



Series E4Q.44 | Crossbars every link (crossbars removable along the inner and outer radius)
Series H4Q.44 | Crossbars every 2nd link (crossbars removable along the inner and outer radius)

Part No. e-chains®	Bi [mm]	Ba [mm]	E4Q.44 [kg/m]	H4Q.44 [kg/m]
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 075.R.0	75	101	≈ 1.61	1.43
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 087.R.0	87	114	≈ 1.65	≈ 1.45
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 100.R.0	100	126	≈ 1.70	≈ 1.47
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 108.R.0	108	134	≈ 1.73	≈ 1.49
E4Q.44.* H4Q.44.* 112.R.0	112	139	≈ 1.74	≈ 1.49
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 125.R.0	125	151	≈ 1.79	≈ 1.52
E4Q.44.* H4Q.44.* 137.R.0	137	164	≈ 1.83	≈ 1.54
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 150.R.0	150	176	≈ 1.96	≈ 1.60
E4Q.44.* H4Q.44.* 162.R.0	162	189	≈ 2.00	≈ 1.63
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 168.R.0	168	194	≈ 2.03	≈ 1.64
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 175.R.0	175	201	≈ 2.06	≈ 1.65
E4Q.44.* H4Q.44.* 187.R.0	187	214	≈ 2.10	≈ 1.67
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 200.R.0	200	226	≈ 2.15	≈ 1.70
E4Q.44.* H4Q.44.* 212.R.0	212	239	≈ 2.19	≈ 1.72
E4Q.44.* H4Q.44.* 225.R.0	225	251	≈ 2.24	≈ 1.74

Part No. e-chains®	Bi [mm]	Ba [mm]	E4Q.44 [kg/m]	H4Q.44 [kg/m]
E4Q.44.* H4Q.44.* 237.R.0	237	264	≈ 2.28	≈ 1.76
E4Q.44. ¹⁾ H4Q.44. ¹⁾ 250.R.0	250	276	≈ 2.32	≈ 1.78
E4Q.44.* H4Q.44.* 262.R.0	262	289	≈ 2.36	≈ 1.81
E4Q.44.* H4Q.44.* 275.R.0	275	301	≈ 2.41	≈ 1.83
E4Q.44.* H4Q.44.* 287.R.0	287	314	≈ 2.46	≈ 1.85
E4Q.44.* H4Q.44.* 300.R.0	300	326	≈ 2.51	≈ 1.88
E4Q.44.* H4Q.44.* 312.R.0	312	339	≈ 2.55	≈ 1.90
E4Q.44.* H4Q.44.* 325.R.0	325	351	≈ 2.60	≈ 1.92
E4Q.44.* H4Q.44.* 337.R.0	337	364	≈ 2.64	≈ 1.94
E4Q.44.* H4Q.44.* 350.R.0	350	376	≈ 2.69	≈ 1.97
E4Q.44.* H4Q.44.* 362.R.0	362	389	≈ 2.73	≈ 1.99
E4Q.44.* H4Q.44.* 375.R.0	375	401	≈ 2.78	≈ 2.01
E4Q.44.* H4Q.44.* 387.R.0	387	414	≈ 2.82	≈ 2.03
E4Q.44.* H4Q.44.* 400.R.0	400	426	≈ 2.90	≈ 2.08

*Width available upon request. Available upon request. 1) Width available from spring 2021. 2) Radius available from spring 2021.

Available bend radii

R [mm] | 075²⁾ | 100²⁾ | 115²⁾ | 125²⁾ | 150²⁾ | 160²⁾ | 175²⁾ | 200²⁾ | 250²⁾ | 300²⁾ | 350²⁾ |

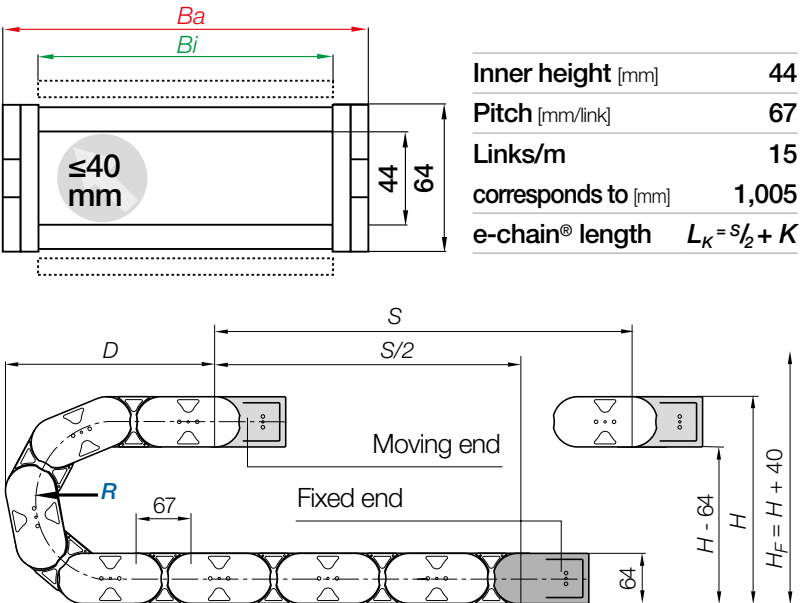
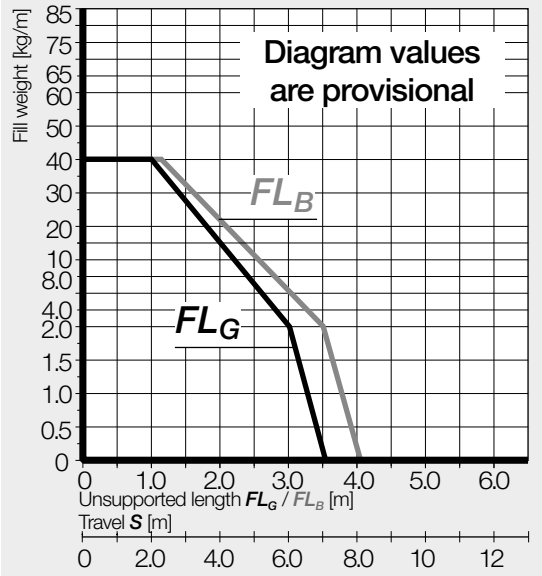
Complete Part No. with required radius (R). Example:

E4Q.44.150.150.0 = crossbars every link / E4Q.44.150.150.0 = crossbars every 2nd link

