

Series E4Q.58 | Crossbars every link (crossbars removable along the inner and outer radius)  
 Series H4Q.58 | Crossbars every 2<sup>nd</sup> link (crossbars removable along the inner and outer radius)

Part No.	Bi	Ba	E4Q.58	H4Q.58	Part No.	Bi	Ba	E4Q.58	H4Q.58
e-chains®	[mm]	[mm]	[kg/m]	[kg/m]	e-chains®	[mm]	[mm]	[kg/m]	[kg/m]
E4Q.58. H4Q.58. 100.R.0	100	134	≈ 3.66	≈ 3.31	E4Q.58. H4Q.58. 362.R.0	362	397	≈ 4.79	≈ 3.88
E4Q.58. H4Q.58. 112.R.0	112	147	≈ 3.72	≈ 3.34	E4Q.58.* H4Q.58.* 375.R.0	375	409	≈ 4.84	≈ 3.90
E4Q.58. H4Q.58. 125.R.0	125	159	≈ 3.75	≈ 3.36	E4Q.58.* H4Q.58.* 387.R.0	387	422	≈ 4.90	≈ 3.93
E4Q.58.* H4Q.58.* 137.R.0	137	172	≈ 3.80	≈ 3.39	E4Q.58.* H4Q.58.* 400.R.0	400	434	≈ 4.95	≈ 3.96
E4Q.58. H4Q.58. 150.R.0	150	184	≈ 3.89	≈ 3.43	E4Q.58.* H4Q.58.* 412.R.0	412	447	≈ 5.01	≈ 3.99
E4Q.58. H4Q.58. 162.R.0	162	197	≈ 3.95	≈ 3.46	E4Q.58.* H4Q.58.* 425.R.0	425	459	≈ 5.07	≈ 4.02
E4Q.58. H4Q.58. 175.R.0	175	209	≈ 3.98	≈ 3.48	E4Q.58.* H4Q.58.* 437.R.0	437	472	≈ 5.12	≈ 4.04
E4Q.58.* H4Q.58.* 187.R.0	187	222	≈ 4.02	≈ 3.50	E4Q.58.* H4Q.58.* 450.R.0	450	484	≈ 5.17	≈ 4.07
E4Q.58. H4Q.58. 200.R.0	200	234	≈ 4.14	≈ 3.55	E4Q.58.* H4Q.58.* 462.R.0	462	497	≈ 5.22	≈ 4.10
E4Q.58. H4Q.58. 212.R.0	212	247	≈ 4.19	≈ 3.58	E4Q.58.* H4Q.58.* 475.R.0	475	509	≈ 5.28	≈ 4.12
E4Q.58.* H4Q.58.* 225.R.0	225	259	≈ 4.21	≈ 3.59	E4Q.58.* H4Q.58.* 487.R.0	487	522	≈ 5.34	≈ 4.15
E4Q.58. H4Q.58. 237.R.0	237	272	≈ 4.24	≈ 3.61	E4Q.58.* H4Q.58.* 500.R.0	500	534	≈ 5.39	≈ 4.18
E4Q.58. H4Q.58. 250.R.0	250	284	≈ 4.30	≈ 3.63	E4Q.58.* H4Q.58.* 512.R.0	512	547	≈ 5.44	≈ 4.21
E4Q.58. H4Q.58. 262.R.0	262	297	≈ 4.33	≈ 3.65	E4Q.58.* H4Q.58.* 525.R.0	525	559	≈ 5.50	≈ 4.23
E4Q.58. H4Q.58. 275.R.0	275	309	≈ 4.41	≈ 3.69	E4Q.58.* H4Q.58.* 537.R.0	537	572	≈ 5.55	≈ 4.26
E4Q.58.* H4Q.58.* 287.R.0	287	322	≈ 4.44	≈ 3.71	E4Q.58.* H4Q.58.* 550.R.0	550	584	≈ 5.61	≈ 4.29
E4Q.58. H4Q.58. 300.R.0	300	334	≈ 4.52	≈ 3.74	E4Q.58.* H4Q.58.* 562.R.0	562	597	≈ 5.65	≈ 4.31
E4Q.58.* H4Q.58.* 312.R.0	312	347	≈ 4.57	≈ 3.77	E4Q.58.* H4Q.58.* 575.R.0	575	609	≈ 5.70	≈ 4.33
E4Q.58.* H4Q.58.* 325.R.0	325	359	≈ 4.63	≈ 3.80	E4Q.58.* H4Q.58.* 587.R.0	587	622	≈ 5.74	≈ 4.35
E4Q.58. H4Q.58. 337.R.0	337	372	≈ 4.68	≈ 3.82	E4Q.58.* H4Q.58.* 600.R.0	600	634	≈ 5.81	≈ 4.39
E4Q.58.* H4Q.58.* 350.R.0	350	384	≈ 4.73	≈ 3.85					

