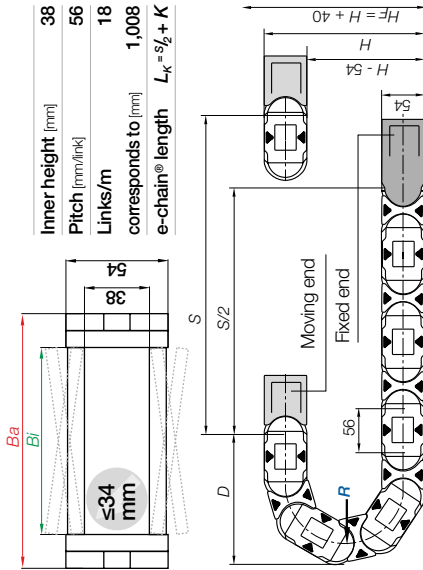
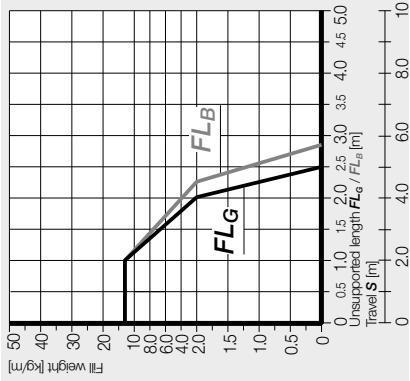




inner and outer radius, from both sides)
and outer radius, from both sides)

Part No.	e-tubes	Bi	Ba	E4.38L	R4.38L
R.0	—	225	241	≈ 1,97	—
R.0	—	237	253	≈ 2,05	—
R.0	R4.38L 250.R.0	250	266	≈ 2,11	≈ 2,65
R.0	—	262	278	≈ 2,15	—
R.0**	—	275	291	≈ 2,22	—
R.0**	—	287	303	≈ 2,30	—
R.0	R4.38L 300.R.0**	300	316	≈ 2,36	≈ 3,00
R.0**	—	312	328	≈ 2,40	—
R.0**	—	325	341	≈ 2,47	—
R.0**	—	337	353	≈ 2,55	—
R.0**	—	350	366	≈ 2,57	—
R.0**	—	362	378	≈ 2,60	—
R.0**	—	375	391	≈ 2,65	—
R.0**	—	387	403	≈ 2,76	—
R.0**	—	400	416	≈ 2,83	—

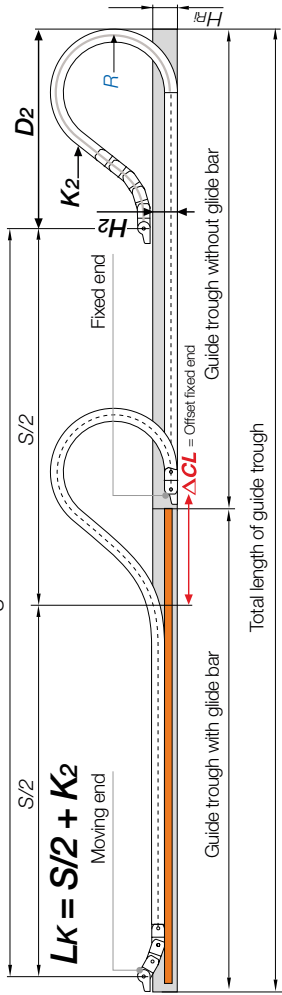


R	063 ¹⁾	075 ¹⁾	100 ¹⁾	125	150	175	200	250	300	350*
H	180	204	254	304	354	404	454	554	654	754
D	174	186	211	236	261	286	311	361	411	461
K	310	350	430	505	585	665	745	900	1,055	1,215

The required clearance height: $H_f = H + 40\text{mm}$ (with 2.0kg/m fill weight)

*Radius available upon request. Please consult igus® for delivery time. 1) Radius not available for e-tubes

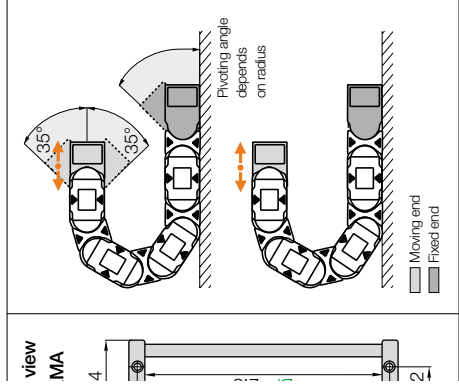
Gliding applications | For travel lengths from 10m to max. 80m



Note: We recommend the project planning of such a system to be carried out by igus®.
In case of travels between 5 and 10m we recommend an e-chain® with a longer unsupported length.