► 1392

► 1320

E4Q.44
H4Q.44

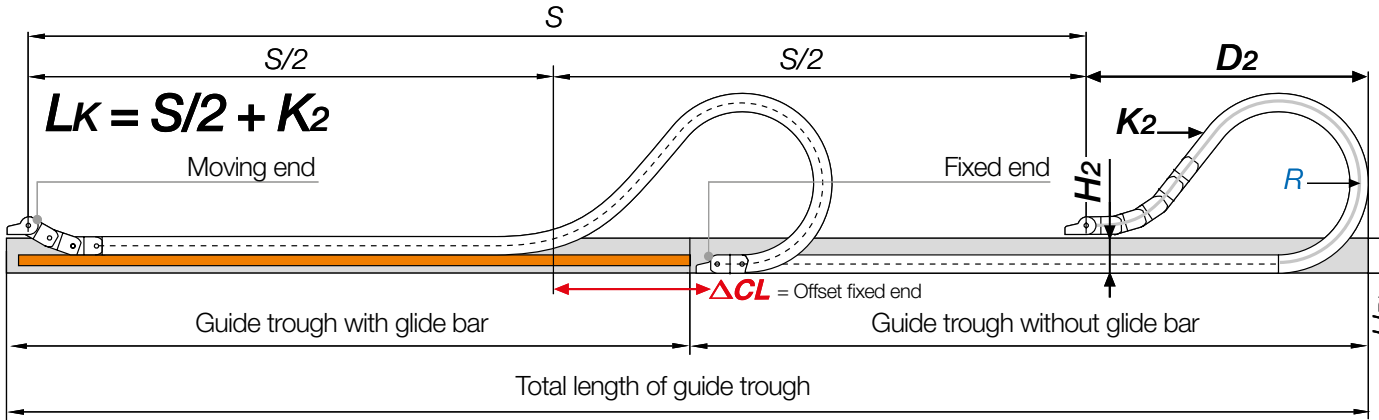


R	075 ²⁾	100 ²⁾	115 ²⁾	125 ²⁾	150 ²⁾	160 ²⁾	175 ²⁾	200 ²⁾	250 ²⁾	300 ²⁾	350 ²⁾
H ₂₅ ²⁾	214	264	294	314	364	384	414	464	564	664	764
D	208	233	248	258	283	293	308	333	383	433	483
K	370	450	500	530	610	640	685	765	920	1,080	1,235

The required clearance height: $H_F = H + 40\text{mm}$ (with 3.0kg/m fill weight)

2) Radius available from spring 2021.

Gliding applications | For travel lengths from 12m to max. 300m

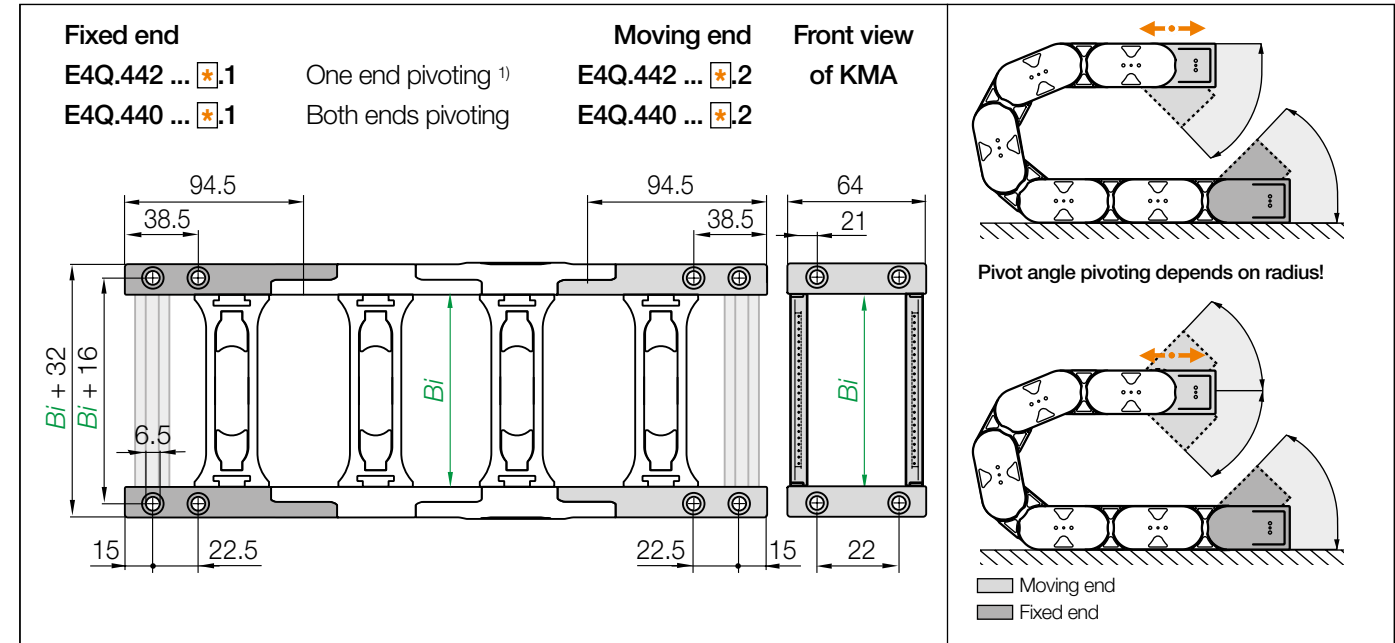


Note: We recommend the project planning of such a system to be carried out by igus®.

In case of travels between 8 and 12m we recommend an e-chain® with a longer unsupported length.

R	075 ²⁾	100 ²⁾	115 ²⁾	125 ²⁾	150 ²⁾	160 ²⁾	175 ²⁾	200 ²⁾	250 ²⁾	300 ²⁾	350 ²⁾
H ₂	150	186	186	186	186	186	186	186	186	186	186
D ₂₅ ²⁾	174	390	435	475	570	620	675	780	1,030	1,150	1,500
K ₂	370	603	737	804	938	1,072	1,139	1,340	1,675	1,943	2,412
ΔCL	–	170	200	230	300	340	380	460	660	730	1,030

2) Radius available from spring 2021.



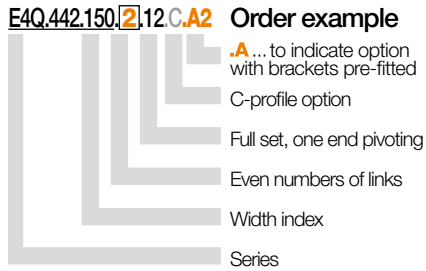
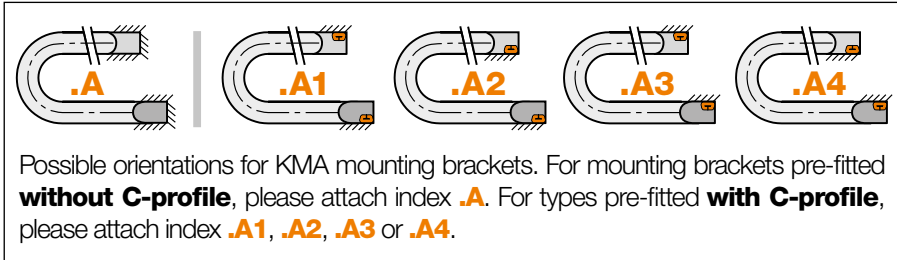
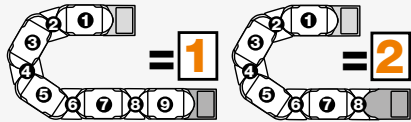
One end pivoting ¹⁾ | Recommended for unsupported, vertical hanging, standing applications
Both ends pivoting | Recommended for gliding applications

Part No. KMA full set			
Width index	One end pivoting ¹⁾	Both ends pivoting	Bi [mm]
075. ▶	E4Q.442.075 .12.C ²⁾	E4Q.440.075 .12.C ²⁾	75
087. ▶	E4Q.442.087 .12.C ²⁾	E4Q.440.087 .12.C ²⁾	87
100. ▶	E4Q.442.100 .12.C ²⁾	E4Q.440.100 .12.C ²⁾	100
108. ▶	E4Q.442.108 .12.C ²⁾	E4Q.440.108 .12.C ²⁾	108
112. ▶	E4Q.442.112 .12.C ^{**}	E4Q.440.112 .12.C ^{**}	112
125. ▶	E4Q.442.125 .12.C ²⁾	E4Q.440.125 .12.C ²⁾	125
137. ▶	E4Q.442.137 .12.C ^{**}	E4Q.440.137 .12.C ^{**}	137
150. ▶	E4Q.442.150 .12.C ²⁾	E4Q.440.150 .12.C ²⁾	150
162. ▶	E4Q.442.162 .12.C ^{**}	E4Q.440.162 .12.C ^{**}	162
168. ▶	E4Q.442.168 .12.C ²⁾	E4Q.440.168 .12.C ²⁾	168
175. ▶	E4Q.442.175 .12.C ²⁾	E4Q.440.175 .12.C ²⁾	175
187. ▶	E4Q.442.187 .12.C ^{**}	E4Q.440.187 .12.C ^{**}	187
200. ▶	E4Q.442.200 .12.C ²⁾	E4Q.440.200 .12.C ²⁾	200
212. ▶	E4Q.442.212 .12.C ^{**}	E4Q.440.212 .12.C ^{**}	212
225. ▶	E4Q.442.225 .12.C ^{**}	E4Q.440.225 .12.C ^{**}	225

1) One end pivoting - standard for E4Q mounting brackets. For the C-profile option please add index **.C**.

2) Width available from spring 2021. ^{**}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.

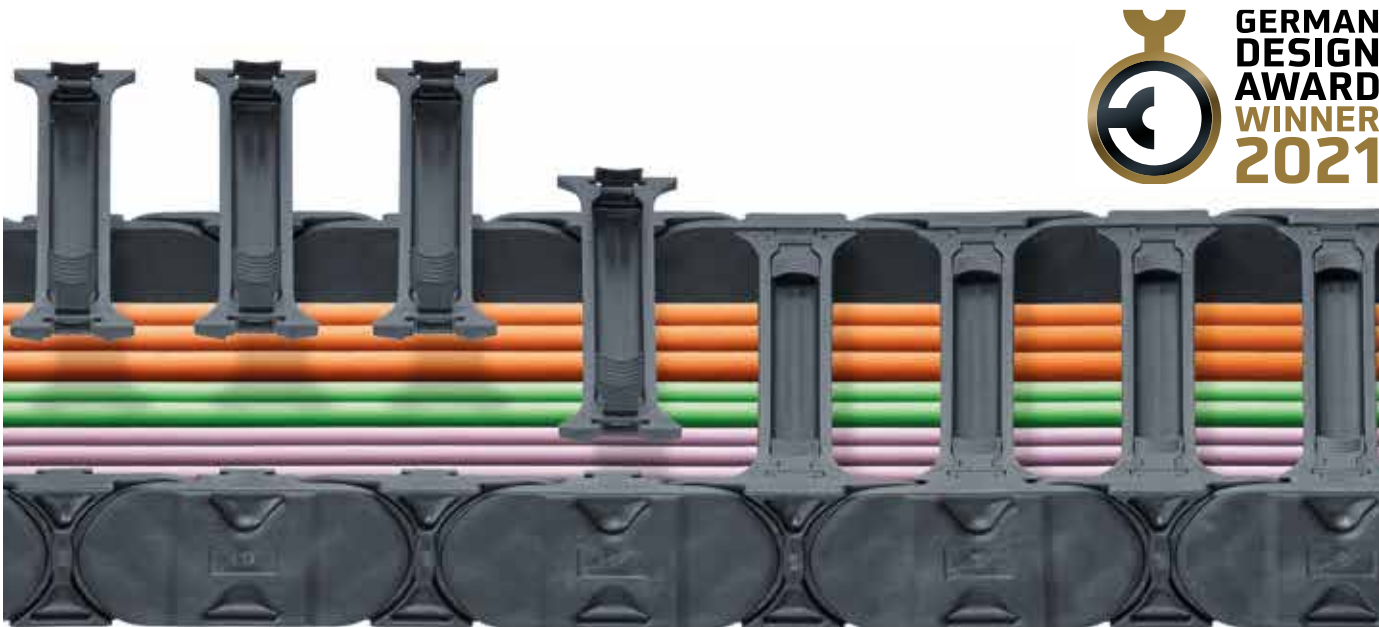


Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392

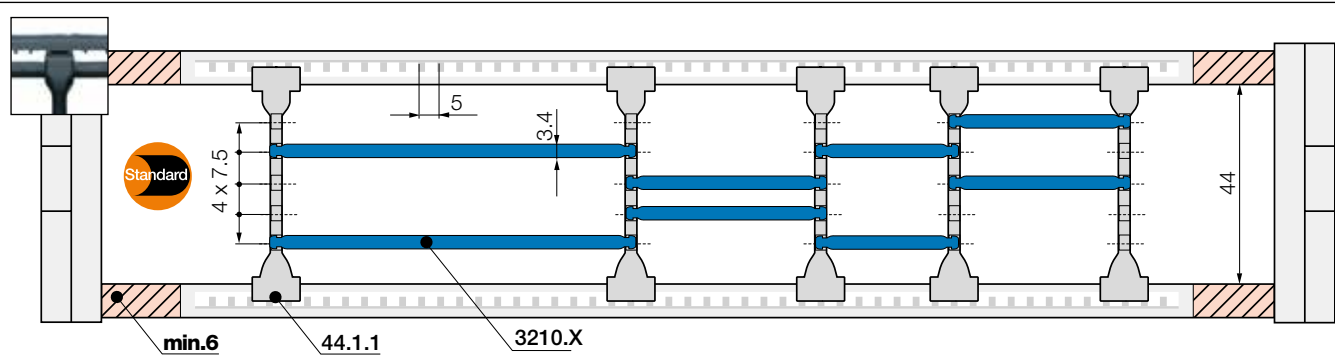
Steel support tray for support of the lower run

