

E6.1

clean-room

Dynamic, quiet, light and cleanroom suitable

Advantages of the E6.1 system:

- Extremely quiet, low-vibration e-chain®
- For very high speeds and accelerations
- Ideal ratio of internal and external dimensions with thinner outer links and optimised crossbar geometry
- High push/pull forces
- Small bend radii
- Low noise 32dB(A)¹⁾ - extremely low noise and vibration
- Suitable for cleanrooms according to IPA cleanroom Class 1²⁾

1) Extremely low-noise - tested at the Iguis® lab Series E61.23.070.055.0

2) Cleanroom - E61.23.50.075.0 series

When to use another e-chain® series:

- For side-mounted applications
- ▶ E6, page 870 ▶ E2/000, page 374
- When a Reverse Bend Radius *RBR* is required
- ▶ E2/000, page 374
- For longer unsupported lengths
- ▶ E2/000, page 374
- For long travels
- ▶ E2/000, page 374
- When an enclosed e-chain® for smooth running is required
- ▶ R6, page 870
- ▶ e-skin® corrugated tube SK / SKS / SKY, page 812



Dynamic,
quiet, light and
cleanroom
suitable - E6.1

The E6.1 series is a development of the E6 series. It incorporates all the advantages of the series such as strength, cleanroom-compatibility and low weight in addition to even quieter operation at higher maximum speeds. In addition, its accessibility to the interior and the assembly and handling have been improved. Quiet - from a noise level of 32dB(A)¹⁾ Weight savings approx. 30% compared to the E6 system Highly dynamic Extremely low vibration Cleanroom-compatible due to principle of low-abrasion for connectors, without pin and bore connection Virtually no polygon effect, smooth rolling operation Smooth interior design for a long lifetime for cables and hoses Crossbars removable along the inner and outer radius Option without camber (NC) simply by turning the inner link

1) Extremely low-noise - tested at the igus® lab Series E61.29.070.055.0
cleanroom - E61.29.50.075.0 series

Industrial industries and applications

Semiconductor industry ● Studio equipment
● camera tracking systems ● Printer/plotter
industry ● In applications with extremely high
accelerations ● When noise reduction and a
low level of abrasion are important



32dB(A)¹⁾ - level determined at the igus®
test-lab, v = 1.0m/s unsupported, series
E61.29.070.055.0

s.eu/best/E6.1



Series	Inner height hf [mm]	Inner width Bi [mm]	Outer width Ba [mm]	Outer height ha [mm]	Bend radius R [mm]	Unsupported length ≤ [m]	Page
 E6.1 e-chains® openable along inner and outer radius, from both sides							
E61.29	29	30 - 140	44 - 154	35	055 - 150	≈ 1,75	840
 E6.1 e-chains® crossbars removable along the inner and outer radius							
EF61.29*	29	30 - 140	44 - 154	35	055 - 150	≈ 1,75	840
E61.35	35	30 - 140	46 - 156	42	055 - 150	≈ 1,90	846
E61.40	40	40 - 300	56 - 316	54	063 - 200	≈ 2,50	850
E61.52	52	40 - 300	64 - 324	65	075 - 200	≈ 3,00	856
E61.62	62	50 - 400	82 - 432	84	115	≈ 4,00	860
E61.80	80	50 - 600	78 - 628	108	150	≈ 5,25	864

*EF61.29 series - available at an even lower price without the pivoting function of the crossbars



Available from stock. Ready to ship in 72hrs.*
*Average time before the ordered goods are dispatched.



Further information about igus® cleanroom e-chains® and the new, unique igus® cleanroom
laboratory for IPA cleanroom Class 1 components ► From page 145

Next e-chain® generation for highest cleanroom
suitability ISO cleanroom Class 1; C6

● Optimised design without any measurable abrasion
● Parts that contact the cables are made of tribo-optimised igulen CR1
Samples available upon request ► Please consult igus®.



igus

3D CAD, configurators, service life calculation and more ► www.igus.eu/E6.1

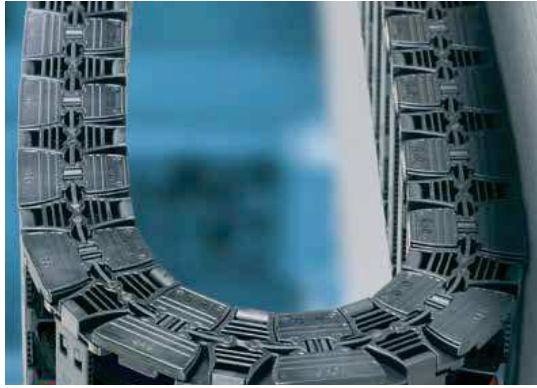
835



KVA mounting brackets with attachment options from any side



Aluminum and steel support trays for support of the lower run ► From page 1354



increase the service life of cables and hoses even chain® link to crossbar, and all markings have been



