



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.	Bi	Ba	E4Q.44	H4Q.44	Part No.	Bi	Ba	E4Q.44	H4Q.44
e-chains®	[mm]	[mm]	[kg/m]	[kg/m]	e-chains®	[mm]	[mm]	[kg/m]	[kg/m]
E4Q.44.1) H4Q.44.1) 075.R.0	75	101	≈ 1.61	1.43	E4Q.44.* H4Q.44.* 237.R.0	237	264	≈ 2.28	≈ 1.76
E4Q.44.1) H4Q.44.1) 087.R.0	87	114	≈ 1.65	≈ 1.45	E4Q.44.1) H4Q.44.1) 250.R.0	250	276	≈ 2.32	≈ 1.78
E4Q.44.1) H4Q.44.1) 100.R.0	100	126	≈ 1.70	≈ 1.47	E4Q.44.* H4Q.44.* 262.R.0	262	289	≈ 2.36	≈ 1.81
E4Q.44.1) H4Q.44.1) 108.R.0	108	134	≈ 1.73	≈ 1.49	E4Q.44.* H4Q.44.* 275.R.0	275	301	≈ 2.41	≈ 1.83
E4Q.44.* H4Q.44.* 112.R.0	112	139	≈ 1.74	≈ 1.49	E4Q.44.* H4Q.44.* 287.R.0	287	314	≈ 2.46	≈ 1.85
E4Q.44.1) H4Q.44.1) 125.R.0	125	151	≈ 1.79	≈ 1.52	E4Q.44.* H4Q.44.* 300.R.0	300	326	≈ 2.51	≈ 1.88
E4Q.44.* H4Q.44.* 137.R.0	137	164	≈ 1.83	≈ 1.54	E4Q.44.* H4Q.44.* 312.R.0	312	339	≈ 2.55	≈ 1.90
E4Q.44.1) H4Q.44.1) 150.R.0	150	176	≈ 1.96	≈ 1.60	E4Q.44.* H4Q.44.* 325.R.0	325	351	≈ 2.60	≈ 1.92
E4Q.44.* H4Q.44.* 162.R.0	162	189	≈ 2.00	≈ 1.63	E4Q.44.* H4Q.44.* 337.R.0	337	364	≈ 2.64	≈ 1.94
E4Q.44.1) H4Q.44.1) 168.R.0	168	194	≈ 2.03	≈ 1.64	E4Q.44.* H4Q.44.* 350.R.0	350	376	≈ 2.69	≈ 1.97
E4Q.44.1) H4Q.44.1) 175.R.0	175	201	≈ 2.06	≈ 1.65	E4Q.44.* H4Q.44.* 362.R.0	362	389	≈ 2.73	≈ 1.99
E4Q.44.* H4Q.44.* 187.R.0	187	214	≈ 2.10	≈ 1.67	E4Q.44.* H4Q.44.* 375.R.0	375	401	≈ 2.78	≈ 2.01
E4Q.44.1) H4Q.44.1) 200.R.0	200	226	≈ 2.15	≈ 1.70	E4Q.44.* H4Q.44.* 387.R.0	387	414	≈ 2.82	≈ 2.03
E4Q.44.* H4Q.44.* 212.R.0	212	239	≈ 2.19	≈ 1.72	E4Q.44.* H4Q.44.* 400.R.0	400	426	≈ 2.90	≈ 2.08
E4Q.44.* H4Q.44.* 225.R.0	225	251	≈ 2.24	≈ 1.74					