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

More information ▶ From page 1356



The new E4Q combines ease of installation with a new level of strength and stability

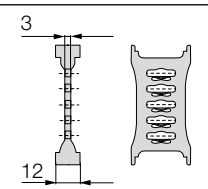


Note: Please be aware of the minimum lateral gap to the side links! **e-chain®: 6mm**
As standard separators are fitted every 2nd e-chain® link!



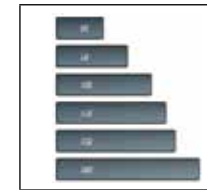
Standard separator, wide base

unassembled	44.1
assembled	44.1.1



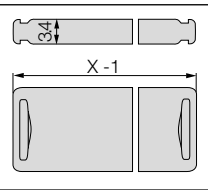
3
12

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



Shelf, lockable

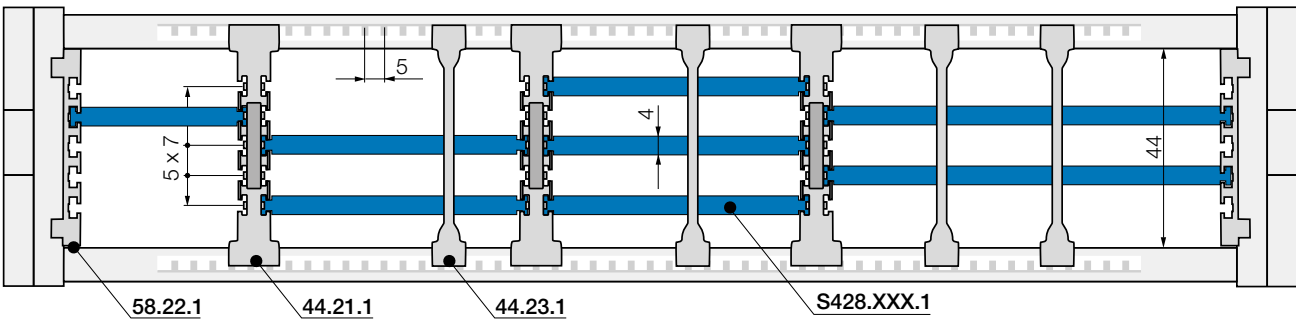
unassembled	3200.X
assembled	3210.X



X - 1

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	3200.050	3210.050	125	3200.125	3210.125	225	3200.225	3210.225
	075	3200.075	3210.075	150	3200.150	3210.150	250	3200.250	3210.250
	100	3200.100	3210.100	175	3200.175	3210.175			
	115	3200.115	3210.115	200	3200.200	3210.200			

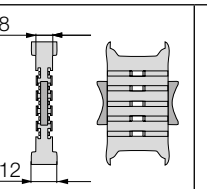


No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-chain® link!



Universal middle plate

unassembled	44.21
assembled	44.21.1



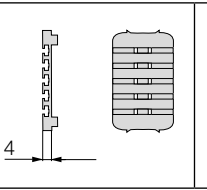
8
12

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 plate

unassembled	44.22
assembled	44.22.1



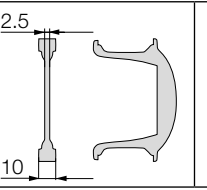
4

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



Separator

unassembled	44.23
assembled	44.23.1



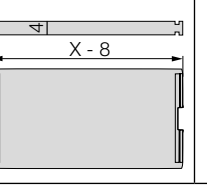
2.5
10

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.



Shelf

unassembled	S428.XXX
assembled	S428.XXX.1



X - 8

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*	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.