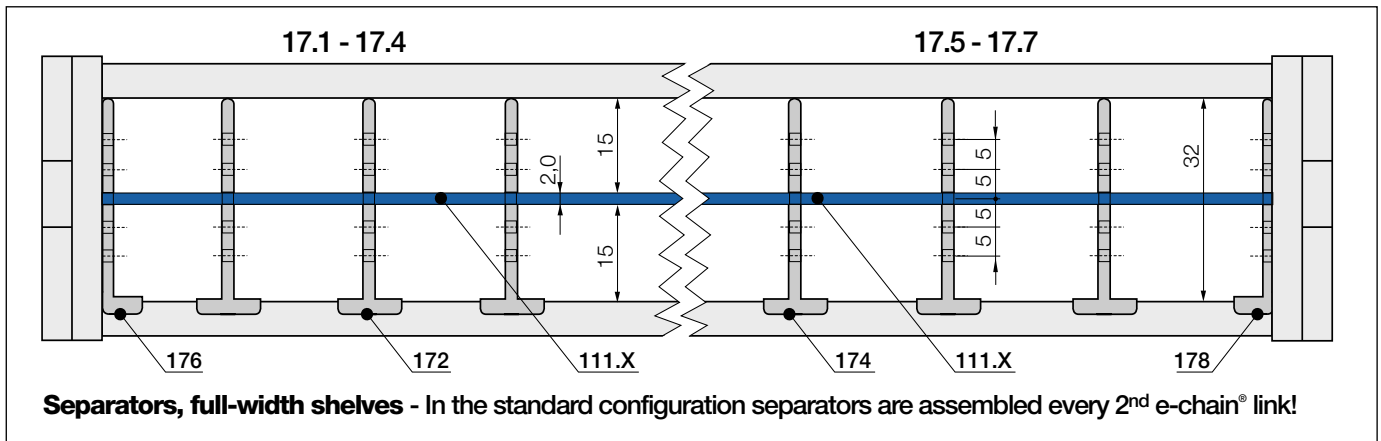


Part No. of e-chain® links as single parts ► page 4.7



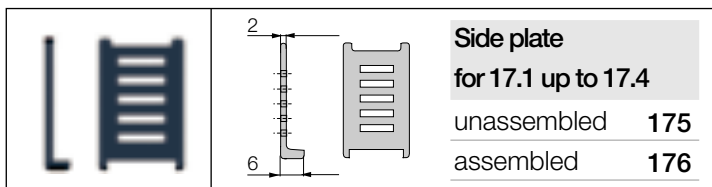
Standard e-chains® available from stock. **Delivery in 24h or today!***

*Delivery time means time until shipping of goods



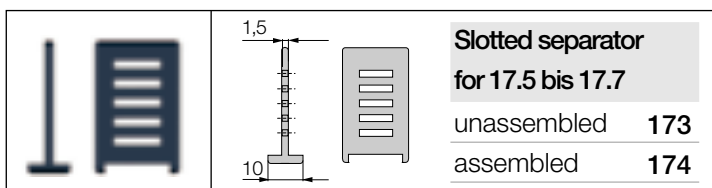
Slotted separator 171 (17.1 up to 17.4)

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



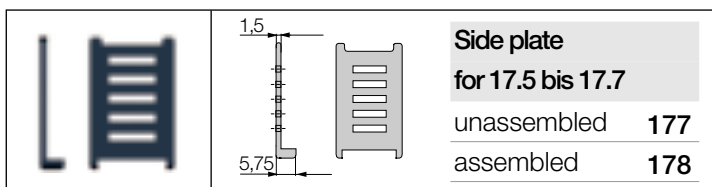
Side plate 175 (17.1 up to 17.4)

Side plate for use with full-width shelf 110.X and slotted separator 171.



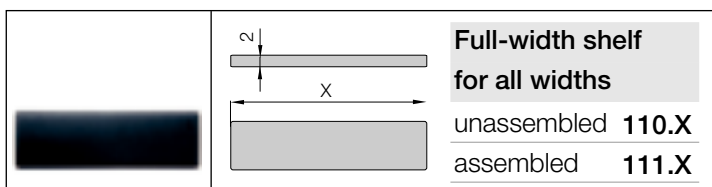
Slotted separator 173 (17.5 up to 17.7)

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



Side plate 177 (17.5 up to 17.7)

Side plate for use with full-width shelf 110.X and slotted separator 174.

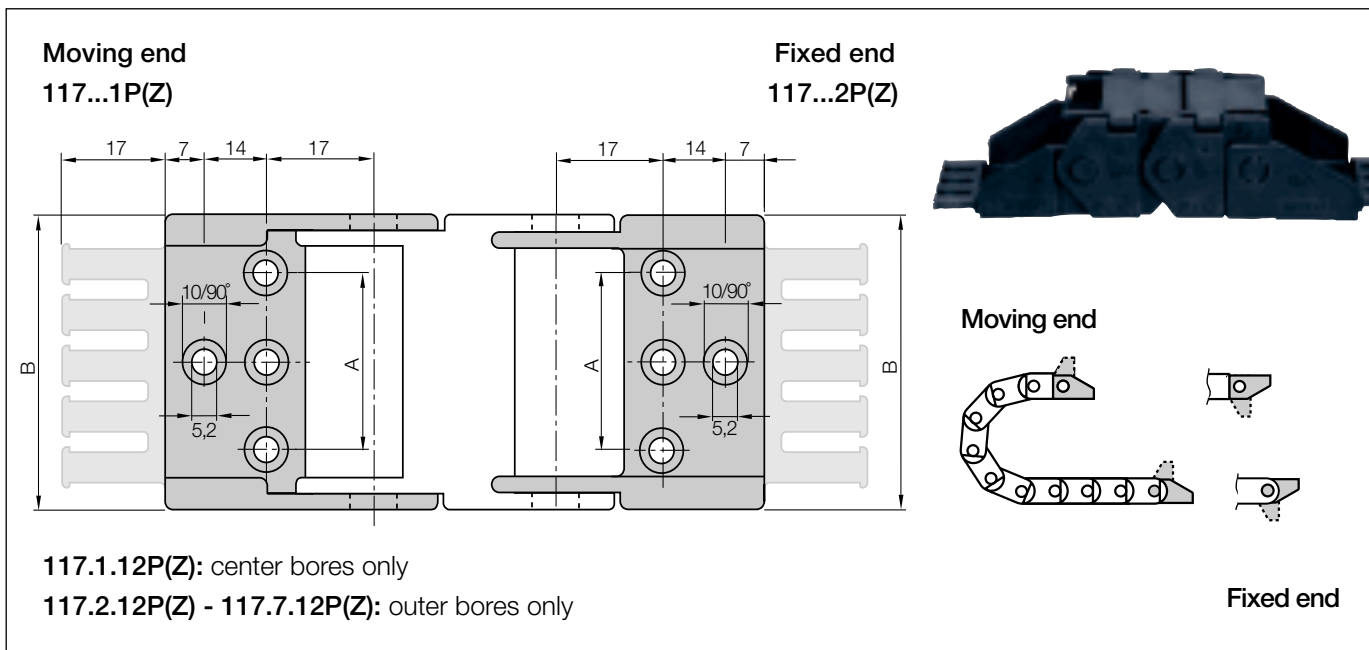


Full-width shelf 110.X (for all widths)

this option makes sense in applications with many thin cables with similar diameters. For a consequent subdivision. Full-width shelves can be arranged at 5 different heights (in 5 mm increments).