R	063 ¹⁾	075 ¹⁾	100 ¹⁾	125	150	175	200	250 ²⁾	300 ²⁾	350 ²⁾
H ₂	180	204	96	96	96	96	96	—	—	—
D ₂	174	186	370	470	500	655	770	—	—	—
K ₂	310	350	616	784	896	1,120	1,288	—	—	—
ΔCL	—	—	160	210	240	370	460	—	—	—

1) Radius not available for e-tubes 2) Radius not suitable for long travel applications. Please consult igus®.



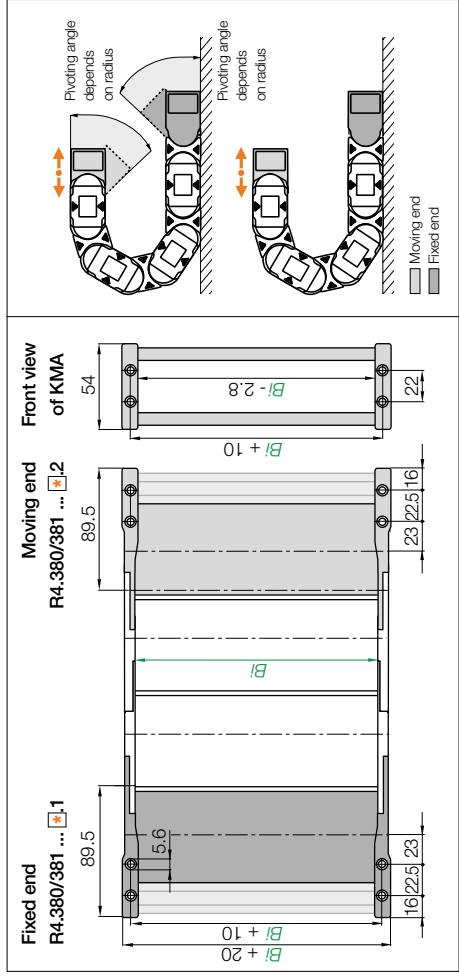
1 gliding applications
and standing applications



KMA pivoting | Recommended for unsupported and gliding applications
KMA locking | Recommended for vertical hanging and standing applications

Part No. full set	Part No. full set	Bi
MA pivoting	KMA locking	[mm]
4.380.225 12 C	E4.381.225 12 C	225
4.380.237 12 C	E4.381.237 12 C	237
4.380.250 12 C	E4.381.250 12 C	250
4.380.262 12 C	E4.381.262 12 C	262
4.380.275 12 C*	E4.381.275 12 C*	275
4.380.287 12 C*	E4.381.287 12 C*	287
4.380.300 12 C	E4.381.300 12 C	300
4.380.312 12 C*	E4.381.312 12 C*	312
4.380.325 12 C*	E4.381.325 12 C*	325
4.380.337 12 C*	E4.381.337 12 C*	337
4.380.350 12 C*	E4.381.350 12 C*	350
4.380.362 12 C*	E4.381.362 12 C*	362
4.380.375 12 C*	E4.381.375 12 C*	375
4.380.387 12 C*	E4.381.387 12 C*	387
4.380.400 12 C*	E4.381.400 12 C*	400

eu/R4.38L

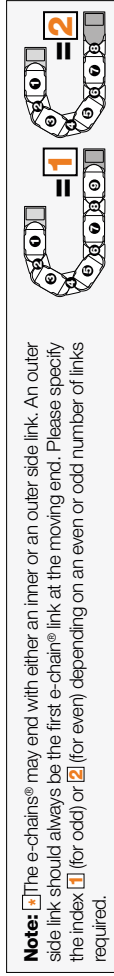


KMA pivoting | Recommended for unsupported and gliding applications
KMA locking | Recommended for vertical hanging and standing applications