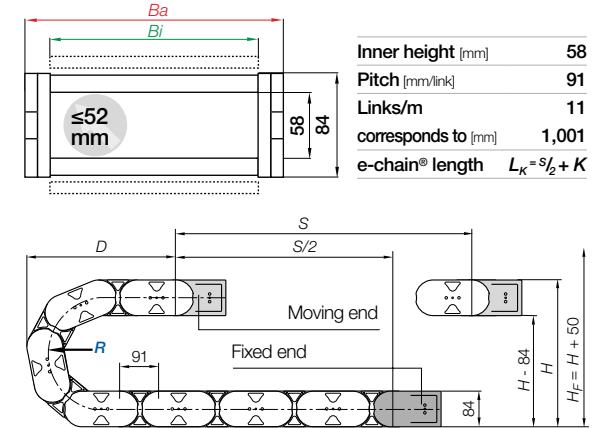
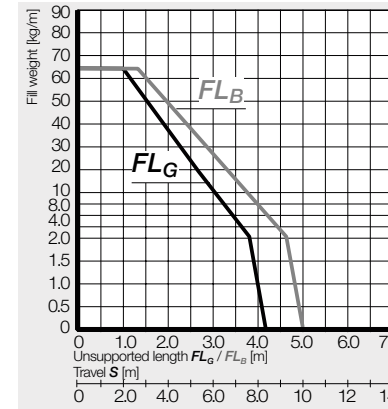
\*Width available upon request. Please consult igus® for delivery time.

Available bend radii

R [mm] | 135 | 150 | 175 | 200 | 240 | 250 | 300 | 350 | 400 | 450 | 500 |

Complete Part No. with required radius (R). Example:

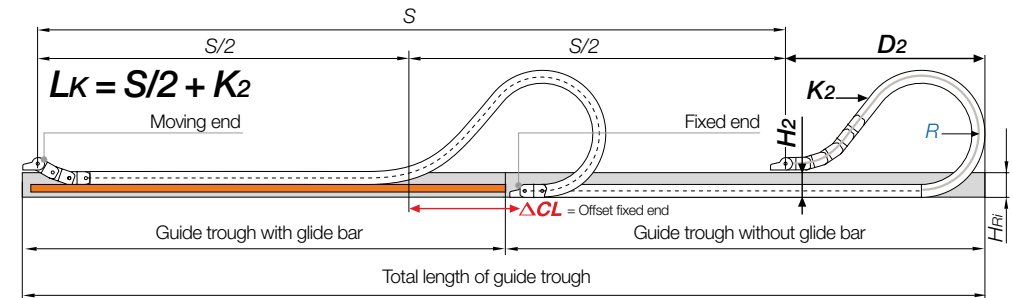
E4Q.58.100.135.0 = crossbars every link / E4Q.58.100.135.0 = crossbars every 2<sup>nd</sup> link



R	135	150	175	200	240	250	300	350	400	450	500
H <sub>25</sub>	354	384	434	484	564	584	684	784	884	984	1084
D	314	329	354	379	419	429	479	529	579	629	679
K	610	655	735	815	940	970	1,125	1,285	1,440	1,600	1,755

The required clearance height: H<sub>F</sub> = H + 50mm (with 3.0kg/m fill weight)