Cleanroom qualification of igus® system E6.1 e-chains®

By using a special material, the already low abrasion behaviour of the e-chain® can be reduced even further. In many applications where cumbersome special solutions are required, a simple standard e-chain® can be used instead. IPA tests confirm that the standard e-chains® from igus® meet the requirements in cleanrooms and have been "Tested and certified as very good". Cleanroom applications demand very high wear resistance of moving parts. e-chains®, for example, must be very wear-resistant. In order to meet the normal requirements for such a sensitive environment.

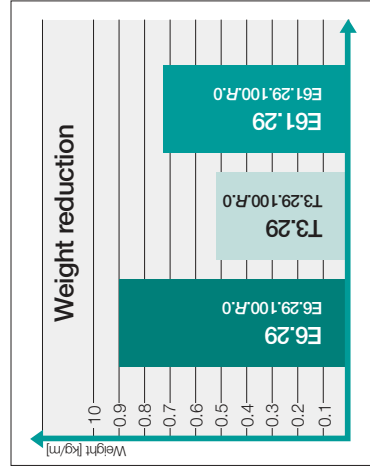


IPA Qualification Certificate® - Report IG 1303-640-1: ISO Class 1, according to DIN EN ISO 14644-1 for system E6.1, series E61.29.50.075.0 at v = 0.5m/s, 1m/s, 2m/s

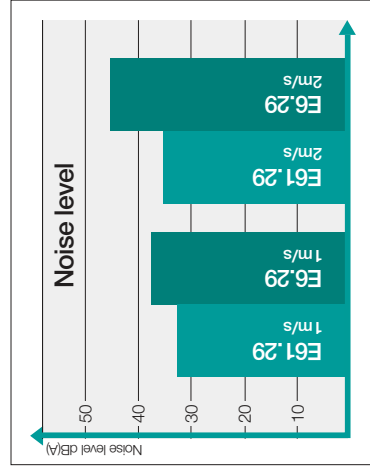


Further information about igus® cleanroom e-chains® and the new, unique igus® cleanroom laboratory for IPA cleanroom Class 1 components ► From page 145

System E6.1 tests in the igus® lab



The E6.1 generation can take up higher accelerations, due to a weight reduction, making it a highly dynamic yet still extremely quiet e-chain®



The results of the E61.29 series noise-measurement tests in the igus® test laboratory showed noise levels below the already very low values for the E6.29 series. 32 dB(A) - level determined at the igus® test-lab, v = 1.0m/s unsupported, series E61.29.070.055.0

igus 3D CAD, configurators, service life calculation and more ► www.igus.eu/E6.1

Options with order keys | Examples based on series E61.52



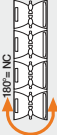
Standard

Simply turn outer side link, no additional rework

Part No.
Standard



Part No.
NC version





E61.52.100.R.0

E61.52.100.R.0.NC



Ready to ship in 72hrs.*

Ready to ship in 72hrs.*

*Average time before the ordered goods are dispatched.

	
Vertical standing	Side mounted unsupported
≤ 2.0m	upon request
≤ 2.0m	upon request
≤ 2.0m	upon request
≤ 2.0m	upon request
≤ 3.0m	upon request
≤ 4.0m	upon request

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igus 3D CAD, configurators, service life calculation and more ► www.igus.eu/E6.1

Order example | Order key and colour examples | Examples based on series E61.52



Order example for complete e-chain® (1.0m),
colour black, with mounting brackets and interior separation:

e-chain® (1.0m)	Please indicate e-chain® length or number of links: 1.0m or 34 links	E61.52.100.075.0
+ Mounting brackets	KMA pivoting - 1 set	E61.520.100.12
Interior separation	with 2 separators assembled every 2 nd link	2 x E6.52.1.1
Order text:	1m E61.52.100.075.0 + E61.520.100.12 + 2 x E6.52.1.1	



Order key

Crossbars removable

E61.52.100.075.0

Order index for colour options

Colour		Order index		Colour		Order index	
	Black		Orange		Silver-grey		Yellow
	Standard		.0		Special colour		.31
	Special colour		.31		Special colour		.4
	White		Light grey		Grey-white		Special colour
	Special colour		.1		Special colour		.14
Width index (depends on <i>B</i>)		Band radius <i>R</i>		Colour index (standard black)			

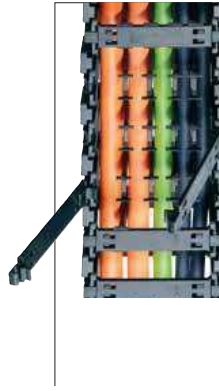
Black e-chains® ready to ship in 72hrs.*
Above special colours upon request.