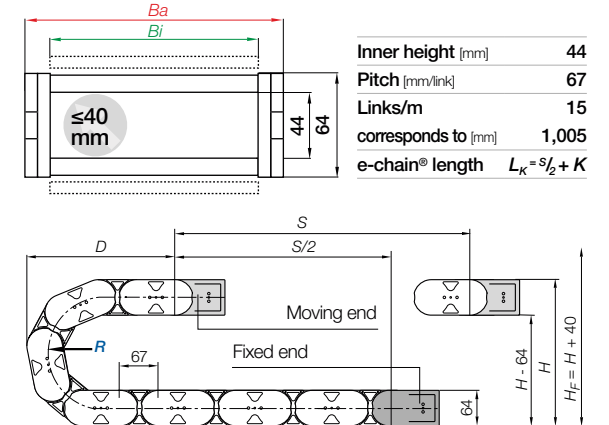
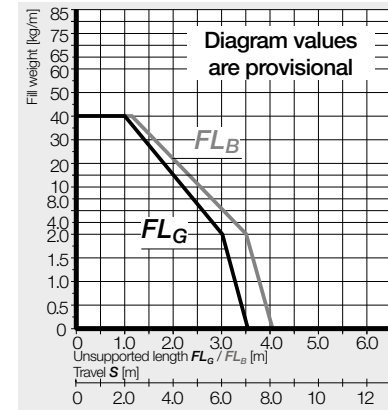
*Width available upon request. Available upon request. 1) Width available from spring 2021. 2) Radius available from spring 2021.

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

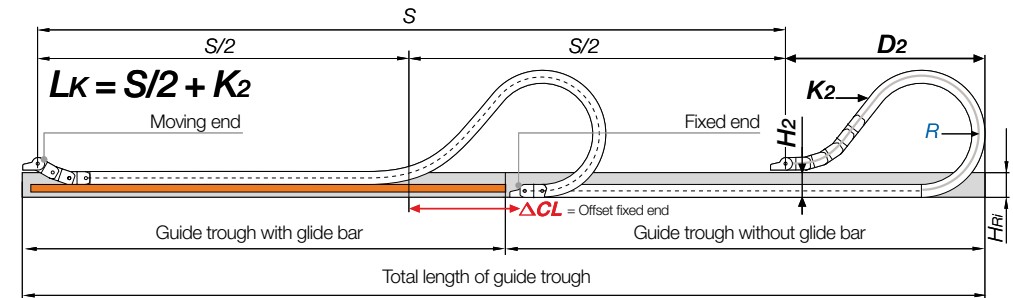


	075 ²⁾	100 ²⁾	115 ²⁾	125 ²⁾	150 ²⁾	160 ²⁾	175 ²⁾	200 ²⁾	250 ²⁾	300 ²⁾	350 ²⁾
R	075 ²⁾	100 ²⁾	115 ²⁾	125 ²⁾	150 ²⁾	160 ²⁾	175 ²⁾	200 ²⁾	250 ²⁾	300 ²⁾	350 ²⁾
H ₊₂₅ ⁰	214	264	294	314	364	384	414	464	564	664	764
D	208	233	248	258	283	293	308	333	383	433	483
K	370	450	500	530	610	640	685	765	920	1,080	1,235

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

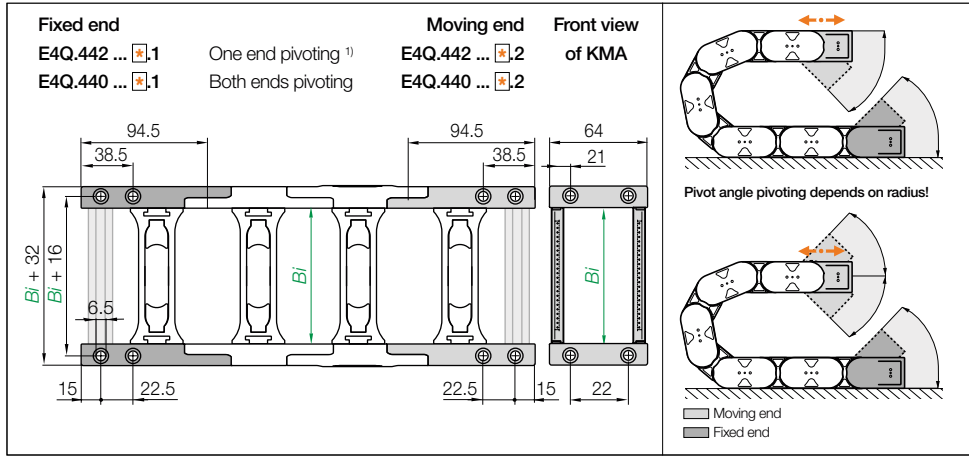


Note: We recommend the project planning of such a system to be carried out by igus®.