Width index	Part No. full set	Bi	Width index	Part No. full set	Bi
	KMA pivoting	[mm]		KMA locking	[mm]
050.	R4.380.050 12 C	050	175.	R4.381.175 12 C	175
075.	R4.380.075 12 C	075	200.	R4.381.200 12 C	200
100.	R4.380.100 12 C	100	250.	R4.381.250 12 C	250
125.	R4.380.125 12 C	125	300.	R4.381.300 12 C*	300
150.	R4.380.150 12 C	150			

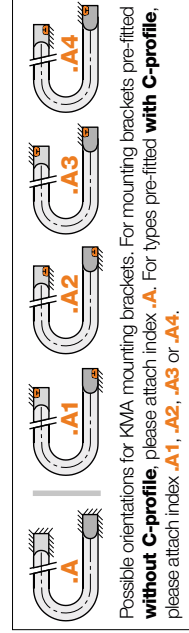
(KMA = polymer metal mounting bracket) For the C-profile option please add index **.C**

*Width available upon request. Delivery time upon request.



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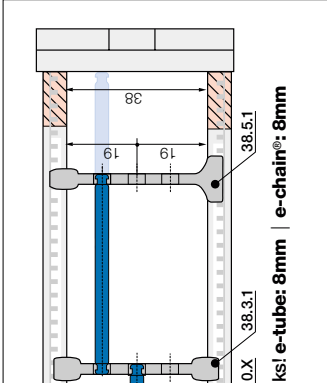


Strain relief e.g. clamps, tie-wrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ► From page 1392

eu/R4.38L



igus 3D CAD, configurators, service life calculation and more ► www.igus.eu/E4.1L



ard - for any application

or with a wide base for maximum holding force.

en faster installation

one side for high holding force, narrow on opposite
easy cable fitting.

all cables

or with a narrow base for a large number of small
ide by side. Saves space.

securely in preset increments

eparator for exact positioning.
needed for side-mounted applications.

ntal separation

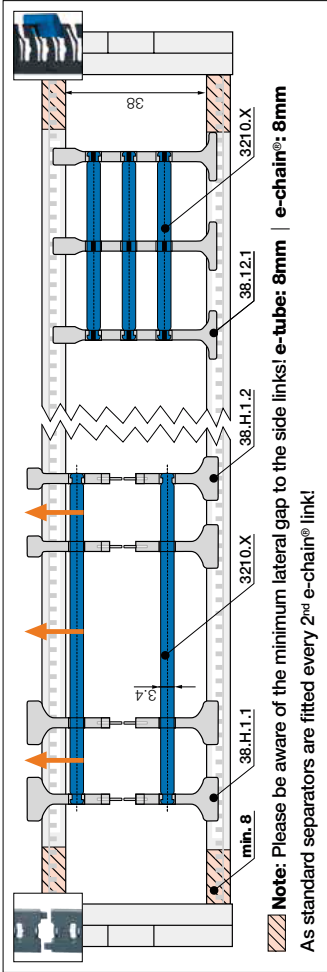
h shelf locks securely into separators at both ends,
ixed width. Can be used as full-width or partial shelf.

assembled	X [mm]	unassembled	assembled
3210.125	225	3200.225	3210.225
3210.150	250	3200.250	3210.250
3210.175			
3210.200			

eu/R4.38L

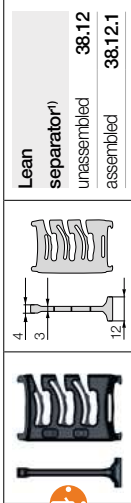
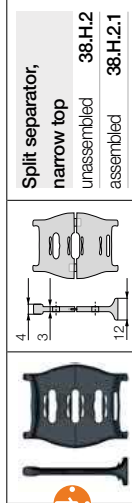
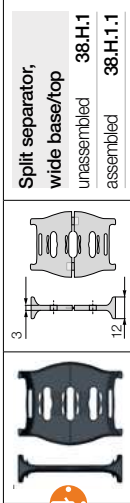


igus 3D CAD, configurators, service life calculation and more ► www.igus.eu/E4.1L



Split separators

In order to fill e-chains® more easily and effectively, these
separators can be split in the middle. This allows easier
access to middle shelf partitions. Fast assembly and easy
retrofit. 2 types available: with wide or narrow top.