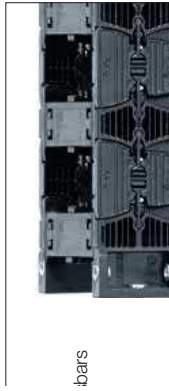
uter radius
ter radius, from both sides

Part No. Openable from both sides	<i>Bi</i>	<i>Ba</i>	E61.29	E61.29
	[mm]	[mm]	[kg/m]	[kg/m]
<i>↙</i> ↘ <i>↘</i> ↙	90	104	≈ 0.707 ≈ 0.707	≈ 0.707 ≈ 0.707
<i>↙</i> ↘ <i>↘</i> ↙	100	114	≈ 0.732 ≈ 0.732	≈ 0.732 ≈ 0.732
<i>↙</i> ↘ <i>↘</i> ↙	110	124	≈ 0.757 ≈ 0.757	≈ 0.757 ≈ 0.757
<i>↙</i> ↘ <i>↘</i> ↙	120	134	≈ 0.782 ≈ 0.782	≈ 0.782 ≈ 0.782
<i>↙</i> ↘ <i>↘</i> ↙	140	154	≈ 0.807 ≈ 0.807	≈ 0.807 ≈ 0.807

61.29.050.100.0



bars



5.eu/EF61.29

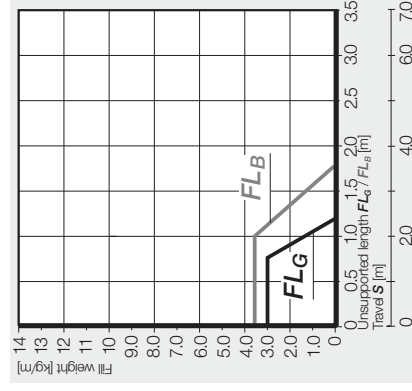


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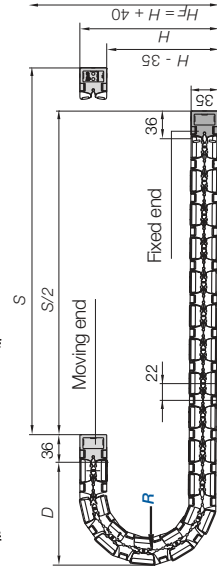
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HENNLICH - ŽIJEME TECHNIKOU



29	Inner height [mm]	46	
22	Pitch [mm/link]	1 012	$L_K = \frac{S_L}{2} + K$
	Links/m		
			e-chain® length

The technical drawing shows a side view of a chain link assembly. A red dimension line labeled 'Ba' indicates the total length. A green dimension line labeled 'Bl' indicates the length of the inner link. A circular feature with a diameter of ≤25 mm is shown. Other dimensions include 35, 29, 28, and 13 mm.



<i>R</i>	055	075	100	125	150
<i>H</i>	175	215	265	315	365
<i>D</i>	105.5	125.5	150.5	175.5	200.5
<i>K</i>	220	280	360	440	520

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



i If a gliding application is required for a long travel, please consult igus®.

