KMA mounting brackets | Attachment from any side | Pivoting

Fixed end	Moving end	Front view
E6./R6. 290 ... 1	E6./R6. 290 ... 2	of KMA

27 n x 22 27

Bi + 19.5 A Bi

Bi A Bi + 19.5

A

ø 4.5 / t=5.2   10

Pivoting angle corresponds to the radius!

☐ Moving end
■ Fixed end

KMA pivoting | Recommended for unsupported applications

Width index	Part No. full set KMA pivoting			A [mm]	Bi [mm]
030. ▶	E6.290.	R6.290.	030.12	40	30
040. ▶	E6.290.	R6.290.	040.12	50	40
050. ▶	E6.290.	R6.290.	050.12	60	50
060. ▶	E6.290.	R6.290.	060.12	70	60
070. ▶	E6.290.	R6.290.*	070.12	80	70
080. ▶	E6.290.	R6.290.	080.12	90	80

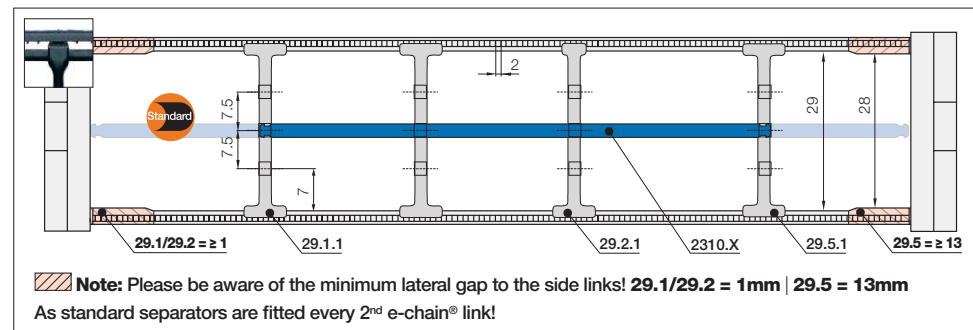| Width index	Part No. full set KMA pivoting			A [mm]	Bi [mm]
090. ▶	E6.290.	R6.290.*	090.12	100	90
100. ▶	E6.290.	R6.290.*	100.12	110	100
110. ▶	E6.290.	R6.290.	110.12	120	110
120. ▶	E6.290.	R6.290.	120.12	130	120
140. ▶	E6.290	–	140.12	150	140

*Width available upon request. Please consult igus® for delivery time.

(KMA = polymer metal mounting bracket)

.A

The bracket orientations are set automatically when using an igus® KMA mounting bracket with attachment from any side. To receive a KMA mounting bracket pre-fitted please add index **.A.**

E6.290.080.12.A   Order example
Pre-assembled
Full set
Width index
Series
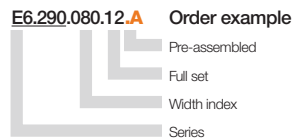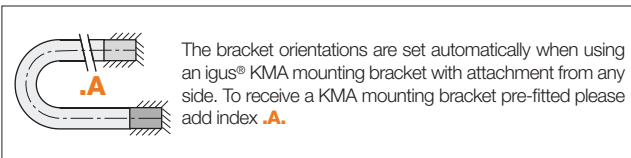
Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392

Interior separation | Increase cable service life (only for e-chains®, for e-tubes ▶ next page)

Previous generation of interior separation with other options ▶ www.igus.co.uk/E6.29

2
29 28
7.5
Standard 7.5
7.5
7

29.1/29.2 = ≥ 1   29.1.1   29.2.1   2310.X   29.5.1   **29.5 = ≥ 13**

▨ **Note:** Please be aware of the minimum lateral gap to the side links! **29.1/29.2 = 1mm | 29.5 = 13mm**
As standard separators are fitted every 2nd e-chain® link!

Standard	2.5 / 8		Standard separator, wide base	
			unassembled	29.1
			assembled	29.1.1
	4 / 2.5 / 8		Separator, narrow top	
			unassembled	29.2
			assembled	29.2.1
	2.5 / 8		Notch separator for notched crossbar	
			unassembled	29.5
			assembled	29.5.1
	X -1		Shelf, lockable	
			unassembled	2300.X
			assembled	2310.X

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

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. 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]