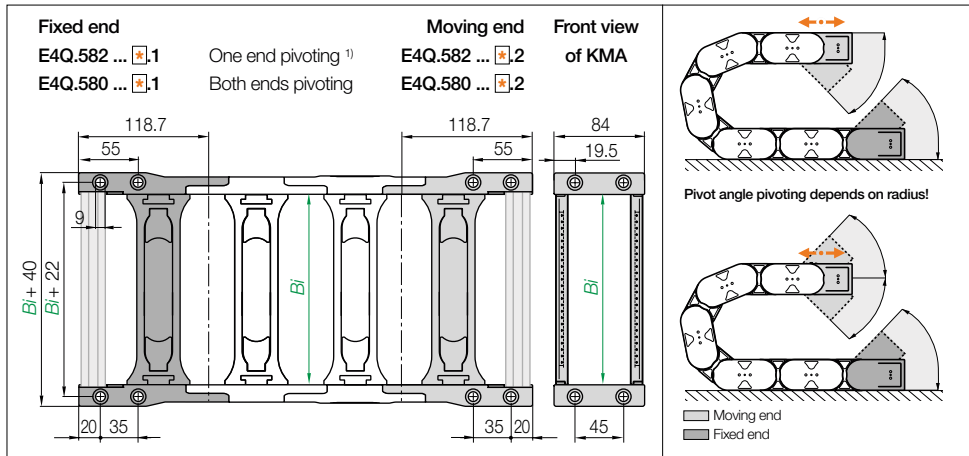
Gliding applications | For travel lengths from 12m to max. 400m



Note: We recommend the project planning of such a system to be carried out by igus®.

In case of travels between 10 and 12m we recommend an e-chain® with a longer unsupported length.

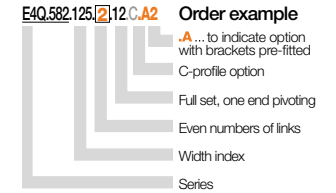
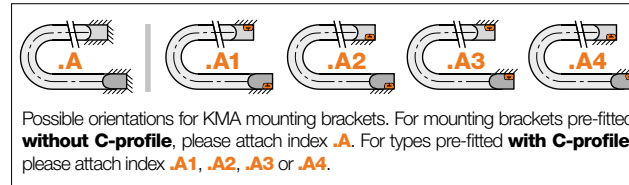
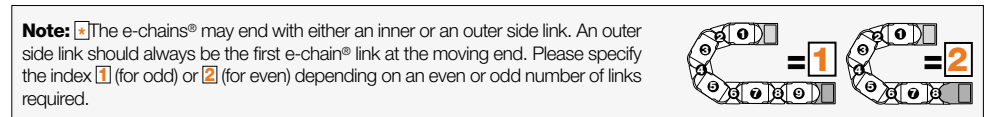
R	135	150	175	200	240	250	300	350	400	450	500
H <sub>2</sub>	270	266	266	266	266	266	266	266	266	266	266
D <sub>2</sub> <sup>+25</sup>	268	450	580	710	900	980	1,180	1,440	1,530	1,700	1,850
K <sub>2</sub>	610	819	1,092	1,274	1,547	1,638	2,002	2,275	2,548	2,912	3,276
ΔCL	-	159	259	359	509	559	709	909	959	1,059	1,159



One end pivoting 1) | Recommended for unsupported, vertical hanging, standing applications  
 Both ends pivoting | Recommended for gliding applications

Part No. KMA full set				Part No. KMA full set			
Width index	One end pivoting 1)	Both ends pivoting	Bi [mm]	Width index	One end pivoting 1)	Both ends pivoting	Bi [mm]
100.	E4Q.582.100 [1].12.C	E4Q.580.100 [1].12.C	100	362.	E4Q.582.362 [1].12.C	E4Q.580.362 [1].12.C	362
112.	E4Q.582.112 [1].12.C	E4Q.580.112 [1].12.C	112	375.	E4Q.582.375 [1].12.C**	E4Q.580.375 [1].12.C**	375
125.	E4Q.582.125 [1].12.C	E4Q.580.125 [1].12.C	125	387.	E4Q.582.387 [1].12.C**	E4Q.580.387 [1].12.C**	387
137.	E4Q.582.137 [1].12.C**	E4Q.580.137 [1].12.C**	137	400.	E4Q.582.400 [1].12.C**	E4Q.580.400 [1].12.C**	400
150.	E4Q.582.150 [1].12.C	E4Q.580.150 [1].12.C	150	412.	E4Q.582.412 [1].12.C**	E4Q.580.412 [1].12.C**	412
162.	E4Q.582.162 [1].12.C	E4Q.580.162 [1].12.C	162	425.	E4Q.582.425 [1].12.C**	E4Q.580.425 [1].12.C**	425
175.	E4Q.582.175 [1].12.C	E4Q.580.175 [1].12.C	175	437.	E4Q.582.437 [1].12.C**	E4Q.580.437 [1].12.C**	437
187.	E4Q.582.187 [1].12.C**	E4Q.580.187 [1].12.C**	187	450.	E4Q.582.450 [1].12.C**	E4Q.580.450 [1].12.C**	450
200.	E4Q.582.200 [1].12.C	E4Q.580.200 [1].12.C	200	462.	E4Q.582.462 [1].12.C**	E4Q.580.462 [1].12.C**	462
212.	E4Q.582.212 [1].12.C	E4Q.580.212 [1].12.C	212	475.	E4Q.582.475 [1].12.C**	E4Q.580.475 [1].12.C**	475
225.	E4Q.582.225 [1].12.C**	E4Q.580.225 [1].12.C**	225	487.	E4Q.582.487 [1].12.C**	E4Q.580.487 [1].12.C**	487
237.	E4Q.582.237 [1].12.C	E4Q.580.237 [1].12.C	237	500.	E4Q.582.500 [1].12.C**	E4Q.580.500 [1].12.C**	500
250.	E4Q.582.250 [1].12.C	E4Q.580.250 [1].12.C	250	512.	E4Q.582.512 [1].12.C**	E4Q.580.512 [1].12.C**	512
262.	E4Q.582.262 [1].12.C	E4Q.580.262 [1].12.C	262	525.	E4Q.582.525 [1].12.C**	E4Q.580.525 [1].12.C**	525
275.	E4Q.582.275 [1].12.C	E4Q.580.275 [1].12.C	275	537.	E4Q.582.537 [1].12.C**	E4Q.580.537 [1].12.C**	537
287.	E4Q.582.287 [1].12.C**	E4Q.580.287 [1].12.C**	287	550.	E4Q.582.550 [1].12.C**	E4Q.580.550 [1].12.C**	550
300.	E4Q.582.300 [1].12.C	E4Q.580.300 [1].12.C	300	562.	E4Q.582.562 [1].12.C**	E4Q.440.562 [1].12.C**	562
312.	E4Q.582.312 [1].12.C**	E4Q.580.312 [1].12.C**	312	575.	E4Q.582.575 [1].12.C**	E4Q.580.575 [1].12.C**	575
325.	E4Q.582.325 [1].12.C**	E4Q.580.325 [1].12.C**	325	587.	E4Q.582.587 [1].12.C**	E4Q.580.587 [1].12.C**	587
337.	E4Q.582.337 [1].12.C	E4Q.580.337 [1].12.C	337	600.	E4Q.582.600 [1].12.C**	E4Q.580.600 [1].12.C**	600
350.	E4Q.582.350 [1].12.C**	E4Q.580.350 [1].12.C**	350				

1) One end pivoting - standard for E4Q mounting brackets. For the C-profile option please add index .C.  
 \*\*Width available upon request. Please consult igus® for delivery time. (KMA = polymer metal mounting bracket)



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

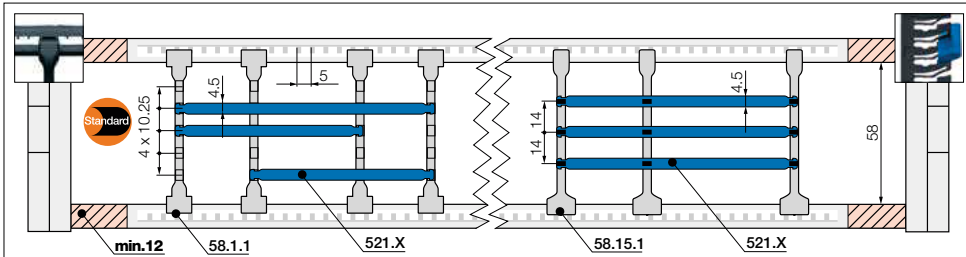
**Steel support tray for support of the lower run**

- Simple one-piece support trays for the lower run
- To your requirements and specification
- 4 options available

More information ► From page 1356



More strength with less weight. Tested at the igus® lab



**Note:** Please be aware of the minimum lateral gap to the side links! **e-chain®: 12mm**  
As standard separators are fitted every 2<sup>nd</sup> e-chain® link!