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**

More information ► From page 13622

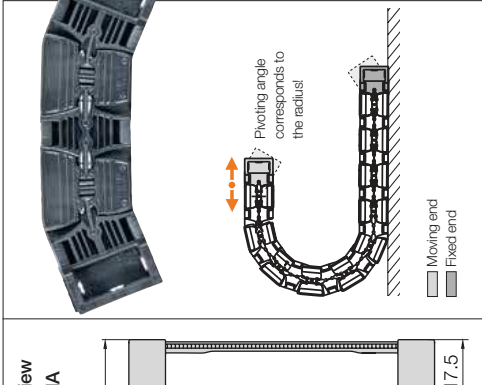


Steel support tray for support of the lower run

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

More information ► From page 1356





Applications

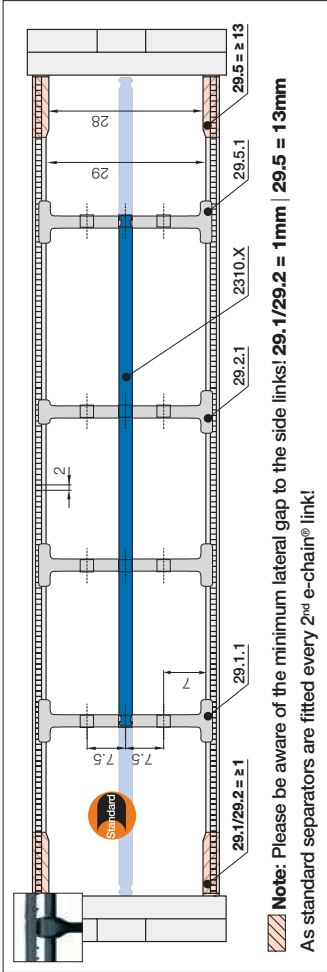
Part No. Full set	A [mm]	B [mm]	Bi [mm]
MA pivoting			
61.290.090.12	100	109.5	90
61.290.100.12	110	119.5	100
61.290.110.12	120	129.5	110
61.290.120.12	130	139.5	120
61.290.140.12	140	149.5	140

if links.



s are available from stock. The complete
2

s.eu/EF61.29



Standard - for any application

Separator with a wide base for maximum holding force.

For even faster installation

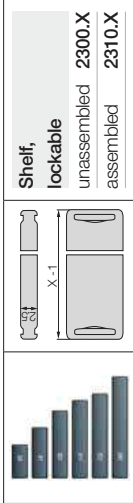
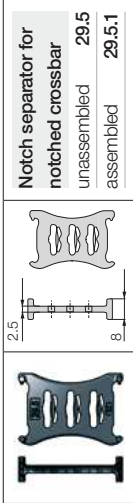
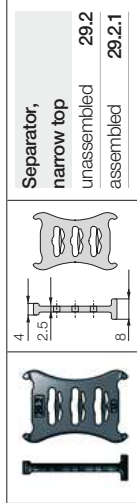
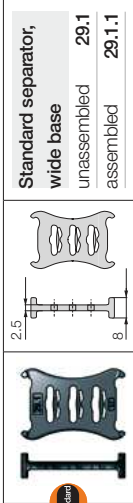
Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

Locks securely in preset increments

Notch separator for exact positioning. Recommended for side-mounted applications.

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]	un assembled	assembled	X [mm]	un assembled	assembled
015	2300.015	2310.015	060	2300.060	2310.060
025	2300.025	2310.025	062	2300.062	2310.062
030	2300.030	2310.030	065	2300.065	2310.065
038	2300.038	2310.038	070	2300.070	2310.070
040	2300.040	2310.040	075	2300.075	2310.075
050	2300.050	2310.050	077	2300.077	2310.077
057	2300.057	2310.057	080	2300.080	2310.080

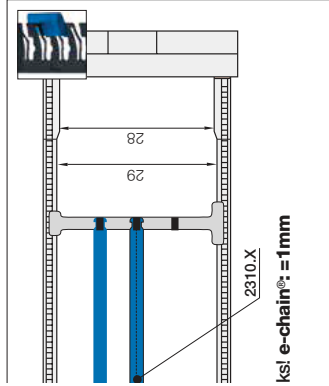
Separator with integrated strain relief teeth

- Can be integrated into the mounting bracket or placed at any point
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. **E6.35.02.Z** - more information ▶ From page 1428



igus 3D CAD, configurators, service life calculation and more ▶ www.igus.eu/E6.1



separators¹⁾
 ck fitting of shelves in several layers. **1) Note:** Please
 maximum 4 lean separators with one shelf. Not suitable for
 joined e-chains²⁾

