



Series E4Q.34 | Crossbars every link (crossbars removable along the inner and outer radius)
Series H4Q.34 | Crossbars every 2nd link (crossbars removable along the inner and outer radius)

Part No. e-chains®	Bi [mm]	Ba [mm]	E4Q.34 [kg/m]	H4Q.34 [kg/m]
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 075.R.0	75	98	≈ 1.61	1.43
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 087.R.0	87	111	≈ 1.65	≈ 1.45
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 100.R.0	100	123	≈ 1.70	≈ 1.47
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 108.R.0	108	131	≈ 1.73	≈ 1.49
E4Q.34.* H4Q.34.* 112.R.0	112	136	≈ 1.74	≈ 1.49
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 125.R.0	125	148	≈ 1.79	≈ 1.52
E4Q.34.* H4Q.34.* 137.R.0	137	161	≈ 1.83	≈ 1.54
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 150.R.0	150	173	≈ 1.96	≈ 1.60
E4Q.34.* H4Q.34.* 162.R.0	162	186	≈ 2.00	≈ 1.63
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 168.R.0	168	191	≈ 2.03	≈ 1.64
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 175.R.0	175	198	≈ 2.06	≈ 1.65
E4Q.34.* H4Q.34.* 187.R.0	187	211	≈ 2.10	≈ 1.67
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 200.R.0	200	223	≈ 2.15	≈ 1.70
E4Q.34.* H4Q.34.* 212.R.0	212	236	≈ 2.19	≈ 1.72
E4Q.34.* H4Q.34.* 225.R.0	225	248	≈ 2.24	≈ 1.74

Part No. e-chains®	Bi [mm]	Ba [mm]	E4Q.34 [kg/m]	H4Q.34 [kg/m]
E4Q.34.* H4Q.34.* 237.R.0	237	261	≈ 2.28	≈ 1.76
E4Q.34. ¹⁾ H4Q.34. ¹⁾ 250.R.0	250	273	≈ 2.32	≈ 1.78
E4Q.34.* H4Q.34.* 262.R.0	262	286	≈ 2.36	≈ 1.81
E4Q.34.* H4Q.34.* 275.R.0	275	298	≈ 2.41	≈ 1.83
E4Q.34.* H4Q.34.* 287.R.0	287	311	≈ 2.46	≈ 1.85
E4Q.34.* H4Q.34.* 300.R.0	300	323	≈ 2.51	≈ 1.88
E4Q.34.* H4Q.34.* 312.R.0	312	336	≈ 2.55	≈ 1.90
E4Q.34.* H4Q.34.* 325.R.0	325	348	≈ 2.60	≈ 1.92
E4Q.34.* H4Q.34.* 337.R.0	337	361	≈ 2.64	≈ 1.94
E4Q.34.* H4Q.34.* 350.R.0	350	373	≈ 2.69	≈ 1.97
E4Q.34.* H4Q.34.* 362.R.0	362	386	≈ 2.73	≈ 1.99
E4Q.34.* H4Q.34.* 375.R.0	375	398	≈ 2.78	≈ 2.01
E4Q.34.* H4Q.34.* 387.R.0	387	411	≈ 2.82	≈ 2.03
E4Q.34.* H4Q.34.* 400.R.0	400	423	≈ 2.90	≈ 2.08

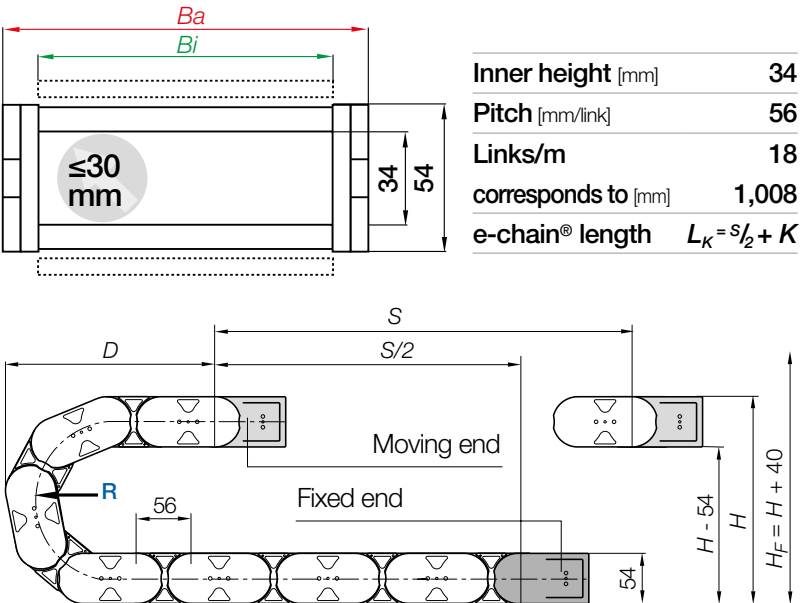
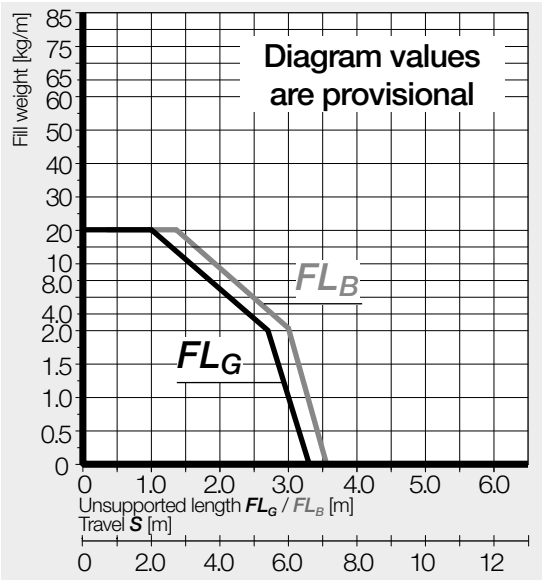
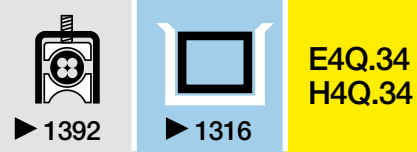
*Width available upon request. Available upon request. 1) Width available from spring 2021. 2) Radius available from spring 2021.

Available bend radii

R [mm] | 063²⁾ | 075²⁾ | 100²⁾ | 125²⁾ | 150²⁾ | 175²⁾ | 200²⁾ | 220²⁾ | 250²⁾ | 300²⁾ |

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

E4Q.34.150.150.0 = crossbars every link / E4Q.34.150.150.0 = crossbars every 2nd link

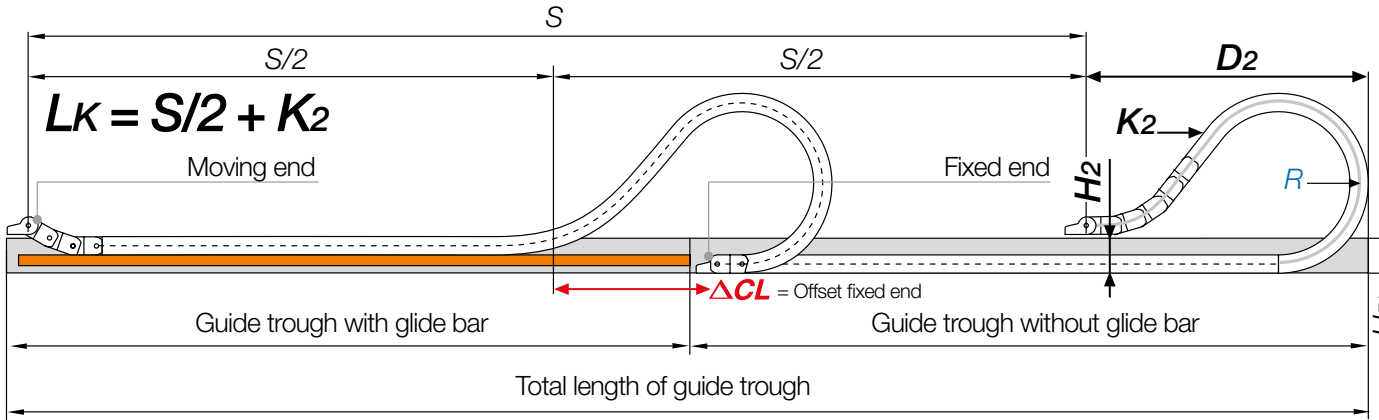


R	063 ²⁾	075 ²⁾	100 ²⁾	125 ²⁾	150 ²⁾	175 ²⁾	200 ²⁾	220 ²⁾	250 ²⁾	300 ²⁾
H + ²⁰ 0	180	204	254	304	354	404	454	494	554	654
D	174	186	211	236	261	286	311	331	361	411
K	310	350	430	505	585	665	745	805	900	1,055

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

2) Radius available from spring 2021.

Gliding applications | For travel lengths from 10m to max. 200m

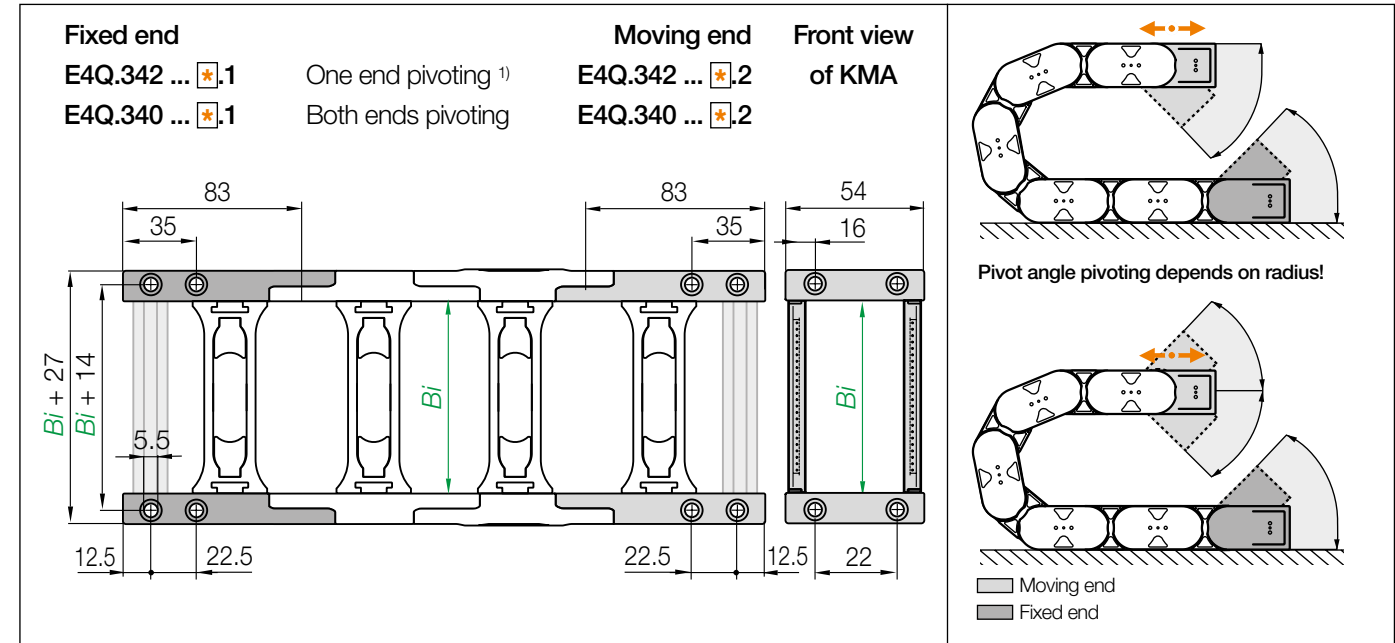


Note: We recommend the project planning of such a system to be carried out by igus®.

In case of travels between 7 and 10m we recommend an e-chain® with a longer unsupported length.

R	063 ²⁾	075 ²⁾	100 ²⁾	125 ²⁾	150 ²⁾	175 ²⁾	200 ²⁾	220 ²⁾	250 ²⁾	300 ²⁾
H ₂	126	150	166	166	166	166	166	166	166	166
D ₂ + ²⁵	146	158	370	470	500	655	770	900	930	1,100
K ₂	310	350	616	784	896	1,120	1,288	1,456	1,568	1,904
ΔCL	–	–	160	210	240	370	460	540	570	690

2) Radius available from spring 2021.



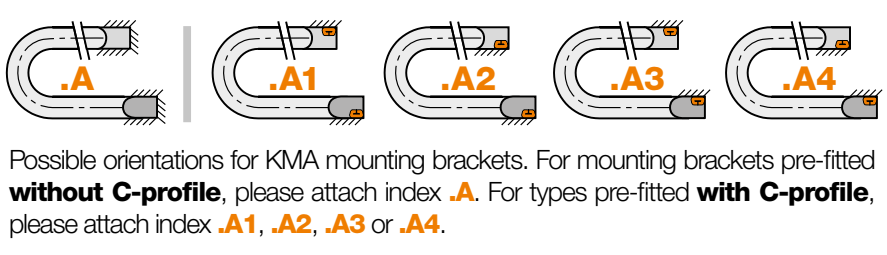
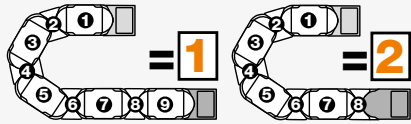
One end pivoting ¹⁾ | Recommended for unsupported, vertical hanging, standing applications
Both ends pivoting | Recommended for gliding applications

Part No. KMA full set			
Width index	One end pivoting ¹⁾	Both ends pivoting	Bi [mm]
075. ▶	E4Q.342.075 .12.C ²⁾	E4Q.340.075 .12.C ²⁾	75
087. ▶	E4Q.342.087 .12.C ²⁾	E4Q.340.087 .12.C ²⁾	87
100. ▶	E4Q.342.100 .12.C ²⁾	E4Q.340.100 .12.C ²⁾	100
108. ▶	E4Q.342.108 .12.C ²⁾	E4Q.340.108 .12.C ²⁾	108
112. ▶	E4Q.342.112 .12.C ^{**}	E4Q.340.112 .12.C ^{**}	112
125. ▶	E4Q.342.125 .12.C ²⁾	E4Q.340.125 .12.C ²⁾	125
137. ▶	E4Q.342.137 .12.C ^{**}	E4Q.340.137 .12.C ^{**}	137
150. ▶	E4Q.342.150 .12.C ²⁾	E4Q.340.150 .12.C ²⁾	150
162. ▶	E4Q.342.162 .12.C ^{**}	E4Q.340.162 .12.C ^{**}	162
168. ▶	E4Q.342.168 .12.C ²⁾	E4Q.340.168 .12.C ²⁾	168
175. ▶	E4Q.342.175 .12.C ²⁾	E4Q.340.175 .12.C ²⁾	175
187. ▶	E4Q.342.187 .12.C ^{**}	E4Q.340.187 .12.C ^{**}	187
200. ▶	E4Q.342.200 .12.C ²⁾	E4Q.340.200 .12.C ²⁾	200
212. ▶	E4Q.342.212 .12.C ^{**}	E4Q.340.212 .12.C ^{**}	212
225. ▶	E4Q.342.225 .12.C ^{**}	E4Q.340.225 .12.C ^{**}	225

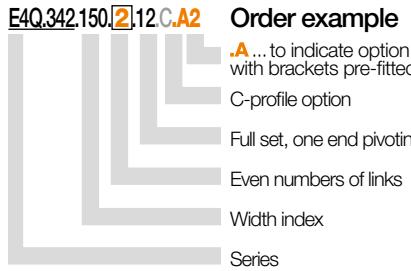
1) One end pivoting - standard for E4Q mounting brackets. For the C-profile option please add index **.C**.

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.



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**.



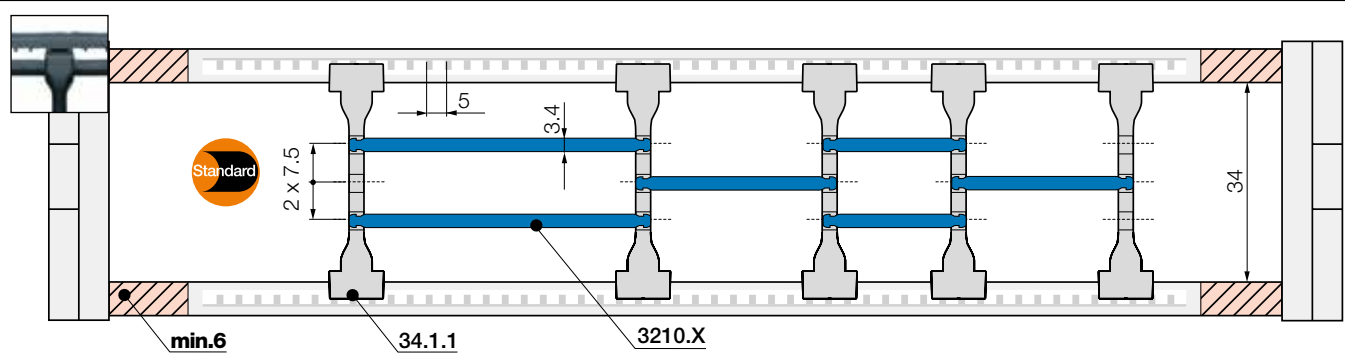
Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392

Aluminium support tray

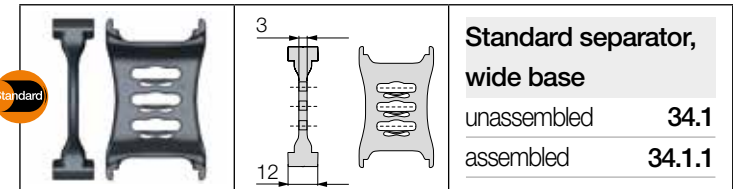
- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
 - Noise-reducing glide strip integrated as standard
 - Easy installation and connection of the e-chain®
 - Open design - dirt and debris fall through
- More information ▶ From page 1362**



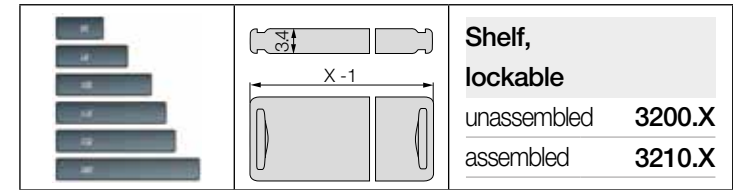
The new E4Q combines innovative design with a new level of strength and robustness



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!

