



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

Part No. e-chains®	Bi [mm]	Ba [mm]	E4Q.58 [kg/m]	H4Q.58 [kg/m]
E4Q.58. H4Q.58. 100.R.0	100	134	≈ 3.66	≈ 3.31
E4Q.58. H4Q.58. 112.R.0	112	147	≈ 3.72	≈ 3.34
E4Q.58. H4Q.58. 125.R.0	125	159	≈ 3.75	≈ 3.36
E4Q.58.* H4Q.58.* 137.R.0	137	172	≈ 3.80	≈ 3.39
E4Q.58. H4Q.58. 150.R.0	150	184	≈ 3.89	≈ 3.43
E4Q.58. H4Q.58. 162.R.0	162	197	≈ 3.95	≈ 3.46
E4Q.58. H4Q.58. 175.R.0	175	209	≈ 3.98	≈ 3.48
E4Q.58.* H4Q.58.* 187.R.0	187	222	≈ 4.02	≈ 3.50
E4Q.58. H4Q.58. 200.R.0	200	234	≈ 4.14	≈ 3.55
E4Q.58. H4Q.58. 212.R.0	212	247	≈ 4.19	≈ 3.58
E4Q.58.* H4Q.58.* 225.R.0	225	259	≈ 4.21	≈ 3.59
E4Q.58. H4Q.58. 237.R.0	237	272	≈ 4.24	≈ 3.61
E4Q.58. H4Q.58. 250.R.0	250	284	≈ 4.30	≈ 3.63
E4Q.58. H4Q.58. 262.R.0	262	297	≈ 4.33	≈ 3.65
E4Q.58. H4Q.58. 275.R.0	275	309	≈ 4.41	≈ 3.69
E4Q.58.* H4Q.58.* 287.R.0	287	322	≈ 4.44	≈ 3.71
E4Q.58. H4Q.58. 300.R.0	300	334	≈ 4.52	≈ 3.74
E4Q.58.* H4Q.58.* 312.R.0	312	347	≈ 4.57	≈ 3.77
E4Q.58.* H4Q.58.* 325.R.0	325	359	≈ 4.63	≈ 3.80
E4Q.58. H4Q.58. 337.R.0	337	372	≈ 4.68	≈ 3.82
E4Q.58.* H4Q.58.* 350.R.0	350	384	≈ 4.73	≈ 3.85

Part No. e-chains®	Bi [mm]	Ba [mm]	E4Q.58 [kg/m]	H4Q.58 [kg/m]
E4Q.58. H4Q.58. 362.R.0	362	397	≈ 4.79	≈ 3.88
E4Q.58.* H4Q.58.* 375.R.0	375	409	≈ 4.84	≈ 3.90
E4Q.58.* H4Q.58.* 387.R.0	387	422	≈ 4.90	≈ 3.93
E4Q.58.* H4Q.58.* 400.R.0	400	434	≈ 4.95	≈ 3.96
E4Q.58.* H4Q.58.* 412.R.0	412	447	≈ 5.01	≈ 3.99
E4Q.58.* H4Q.58.* 425.R.0	425	459	≈ 5.07	≈ 4.02
E4Q.58.* H4Q.58.* 437.R.0	437	472	≈ 5.12	≈ 4.04
E4Q.58.* H4Q.58.* 450.R.0	450	484	≈ 5.17	≈ 4.07
E4Q.58.* H4Q.58.* 462.R.0	462	497	≈ 5.22	≈ 4.10
E4Q.58.* H4Q.58.* 475.R.0	475	509	≈ 5.28	≈ 4.12
E4Q.58.* H4Q.58.* 487.R.0	487	522	≈ 5.34	≈ 4.15
E4Q.58.* H4Q.58.* 500.R.0	500	534	≈ 5.39	≈ 4.18
E4Q.58.* H4Q.58.* 512.R.0	512	547	≈ 5.44	≈ 4.21
E4Q.58.* H4Q.58.* 525.R.0	525	559	≈ 5.50	≈ 4.23
E4Q.58.* H4Q.58.* 537.R.0	537	572	≈ 5.55	≈ 4.26
E4Q.58.* H4Q.58.* 550.R.0	550	584	≈ 5.61	≈ 4.29
E4Q.58.* H4Q.58.* 562.R.0	562	597	≈ 5.65	≈ 4.31
E4Q.58.* H4Q.58.* 575.R.0	575	609	≈ 5.70	≈ 4.33
E4Q.58.* H4Q.58.* 587.R.0	587	622	≈ 5.74	≈ 4.35
E4Q.58.* H4Q.58.* 600.R.0	600	634	≈ 5.81	≈ 4.39