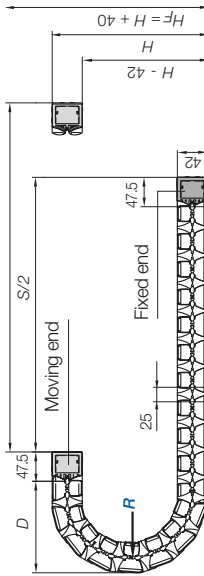
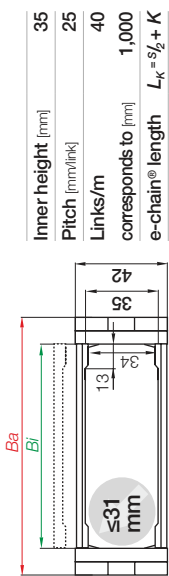
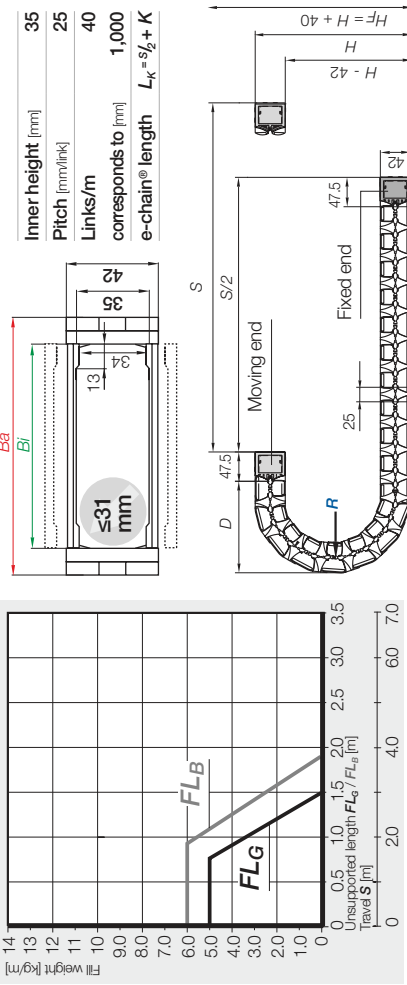
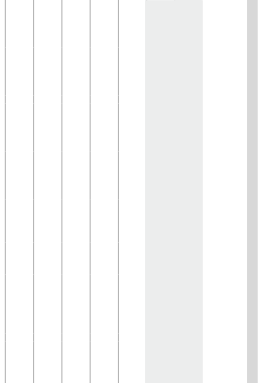


Cleanroom suitable E6.1 series as a harnessed readychain® system for the semiconductor industry



ong the inner and outer radius

		Bi	Ba	E61.35
		[mm]	[mm]	[kg/m]
R.0		90	106	≈ 0.783
R.0		100	116	≈ 0.804
R.0		110	126	≈ 0.826
R.0		120	136	≈ 0.848
R.0		140	156	≈ 0.881



R	055	075	100	125	150
H	192	232	282	332	382
D	113.5	133.5	158.5	183.5	208.5
K	225	290	365	445	525

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



i If a gliding application is required for a long travel, please consult igus®.

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

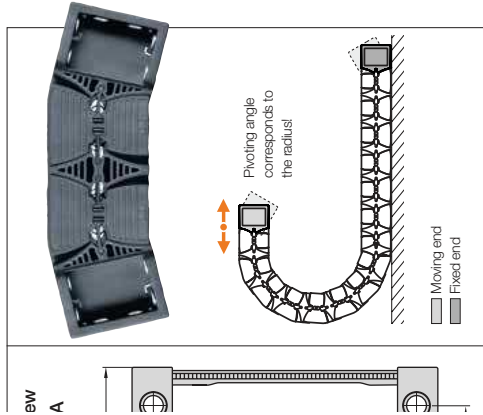


Steel support tray for support of the lower run

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

More information ▶ From page 1356





Applications

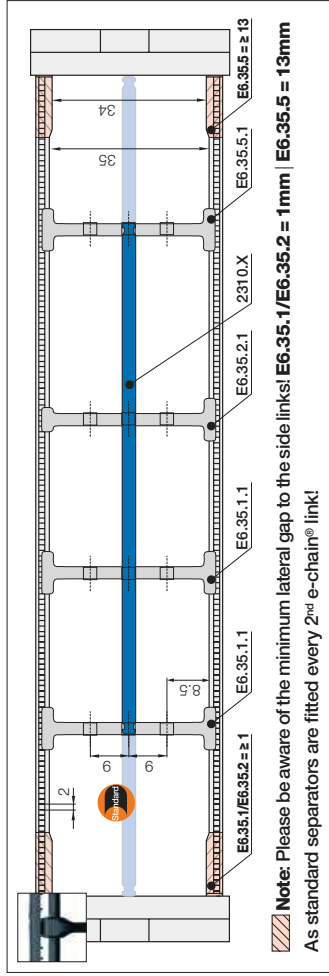
Part No. Full set	A	B	Bi
MA pivoting	[mm]	[mm]	[mm]
61.350.090.12	102	114	90
61.350.100.12	112	124	100
61.350.110.12	122	134	110
61.350.120.12	132	144	120
61.350.140.12	152	164	140

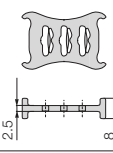
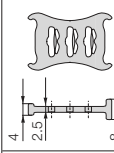
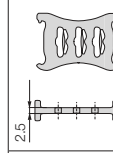
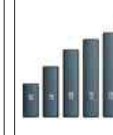
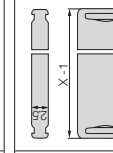
if links.