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

	075 ²⁾	100 ²⁾	115 ²⁾	125 ²⁾	150 ²⁾	160 ²⁾	175 ²⁾	200 ²⁾	250 ²⁾	300 ²⁾	350 ²⁾
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 ₂ ⁺²⁵	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
ΔACL	-	170	200	230	300	340	380	460	660	730	1,030

2) Radius available from spring 2021.

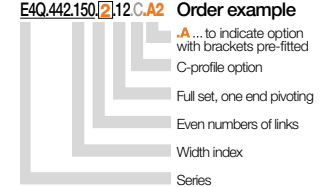
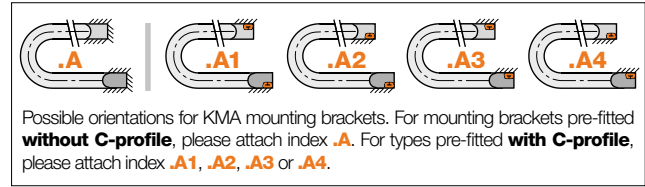
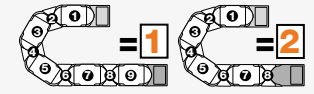


One end pivoting ¹⁾ | Recommended for unsupported, vertical hanging, standing applications
Both ends pivoting | Recommended for gliding applications

Part No. KMA full set				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]
075	E4Q.442.075 [1].12.C ²⁾	E4Q.440.075 [1].12.C ²⁾	75	237	E4Q.442.237 [1].12.C ²⁾	E4Q.440.237 [1].12.C ²⁾	237
087	E4Q.442.087 [1].12.C ²⁾	E4Q.440.087 [1].12.C ²⁾	87	250	E4Q.442.250 [1].12.C ²⁾	E4Q.440.250 [1].12.C ²⁾	250
100	E4Q.442.100 [1].12.C ²⁾	E4Q.440.100 [1].12.C ²⁾	100	262	E4Q.442.262 [1].12.C ²⁾	E4Q.440.262 [1].12.C ²⁾	262
108	E4Q.442.108 [1].12.C ²⁾	E4Q.440.108 [1].12.C ²⁾	108	275	E4Q.442.275 [1].12.C ²⁾	E4Q.440.275 [1].12.C ²⁾	275
112	E4Q.442.112 [1].12.C ²⁾	E4Q.440.112 [1].12.C ²⁾	112	287	E4Q.442.287 [1].12.C ²⁾	E4Q.440.287 [1].12.C ²⁾	287
125	E4Q.442.125 [1].12.C ²⁾	E4Q.440.125 [1].12.C ²⁾	125	300	E4Q.442.300 [1].12.C ²⁾	E4Q.440.300 [1].12.C ²⁾	300
137	E4Q.442.137 [1].12.C ²⁾	E4Q.440.137 [1].12.C ²⁾	137	312	E4Q.442.312 [1].12.C ²⁾	E4Q.440.312 [1].12.C ²⁾	312
150	E4Q.442.150 [1].12.C ²⁾	E4Q.440.150 [1].12.C ²⁾	150	325	E4Q.442.325 [1].12.C ²⁾	E4Q.440.325 [1].12.C ²⁾	325
162	E4Q.442.162 [1].12.C ²⁾	E4Q.440.162 [1].12.C ²⁾	162	337	E4Q.442.337 [1].12.C ²⁾	E4Q.440.337 [1].12.C ²⁾	337
168	E4Q.442.168 [1].12.C ²⁾	E4Q.440.168 [1].12.C ²⁾	168	350	E4Q.442.350 [1].12.C ²⁾	E4Q.440.350 [1].12.C ²⁾	350
175	E4Q.442.175 [1].12.C ²⁾	E4Q.440.175 [1].12.C ²⁾	175	362	E4Q.442.362 [1].12.C ²⁾	E4Q.440.362 [1].12.C ²⁾	362
187	E4Q.442.187 [1].12.C ²⁾	E4Q.440.187 [1].12.C ²⁾	187	375	E4Q.442.375 [1].12.C ²⁾	E4Q.440.375 [1].12.C ²⁾	375
200	E4Q.442.200 [1].12.C ²⁾	E4Q.440.200 [1].12.C ²⁾	200	387	E4Q.442.387 [1].12.C ²⁾	E4Q.440.387 [1].12.C ²⁾	387
212	E4Q.442.212 [1].12.C ²⁾	E4Q.440.212 [1].12.C ²⁾	212	400	E4Q.442.400 [1].12.C ²⁾	E4Q.440.400 [1].12.C ²⁾	400
225	E4Q.442.225 [1].12.C ²⁾	E4Q.440.225 [1].12.C ²⁾	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 (for odd) or (for even) depending on an even or odd number of links required.

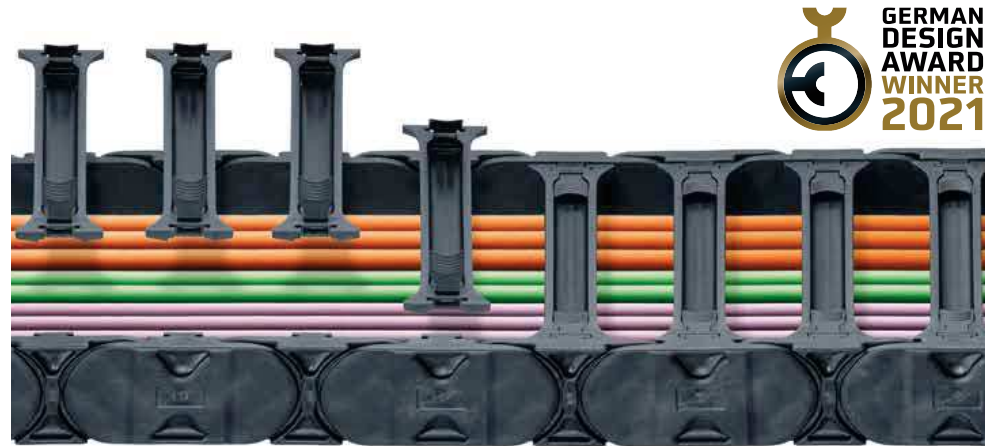


Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ► From page 1392

Steel support tray for support of the lower run

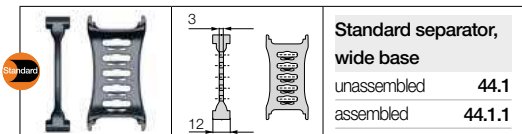
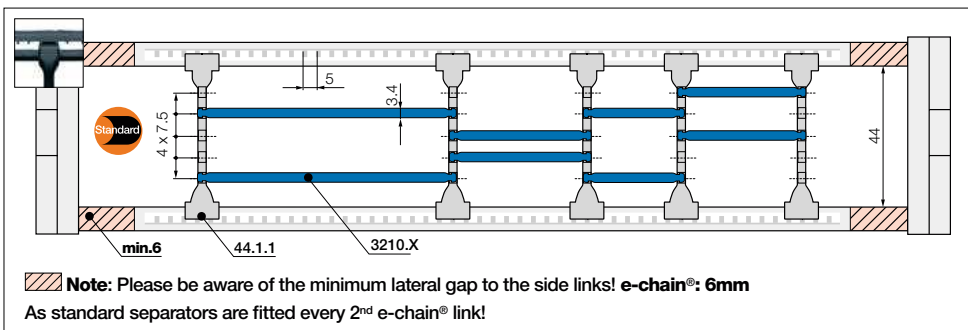
- Simple one-piece support trays for the lower run
- To your requirements and specification
- 4 options available

More information ► From page 1356



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

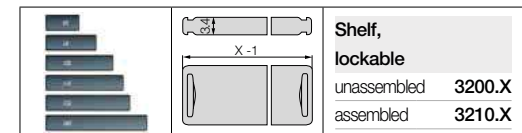




Standard separator, wide base
unassembled **44.1**
assembled **44.1.1**

Standard - for any application

Separator with a wide base for maximum holding force.



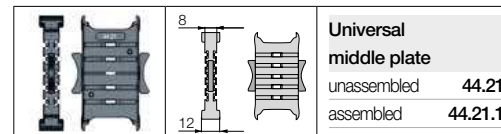
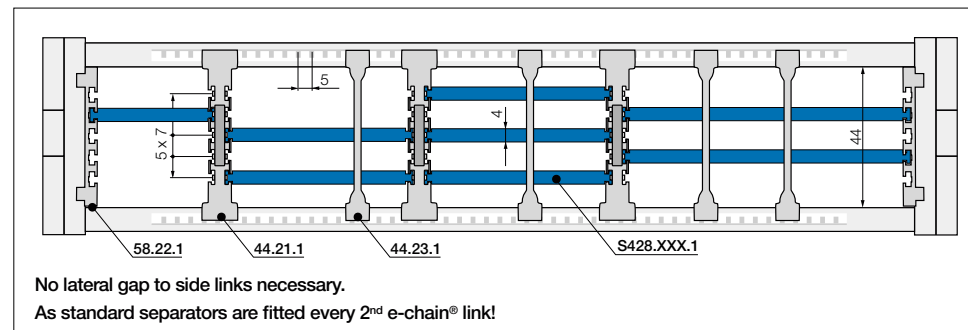
Shelf, lockable
unassembled **3200.X**
assembled **3210.X**

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.



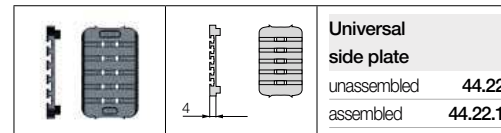
X [mm]	unassembled		assembled		X [mm]	unassembled		assembled	
	part no.	part no.	part no.	part no.		part no.	part no.	part no.	part no.
050	3200.050	3210.050	125	3200.125	3210.125	225	3200.225	3210.225	
075	3200.075	3210.075	150	3200.150	3210.150	250	3200.250	3210.250	
100	3200.100	3210.100	175	3200.175	3210.175				
115	3200.115	3210.115	200	3200.200	3210.200				



Universal middle plate
unassembled **44.21**
assembled **44.21.1**

Universal middle plates

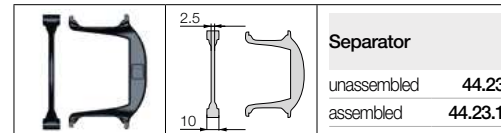
The shelves can be inserted from both sides. The shelves are locked in place by means of the integrated slider and additionally when the crossbar is fitted. For unlocking, the crossbar must be removed - on the inner or outer radius.



Universal side plate
unassembled **44.22**
assembled **44.22.1**

Universal side plates

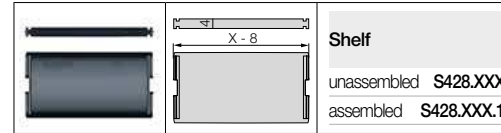
Allow modular shelving right up to the side links. Shelves can be inserted from both sides.



Separator
unassembled **44.23**
assembled **44.23.1**

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**

Shelves for universal interior separation

Shelves of various widths can be arranged in steps of 7mm.



Width = XXX [mm]	XXX [mm] unassembled		XXX [mm] assembled		XXX [mm] unassembled		XXX [mm] assembled	
	part no.	part no.	part no.	part no.	part no.	part no.	part no.	part no.
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.