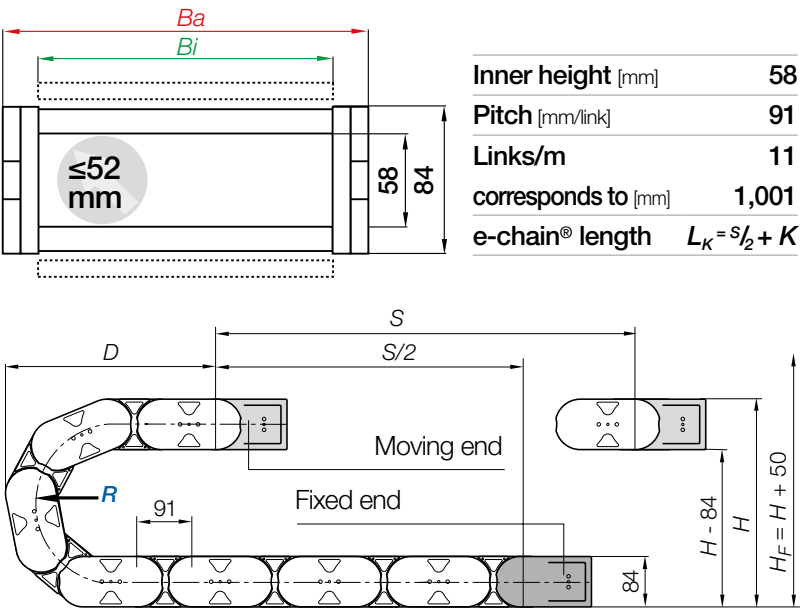
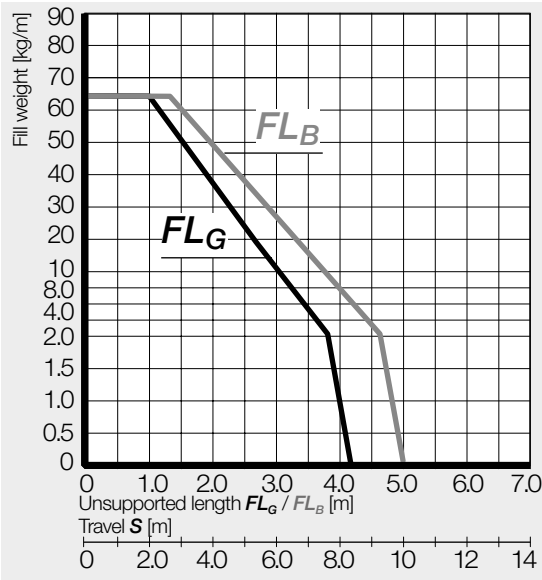
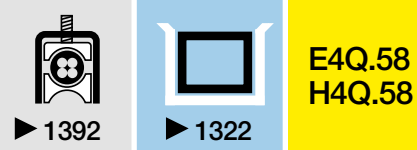
*Width available upon request. Please consult igus® for delivery time.

Available bend radii

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

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

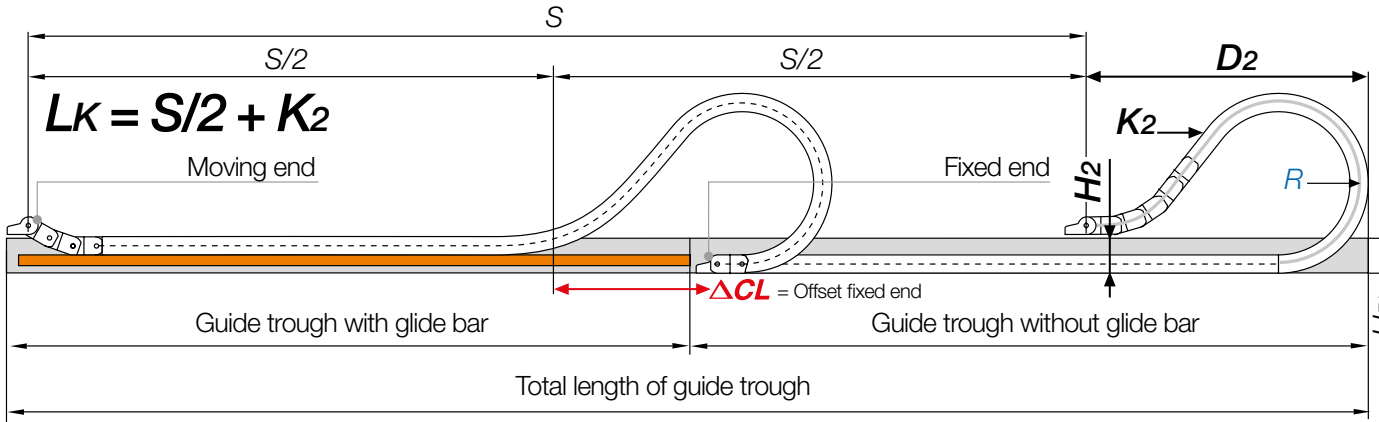
E4Q.58.100.135.0 = crossbars every link / E4Q.58.100.135.0 = crossbars every 2nd link



R	135	150	175	200	240	250	300	350	400	450	500
H ₂₅ ⁻⁰	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

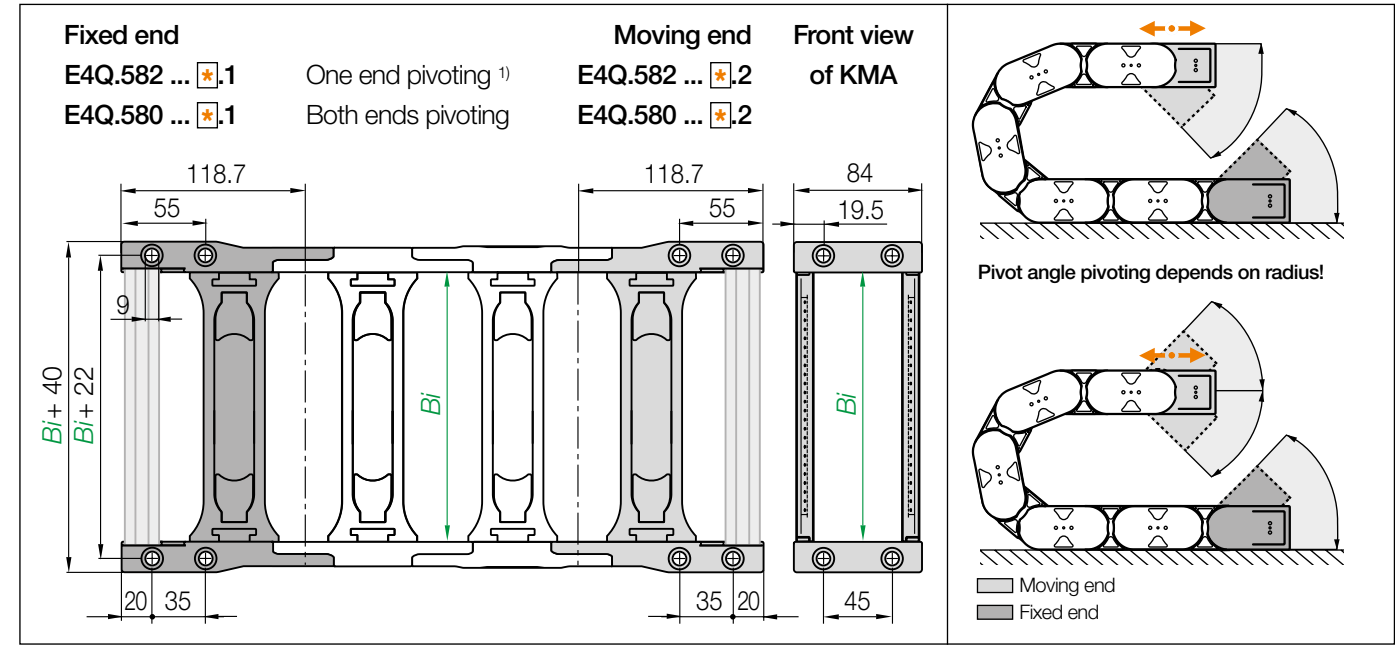
The required clearance height: $H_F = H + 50\text{mm}$ (with 3.0kg/m fill weight)

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 ₂	270	266	266	266	266	266	266	266	266	266	266
D ₂₅ ⁺²⁵	268	450	580	710	900	980	1,180	1,440	1,530	1,700	1,850
K ₂	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



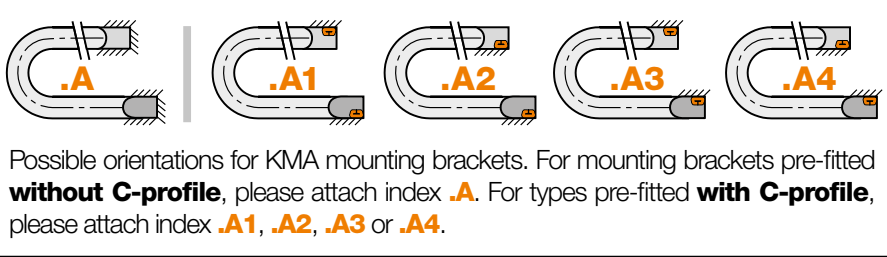
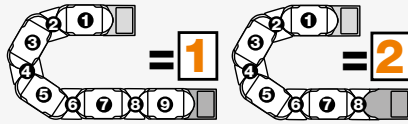
One end pivoting ¹⁾ | Recommended for unsupported, vertical hanging, standing applications
Both ends pivoting | Recommended for gliding applications

Part No. KMA full set			
Width index	One end pivoting ¹⁾	Both ends pivoting	<i>Bi</i> [mm]
100. ▶	E4Q.582.100 .12.C	E4Q.580.100 .12.C	100
112. ▶	E4Q.582.112 .12.C	E4Q.580.112 .12.C	112
125. ▶	E4Q.582.125 .12.C	E4Q.580.125 .12.C	125
137. ▶	E4Q.582.137 .12.C**	E4Q.580.137 .12.C**	137
150. ▶	E4Q.582.150 .12.C	E4Q.580.150 .12.C	150
162. ▶	E4Q.582.162 .12.C	E4Q.580.162 .12.C	162
175. ▶	E4Q.582.175 .12.C	E4Q.580.175 .12.C	175
187. ▶	E4Q.582.187 .12.C**	E4Q.580.187 .12.C**	187
200. ▶	E4Q.582.200 .12.C	E4Q.580.200 .12.C	200
212. ▶	E4Q.582.212 .12.C	E4Q.580.212 .12.C	212
225. ▶	E4Q.582.225 .12.C**	E4Q.580.225 .12.C**	225
237. ▶	E4Q.582.237 .12.C	E4Q.580.237 .12.C	237
250. ▶	E4Q.582.250 .12.C	E4Q.580.250 .12.C	250
262. ▶	E4Q.582.262 .12.C	E4Q.580.262 .12.C	262
275. ▶	E4Q.582.275 .12.C	E4Q.580.275 .12.C	275
287. ▶	E4Q.582.287 .12.C**	E4Q.580.287 .12.C**	287
300. ▶	E4Q.582.300 .12.C	E4Q.580.300 .12.C	300
312. ▶	E4Q.582.312 .12.C**	E4Q.580.312 .12.C**	312
325. ▶	E4Q.582.325 .12.C**	E4Q.580.325 .12.C**	325
337. ▶	E4Q.582.337 .12.C	E4Q.580.337 .12.C	337
350. ▶	E4Q.582.350 .12.C**	E4Q.580.350 .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)

Note: The e-chains® may end with either an inner or an outer side link. An outer side link should always be the first e-chain® link at the moving end. Please specify the index **1** (for odd) or **2** (for even) depending on an even or odd number of links required.



Possible orientations for KMA mounting brackets. For mounting brackets pre-fitted **without C-profile**, please attach index **.A**. For types pre-fitted **with C-profile**, please attach index **.A1**, **.A2**, **.A3** or **.A4**.

E4Q.582.125 .12.C **.A2** Order example
.A... to indicate option with brackets pre-fitted
C-profile option
Full set, one end pivoting
Even numbers of links
Width index
Series

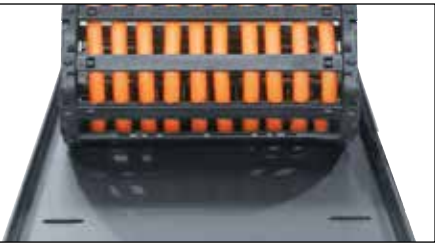


Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392

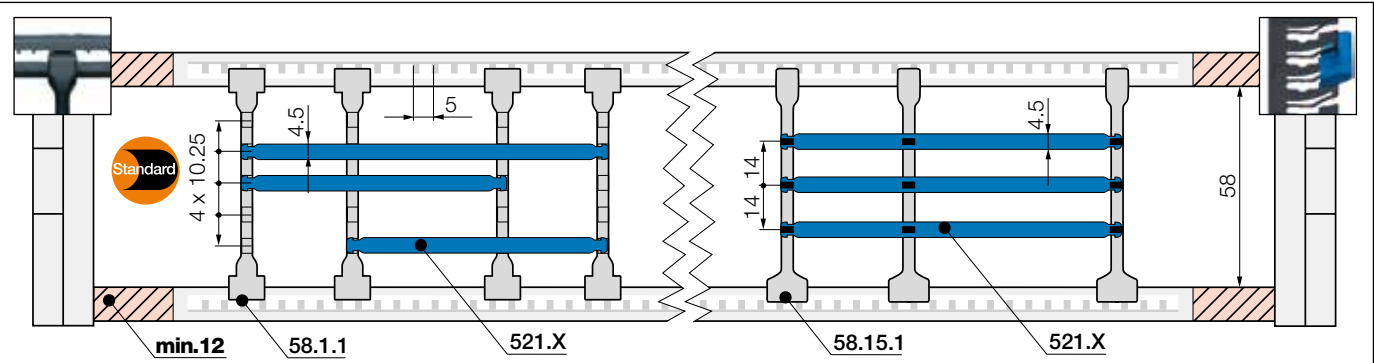
Steel support tray for support of the lower run