Order example



s are available from stock. The complete
2



		Standard separator, wide base E6.35.1 unassembled E6.35.1.1 assembled
		Separator, narrow top E6.35.2 unassembled E6.35.2.1 assembled
		Notch separator for notched crossbar E6.35.5 unassembled E6.35.5.1 assembled
		Shelf, lockable 2300.X unassembled 2310.X assembled

Standard - for any application

Separator with a wide base for maximum holding force.

For even faster installation

Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

Locks securely in preset increments

Notch separator for exact positioning. Recommended for side-mounted applications.

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
015	2300.015	2310.015	060	2300.060	2310.060
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030	2300.030	2310.030	065	2300.065	2310.065
038	2300.038	2310.038	070	2300.070	2310.070
040	2300.040	2310.040	075	2300.075	2310.075
050	2300.050	2310.050	077	2300.077	2310.077
057	2300.057	2310.057	080	2300.080	2310.080

Separator with integrated strain relief teeth

- Can be integrated into the mounting bracket or placed at any point
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. E6.35.02.Z - more information ▶ From page 1428

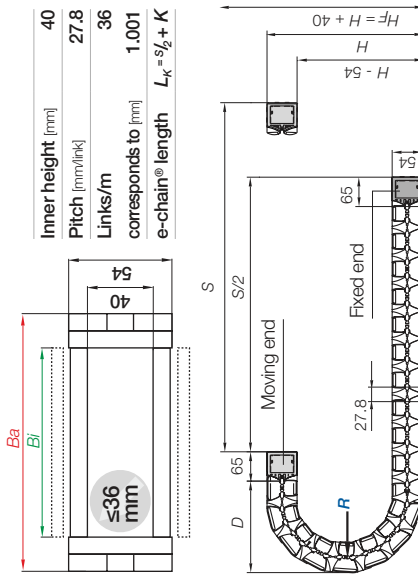
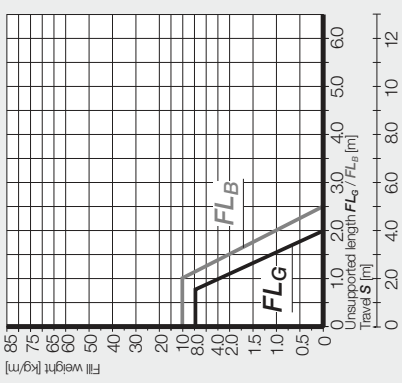


igus 3D CAD, configurators, service life calculation and more ▶ www.igus.eu/E6.1



ong the inner and outer radius

	<i>Bi</i>	<i>Ba</i>	E61.40
	[mm]	[mm]	[kg/m]
<i>R</i> .0	125	141	≈ 1,226
<i>R</i> .0	150	166	≈ 1,318
<i>R</i> .0	175	191	≈ 1,410
<i>R</i> .0	200	216	≈ 1,502
<i>R</i> .0	225	241	≈ 1,595
<i>R</i> .0	250	266	≈ 1,687
<i>R</i> .0	275	291	≈ 1,779
<i>R</i> .0	300	316	≈ 1,871



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If a gliding application is required for
a long travel, please consult igus®.

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

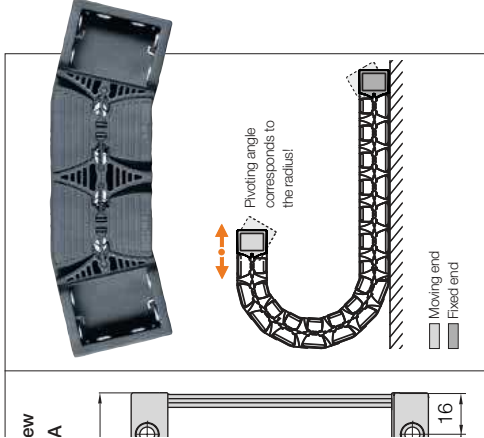


Steel support tray for support of the lower run

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

More information ▶ From page 1356

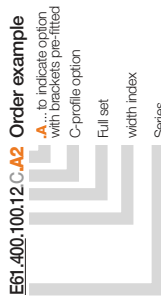




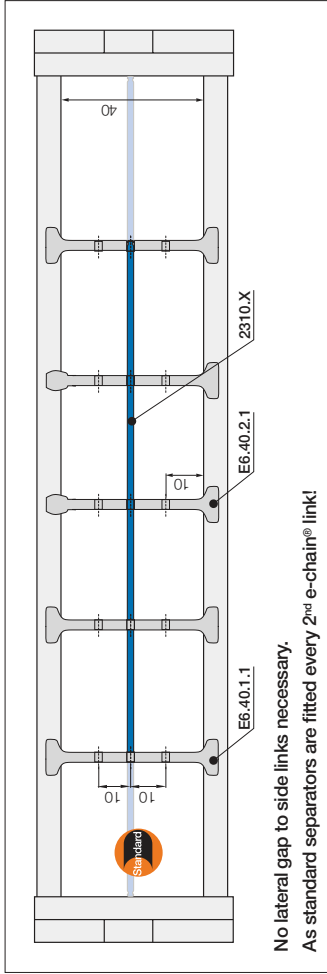
Applications

Part No. Full set	A	B	Bi
MA pivoting	[mm]	[mm]	[mm]
61.400.125.12.C	139	151	125
61.400.150.12.C	164	176	150
61.400.175.12.C	189	201	175
61.400.200.12.C	214	226	200
61.400.225.12.C	239	251	225
61.400.250.12.C	264	276	250
61.400.275.12.C	289	301	275
61.400.300.12.C	314	326	300

sets are only available for an odd number of links.



sets are available from stock. The complete
2



Standard - for any application

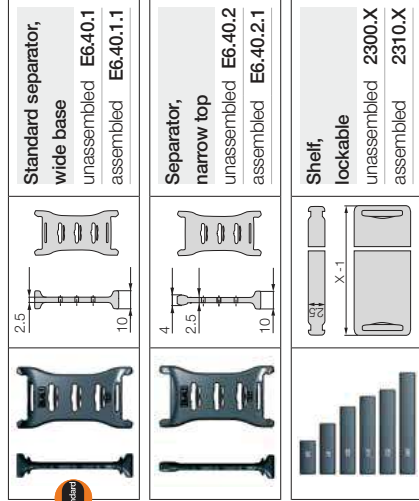
Separator with a wide base for maximum holding force.

For even faster installation

Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

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]	un assembled	assembled	X [mm]	un assembled	assembled
015	2300.015	2310.015	060	2300.060	2310.060
025	2300.025	2310.025	062	2300.062	2310.062
030	2300.030	2310.030	065	2300.065	2310.065
038	2300.038	2310.038	070	2300.070	2310.070
040	2300.040	2310.040	075	2300.075	2310.075
050	2300.050	2310.050	077	2300.077	2310.077
057	2300.057	2310.057	080	2300.080	2310.080
			125	2300.125	2310.125

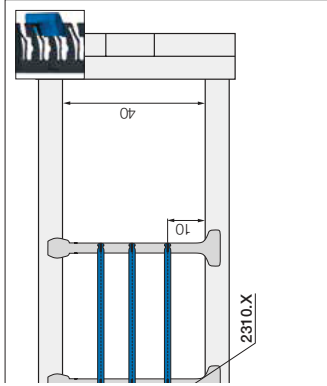
Separator with integrated strain relief teeth

- Can be integrated into the mounting bracket or placed at any point
- Combines strain relief and interior separation, for restricted space conditions
- Strain relief separator is easy to assemble without any screws

Part No. E6.40.02.Z - more information ▶ From page 1428



igus 3D CAD, configurators, service life calculation and more ▶ www.igus.eu/E6.1



separators¹⁾

ck fitting of shelves in several layers. **1) Note:** Please
 maximum 4 lean separators with one shelf. Not suitable for
 nted e-chains²⁾



Very small bend radii are possible with chainflex® CF-98 control cable in this E6.1 readychain® system. It offers smooth operation and is suitable for cleanrooms