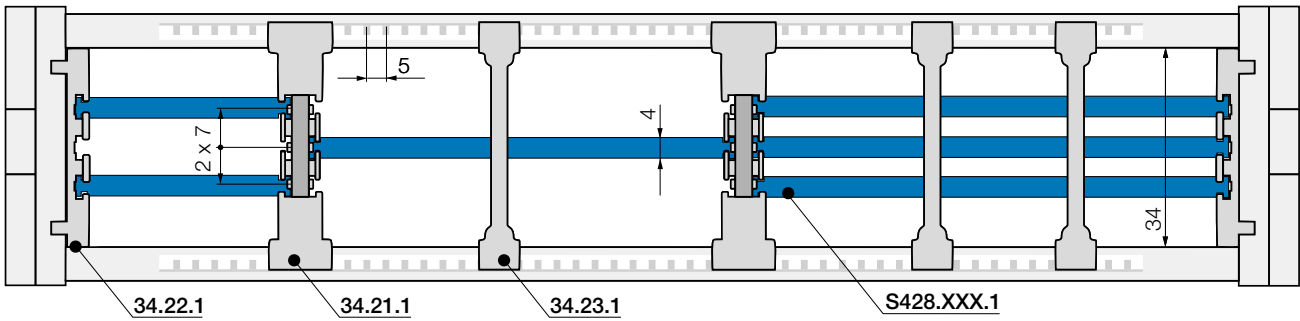


Standard - for any application
Separator with a wide base for maximum holding force.

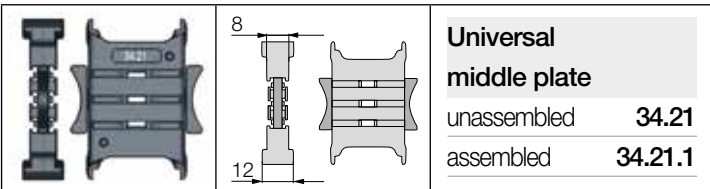


Horizontal separation
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

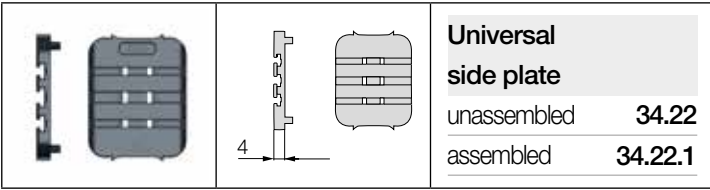
Shelves Width = X [mm]	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled
	050	3200.050	3210.050	125	3200.125	3210.125	225	3200.225	3210.225
	075	3200.075	3210.075	150	3200.150	3210.150	250	3200.250	3210.250
	100	3200.100	3210.100	175	3200.175	3210.175			
	115	3200.115	3210.115	200	3200.200	3210.200			



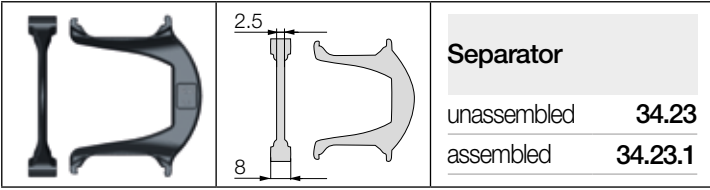
No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-chain® link!



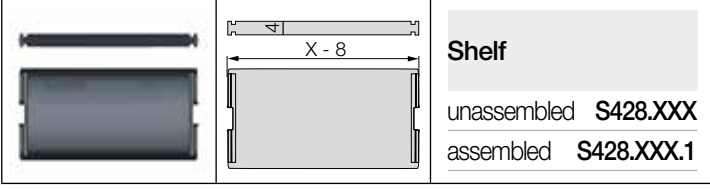
Universal middle plates
The shelves can be inserted from both sides. The shelves are locked in place by means of the integrated slider and additionally when the crossbar is fitted. For unlocking, the crossbar must be removed - on the inner or outer radius.



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*	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.