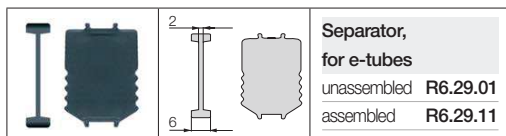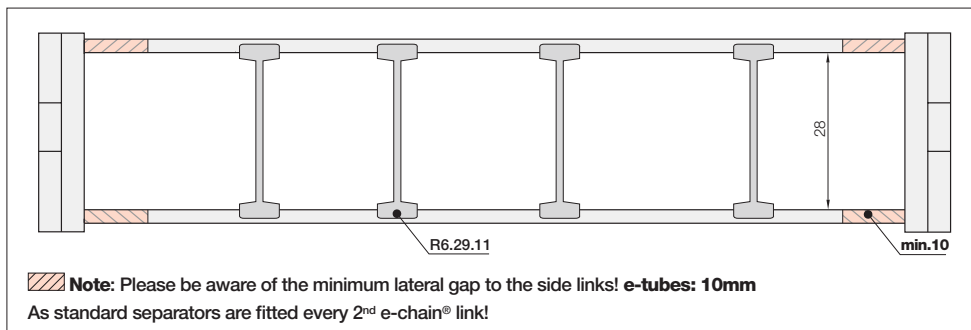| X [mm]	unassembled	assembled	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled
015	2300.015	2310.015	060	2300.060	2310.060	087	2300.87	2310.087
025	2300.025	2310.025	062	2300.062	2310.062	090	2300.90	2310.090
030	2300.030	2310.030	065	2300.065	2310.065	100	2300.100	2310.100
038	2300.038	2310.038	070	2300.070	2310.070	103	2300.103	2310.103
040	2300.040	2310.040	075	2300.075	2310.075	110	2300.110	2310.110
050	2300.050	2310.050	077	2300.077	2310.077	120	2300.120	2310.120
057	2300.057	2310.057	080	2300.080	2310.080	125	2300.125	2310.125

Separator with integrated strain relief teeth
● Can be integrated into the mounting bracket or placed at any point
● Combines strain relief and interior separation, for restricted space conditions
● Strain relief separator is easy to assemble without any screws
Part No. E6.29.02.Z - more information ▶ From page 1424

Interior separation (only for e-tubes, for e-chains® ► previous page)

28

R6.29.11

min.10

⬛ **Note:** Please be aware of the minimum lateral gap to the side links! **e-tubes: 10mm**

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

2 6	**Separator, for e-tubes**	
	unassembled	**R6.29.01**
	assembled	**R6.29.11**

Separator for e-tubes

Notches on the separator indicate the clamping side of the separator. The notches on this separator mark the side that fixes to the lid.
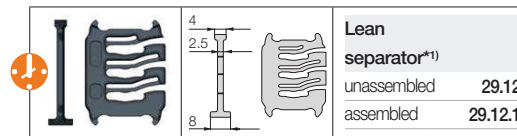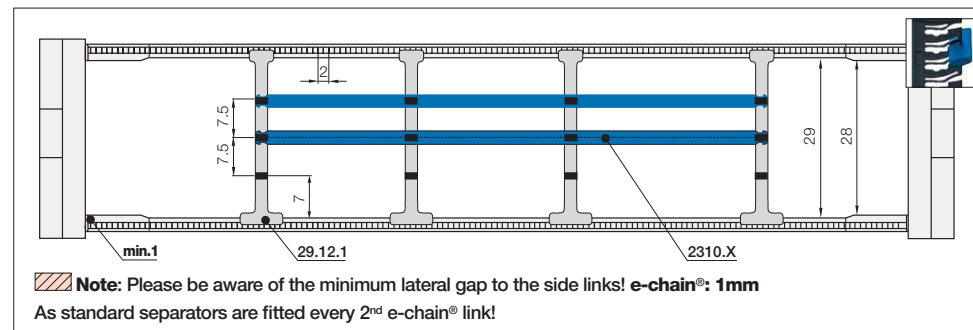
Separator with integrated strain relief teeth

● Can be integrated into the mounting bracket or placed at any point
● Combines strain relief and interior separation, for restricted space conditions
● Strain relief separator is easy to assemble without any screws
Part No. R6.29.02.Z - more information ► From page 1424

Long travel length with side-mounted orientation using the low noise and vibration series E6 for a camera application

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Interior separation | To allow faster filling

2

7.5 7.5

7.5

7

29 28

min.1

29.12.1

2310.X

⬛ **Note:** Please be aware of the minimum lateral gap to the side links! **e-chain®: 1mm**

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

4 2.5 8	**Lean separator*[1]**	
	unassembled	**29.12**
	assembled	**29.12.1**

Lean separators*[1]

For quick fitting of shelves in several layers.

1) Note: Please combine maximum 4 lean separators with one shelf. Not suitable for side-mounted e-chains®!

*Only suitable for e-chains®

With the lean separator you can quickly insert several layers of cables into the e-chain® and reduce the installation time by up to 50%[2].

2) Lean interior separation vs. Standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory