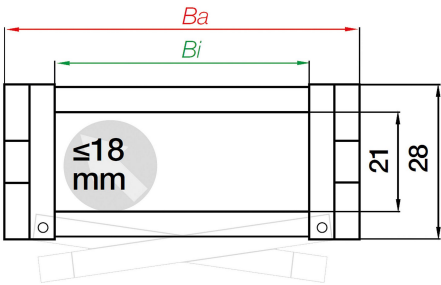
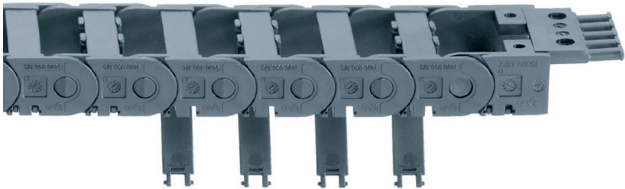


1400 series | Openable from both sides along the inner radius | Inner height: 21 mm

1400.050.048.0



1400 series | Openable from both sides along the inner radius | Inner height: 21 mm

- Inner height hi: 21 mm
- Inner width Bi: 15 - 125 mm
- Bend radii R: 35 - 180 mm
- Pitch: 33,3 mm
- Openable from both sides (from left and right) along the inner radius
- High strength paired with quieter motion
- Easy and versatile assembly
- Long cable life

Outer height Ha	28 mm
Inner height [Hi]	21 mm
Inner width [Bi]	50 mm
Max. cable diameter	18 mm
Outer width [Ba]	63.5 mm

Product description

Introducing the 1400 series from the E2/000 system, designed for versatility and ease of use. This innovative system opens from both sides along the inner radius, featuring an inner height of 21 mm. With a robust design, it ensures quieter motion and long cable life, making it ideal for various applications. Enjoy easy assembly and a modular interior separation, plus a double stop system for large unsupported lengths. Experience high strength and flexibility with the 1400 series.

Thermal properties

Temperature e-chain®	-40°C to +120°C
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Dynamic properties

v max. unsupported (speed)	20 m/s
v max. gliding (speed)	10 m/s



Dimensions

Inner height [Hi]	21 mm
Inner width [Bi]	50 mm
Outer height Ha	28 mm
Outer width [Ba]	63.5 mm
Bend radius [R]	48 mm
Pitch	33.3 mm
Chain links per metre	30
Max. cable diameter	18 mm
H	124 mm
D	112 mm
K	220 mm
H2	96 mm
D2	100 mm
K2	220 mm
Velocity FLG unsupported max.	20 m/s
Acceleration FLG max.	200 m/s²
Maximum unsupported length	1.75 m

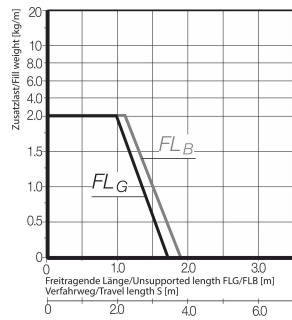
General properties

Opening principle	Openable along inner radius
Maximum fill weight	2 kg/m
Colour	black
Material	igumid G LW
Energy chain system	E2/000
Shipping weight (kg or kg/m)	0.5652

Certificates and standards



Additional information and diagrams



The unsupported length depends on fill weight

X axis: unsupported length in m FLB/FLG

Y axis: fill weight in kg/m

Lower scale: travel S in m

FLB = unsupported with permissible sag

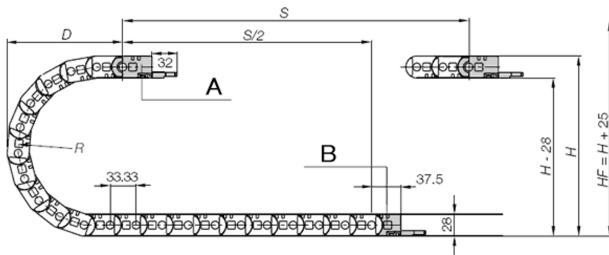
FLG = unsupported with straight upper run

Reference example A:

fill weight = 1.5 [kg/m]

unsupported length FLB = 1.3m

travel = 2.6m



A = Moving end, B = Fixed end

Pitch: 46mm

Chain links per m: 30

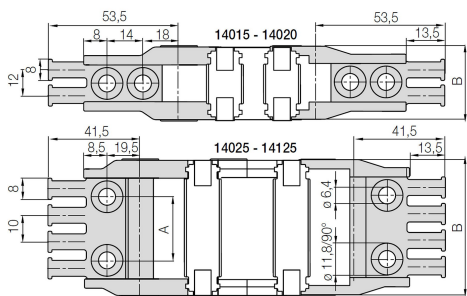
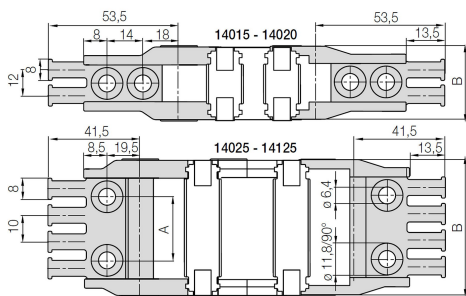
Travel: S

Chain length = $\frac{S}{2} + KK$ = Surcharge for bending radius for e-chain length calculation in mm

Note: Chain length for the e-chain links is rounded up, as there are no half links.

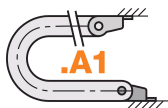


Mounting brackets polymer - pivoting

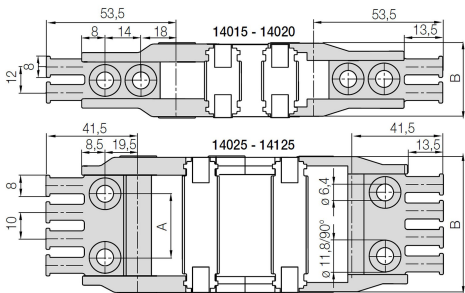
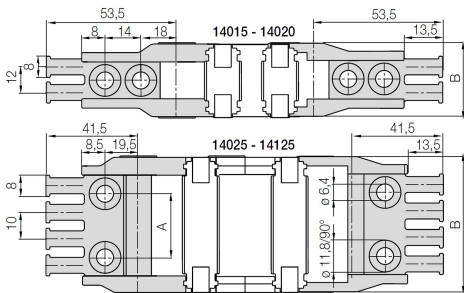


Part number	with tiewrap plates	Mounting type	Alignment (mounting bracket)
14050.34PZ.A1	Yes	A1	pivoting
14050.34PZ.A2	Yes	A2	pivoting
14050.34PZ.A3	Yes	A3	pivoting
14050.34PZ.A4	Yes	A4	pivoting

Mounting type

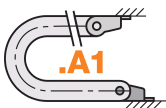


Mounting brackets polymer - fixed

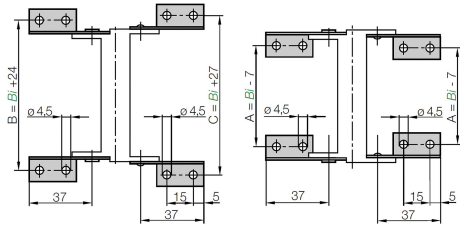
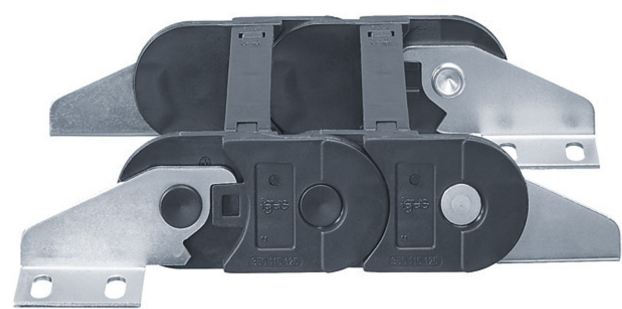


Part number	with tiewrap plates	Mounting type	Alignment (mounting bracket)
14050.12PZ.A1	Yes	A1	fixed
14050.12PZ.A2	Yes	A2	fixed
14050.12PZ.A3	Yes	A3	fixed
14050.12PZ.A4	Yes	A4	fixed

Mounting type



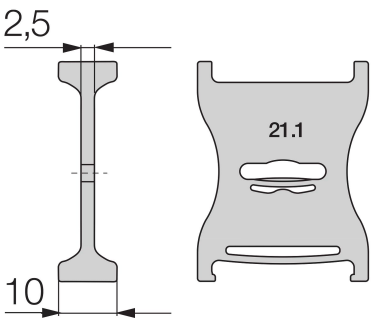
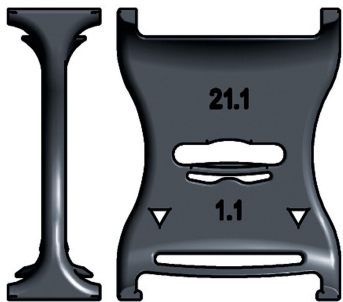
Mounting brackets steel - fixed



Part number	Variant (mounting bracket)
14000.12	zinc-coated



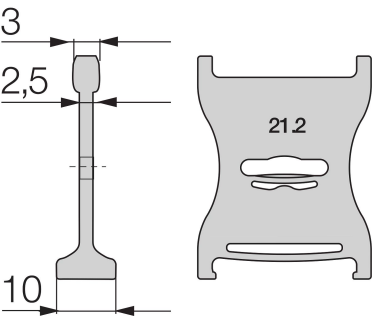
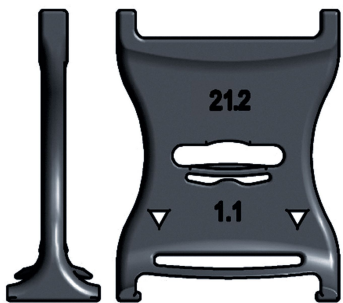
Seperators



Standard separator, wide base, unassembled

Standard - for any application. Separator with a wide base for maximum holding force.

Part number	Mounted
21.1	No

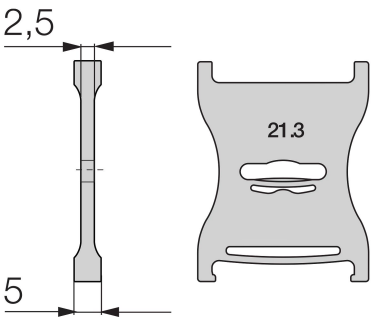
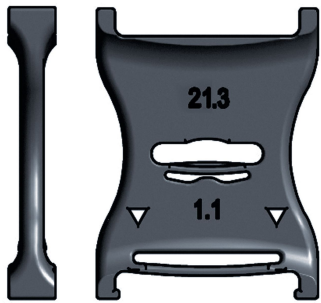


Separator, narrow top, unassembled

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

Part number	Mounted
21.2	No

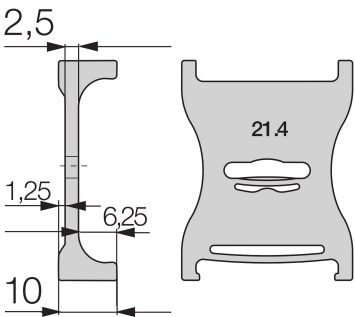
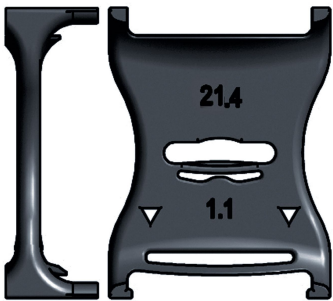




Separator, narrow, unassembled

For a large number of thin cables. Separator with a narrow base for a large number of thin cables side by side. Space-saving in energy chains.

Part number	Mounted
21.3	No

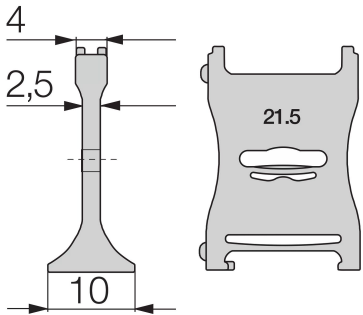


Separator, asymmetrical, unassembled

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

Part number	Mounted
21.4	No





Notch separator, unassembled

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

Part number	Mounted
21.5	No

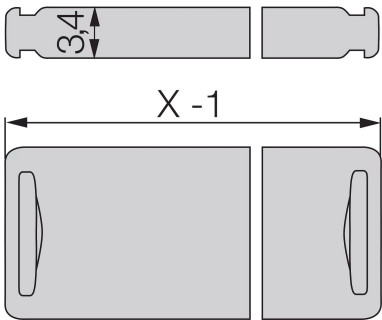
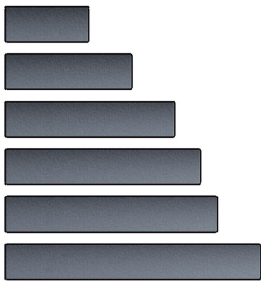
Separator, slotted, unassembled

Separator, slotted, unassembled

Part number	Mounted
14001	No



Shelves



Part number	Width	Mounted
110.15	15 mm	No
110.25	25 mm	No
110.38	38 mm	No
110.50	50 mm	No
2300.011	11 mm	No
2300.015	15 mm	No
2300.025	25 mm	No
2300.030	30 mm	No
2300.038	38 mm	No
2300.040	40 mm	No
2300.050	50 mm	No