		<b>Standard separator, wide base</b> unassembled <b>58.1</b> assembled <b>58.1.1</b>
		<b>Lean notch separator<sup>1)</sup></b> unassembled <b>58.15</b> assembled <b>58.15.1</b>
		<b>Shelf, lockable</b> unassembled <b>520.X</b> assembled <b>521.X</b>

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

**Lean notch separators<sup>1)</sup>**  
For quick fitting of shelves in several layers. Snaps securely into the crossbar in 5mm steps to be positioned securely.

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

**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**

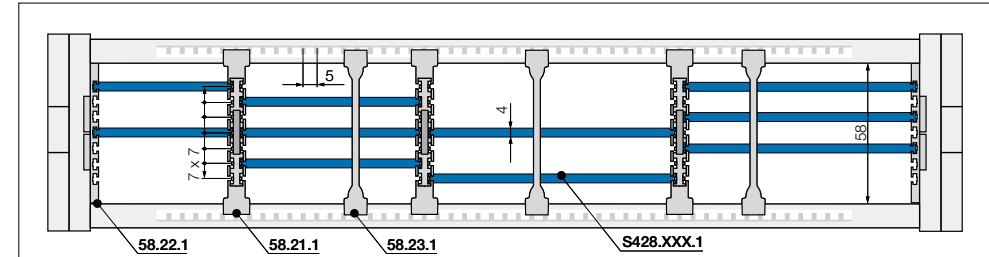
Width = X [mm]

X [mm]	unassembled	assembled	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled
050	520.050	521.050	150	520.150	521.150	300	520.300	521.300
065	520.065	521.065	175	520.175	521.175	350	520.350	521.350
075	520.075	521.075	200	520.200	521.200	375	520.375	520.375
100	520.100	521.100	225	520.225	521.225	387	520.387	520.387
125	520.125	521.125	250	520.250	521.250	450	520.450	521.450

**Lean notch separator design principle | For even faster filling**

With the lean notch separator you can quickly insert several layers of cables into the e-chain® and reduce the installation time by up to 50%<sup>2)</sup>.

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



No lateral gap to side links necessary.  
As standard separators are fitted every 2<sup>nd</sup> e-chain® link!

		<b>Universal middle plate</b> unassembled <b>58.21</b> assembled <b>58.21.1</b>
		<b>Universal side plate</b> unassembled <b>58.22</b> assembled <b>58.22.1</b>
		<b>Separator</b> unassembled <b>58.23</b> assembled <b>58.23.1</b>
		<b>Shelf</b> unassembled <b>S428.XXX</b> assembled <b>S428.XXX.1</b>

**Universal middle plates**  
The shelves can be inserted from both sides. The shelves are locked in place by means of the integrated slider and additionally when the crossbar is fitted. For unlocking, the crossbar must be removed - on the inner or outer radius.

**Universal side plates**  
Allow modular shelving right up to the side links. Shelves can be inserted from both sides.

**Separators for universal interior separation**  
For additional vertical partitioning of the shelf system. When using the separator, the shelves can only be removed in one direction.

**Shelves for universal interior separation**  
Shelves of various widths can be arranged in steps of 7mm.

**Shelves**

Width = XXX [mm]

XXX [mm]	unassembled	assembled	XXX [mm]	unassembled	assembled	XXX [mm]	unassembled	assembled
018 <sup>1)</sup>	S428.018	S428.018.1	050 <sup>1)</sup>	S428.050	S428.050.1	108 <sup>*</sup>	S428.108	S428.108.1
023 <sup>*</sup>	S428.023	S428.023.1	054 <sup>*</sup>	S428.054	S428.054.1	125 <sup>*</sup>	S428.125	S428.125.1
025 <sup>*</sup>	S428.025	S428.025.1	062 <sup>1)</sup>	S428.062	S428.062.1	150 <sup>*</sup>	S428.150	S428.150.1
028 <sup>*</sup>	S428.028	S428.028.1	075 <sup>1)</sup>	S428.075	S428.075.1	175 <sup>*</sup>	S428.175	S428.175.1
033 <sup>*</sup>	S428.033	S428.033.1	087 <sup>*</sup>	S428.087	S428.087.1	200 <sup>*</sup>	S428.200	S428.200.1
043 <sup>*</sup>	S428.043	S428.043.1	100 <sup>1)</sup>	S428.100	S428.100.1	208 <sup>*</sup>	S428.208	S428.208.1

<sup>\*</sup>Width available upon request. Please consult igus® for delivery time. <sup>1)</sup> Width available from spring 2021.