Lean separators¹⁾

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®!**

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

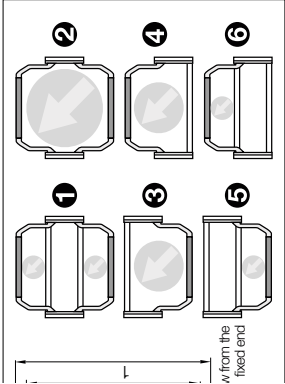


Separator with integrated strain relief teeth

- 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. 38.Z - more information ► From page 1424





for large hoses

tations

Hose Ø ≤ [mm]	Part No. e-chain® with extender crossbar
34	E4.38L.XXXHB48.R.0
122	E4.38L.XXXB48.R.0
78	E4.38L.XXXBE48.R.0
78	E4.38L.XXXBZ48.R.0
34	E4.38L.XXXHBE48.R.0
34	E4.38L.XXXHBZ48.R.0

available upon request. Delivery time upon request

287*1 300 1312*1 325*1 337*1 350*1 362*1 375*1 387*1 400*1

s (R). Example:

inner and outer radius / bend radius (R) 150

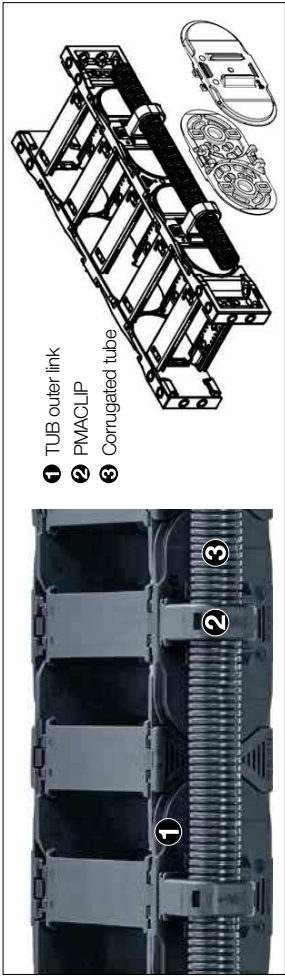


The E4.1L can be fitted with openable extender crossbars, which increase the size of the interior of the e-chain®. Crossbars can be fitted in various ways: from one or both sides, alternating with standard crossbars and or any combination



width

eu/R4.38L



TUB | Safe guidance for corrugated tubes parallel to the e-chain®

- Additional, simple guidance for corrugated tubes on the outside of the e-chain®
- PMACLIP support to be easily clipped on corrugated tubes with nominal widths 07, 10, 12, 17mm
- Easy access to the corrugated tubes, fast replacement of the hoses
- Reduce assembly time and cost - easy to assemble, without any additional screws or tools
- The part number includes the e-chain® with TUB side sections; the PMACLIP support and the hose are ordered separately

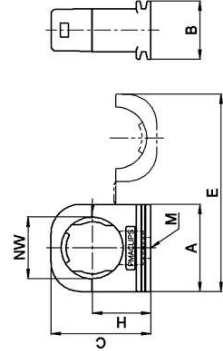
Part No. TUB	Part No. TUB	Part No. TUB	For corrugated tube nominal diameter
Outer link right*	Outer link left*	Outer link at both ends*	Ø [mm]
E4.38L.XXXTUBR.R.0	E4.38L.XXXTUBL.R.0	E4.38L.XXXTUB.R.0	07 / 10 / 12 / 17

*As viewed from the fixed end

Complete Part No. with the width index XXX of B1 and the minimum bend radius (R). Example:

E4.38L.100TUBR.150.0 = with TUB outer sections every 2nd right hand link

Product range | PMACLIP | Support, one-piece, with safety clip



PMACLIP support - one-piece construction with safety clip, suitable for corrugated tubes

Part No.	NW	A	B	C	H	E	M
PMACLIP	Ø [mm]	mm	mm	mm	mm	mm	mm
I-BFH-07-0	07	17.0	20.0	21.5	13.5	40.5	M4
I-BFH-10-0	10	20.5	20.0	24.5	15.5	47.5	M5
I-BFH-12-0	12	24.0	20.0	27.0	16.5	54.5	M5
I-BFH-17-0	17	30.0	20.0	34.0	20.0	68.0	M6

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