Full-width shelves (for all widths)

Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled	Width X [mm]	unassembled	assembled
015	110.15	111.15	050	110.50	111.50	100	110.100	111.100
025	110.25	111.25	063	110.63	111.63			
038	110.38	111.38	080	110.80	111.80			



Polymer locking, one-piece | Universal for e-chains®

Recommended for unsupported applications

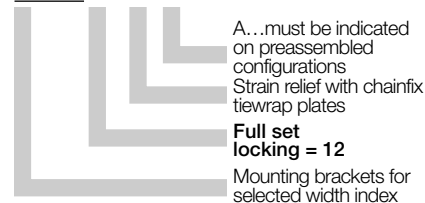
Width Index	Part No. full set with tiewrap plates	Part No. full set without tiewrap plates	Dim. A [mm]	Dim. B [mm]	Number of teeth
1.	▶ 117.1.12PZ	117.1.12P	—	25,5	2
2.	▶ 117.2.12PZ	117.2.12P	12	35,5	3
3.	▶ 117.3.12PZ	117.3.12P	25	48,5	4
4.	▶ 117.4.12PZ	117.4.12P	37	60,5	5
5.	▶ 117.5.12PZ	117.5.12P	48	76	6
6.	▶ 117.6.12PZ	117.6.12P	65	93	8
7.	▶ 117.7.12PZ	117.7.12P	85	113	10



- One-piece mounting bracket
- Available with or without strain relief tiewrap plates
- Corrosion-resistant
- Various installation options on the fixed end and/or the moving end
- Inner and outer attachment possible

Part No. structure

117.2.12 PZ A1



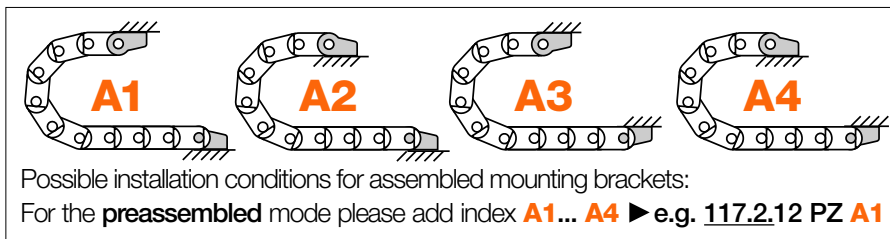
Single-part order

Mounting bracket **Moving end**

117.2.1 PZ A1 (preass. + tiewrap plate)

Mounting bracket **Fixed end**

117.2.2 PZ A1 (preass. + tiewrap plate)



Strain relief, e.g. clamps, tiewrap plates, nuggets and plug-in clips are available from stock. The complete chainfix range with order options ▶ from page 10.1

	<i>Standard</i>	<i>NC-Version - (no camber) without pretension</i>	<i>ATEX / ESD classified e-chains®</i> 
	Part No. Standard e-chains® 	Part No. NC-Material e-chains® 	Part No. ESD-Material e-chains® 
	17.2.R.0	17.2.R.0.NC	17.2.R.0.ESD
	Delivery time 24h or today!*	Delivery time 3-5 work days	Delivery time 5 work days

Order example | Order key and color options

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

e-chain® (1,0 m) Please indicate e-chain® length or number of links: 1,0 m or 33 links **17.2.075.0**

+ Mounting brackets 1 set (with integrated strain relief) **117.2.12PZ**

+ Interior separation with 2 separators assembled every 2nd link **2 x 172**

Order text: 1,0 m 17.2.075.0 + 117.2.12PZ + 2 x 172

 **Order key**
17.025.038.0



Black e-chains® from stock!

*Colored e-chains® delivered in 15 work days (Delivery in 5 work days at an express surcharge, available upon request!)

Color options for e-chains® and e-tubes

Color	Order index	Color	Order index
 black	.0 from stock!	 green*	.7
 white*	.1	 grey*	.3 for e-chains®
 violet*	.5	 dusty grey*	.3 for e-tubes
 yellow*	.4	 agate grey*	.11
 orange*	.2	 light grey*	.14
 red*	.6	 black grey*	.13
 blue*	.8	 yellow/black*	.9

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