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

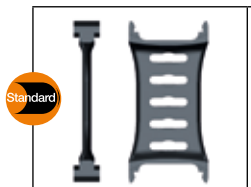
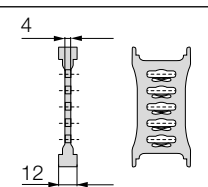
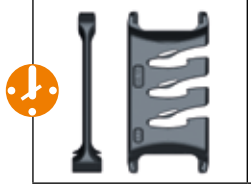
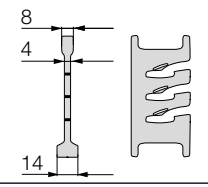
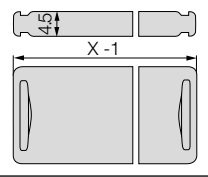
More information ▶ From page 1356



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 2nd e-chain® link!

		Standard separator, wide base unassembled 58.1 assembled 58.1.1
		Lean notch separator¹⁾ unassembled 58.15 assembled 58.15.1
		Shelf, lockable unassembled 520.X assembled 521.X

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

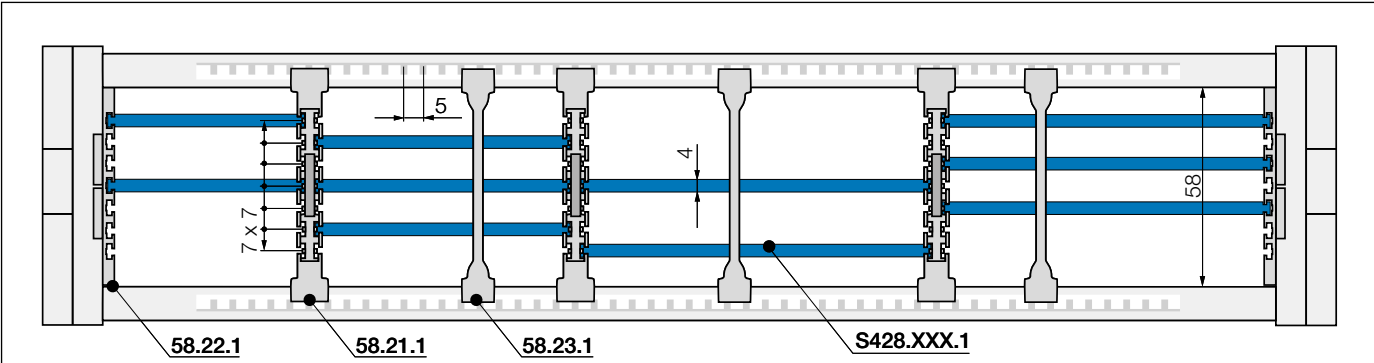
Lean notch separators¹⁾
For quick fitting of shelves in several layers. Snaps securely into the crossbar in 5mm steps to be positioned securely.
1) Note: Please combine maximum 4 lean separators with one shelf.
Not suitable for side-mounted e-chains®!

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.

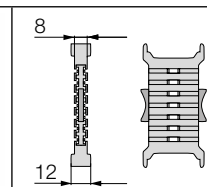
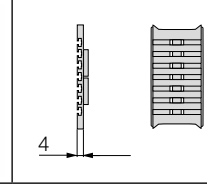
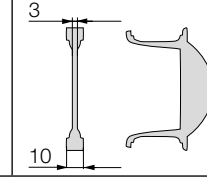
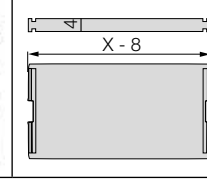
Shelves	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled
Width = X [mm]	050	520.050	521.050	150	520.150	521.150	300	520.300	521.300
	065	520.065	521.065	175	520.175	521.175	350	520.350	521.350
	075	520.075	521.075	200	520.200	521.200	375	520.375	520.375
	100	520.100	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%²⁾.
2) 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 2nd e-chain® link!

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

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

*Width available upon request. Please consult igus® for delivery time. 1) Width available from spring 2021.