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855

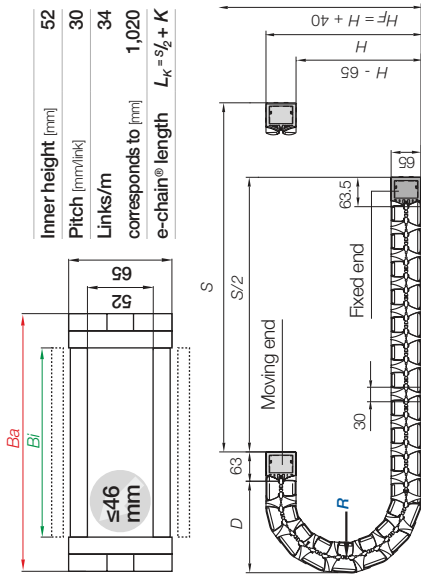
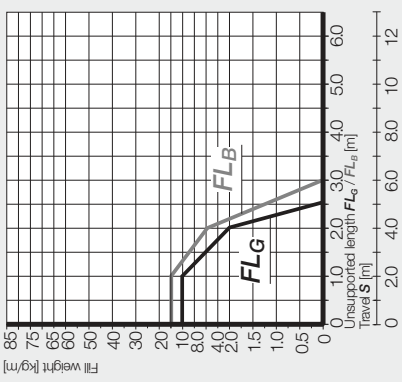


ong the inner and outer radius

	<i>Bi</i>	<i>Ba</i>	E61.52
	[mm]	[mm]	[kg/m]
<i>R.0</i>	125	149	≈ 2.060
<i>R.0</i>	150	174	≈ 2.172
<i>R.0</i>	175	199	≈ 2.283
<i>R.0</i>	200	224	≈ 2.385
<i>R.0</i>	225	249	≈ 2.507
<i>R.0</i>	250	274	≈ 2.619
<i>R.0</i>	275	299	≈ 2.731
<i>R.0</i>	300	324	≈ 2.843

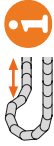


y



<i>R</i>	075	100	125	150	175	200
<i>H</i>	265	315	365	415	465	515
<i>D</i>	153	178	203	228	253	278
<i>K</i>	300	375	455	535	610	690

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



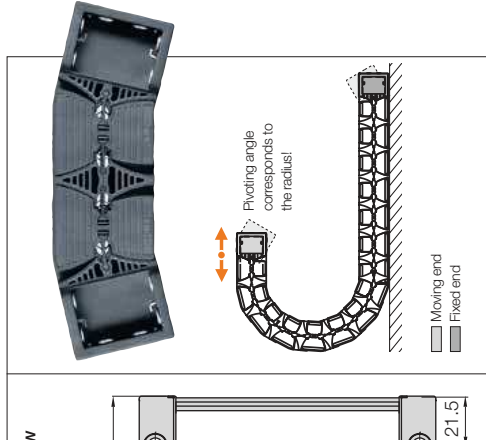
If a gliding application is required for
a long travel, please consult igus®.

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





Applications

Part No. Full set	A	B	Bi
MA pivoting	[mm]	[mm]	[mm]
61.520.125.12.C	155	141	125
61.520.150.12.C	180	166	150
61.520.175.12.C	205	191	175
61.520.200.12.C	230	216	200
61.520.225.12.C	255	241	225
61.520.250.12.C	280	266	250
61.520.275.12.C	300	291	275
61.520.300.12.C	330	316	300

sets are only available for an odd number of links.

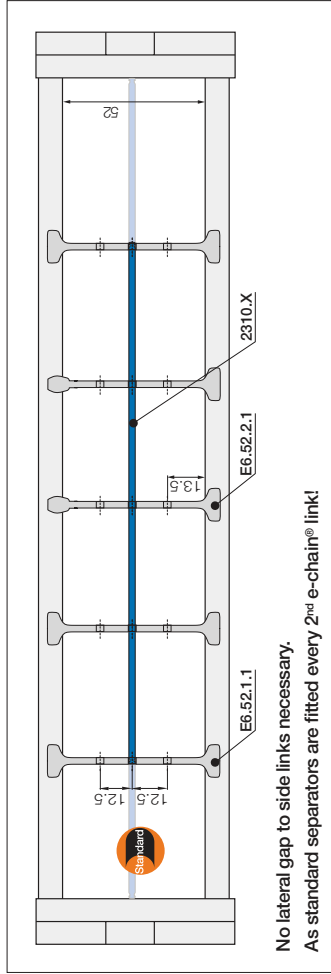


E61.520.100.12.C.A2 Order example
A...to indicate option with brackets pre-fitted
C-profile option
Full set
width index
Series

s are available from stock. The complete
2



igus 3D CAD, configurators, service life calculation and more ► www.igus.eu/E6.1



Standard - for any application

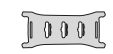
Separator with a wide base for maximum holding force.

For even faster installation

Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

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.

		Standard separator, wide base unassembled E6.52.1 assembled E6.52.1.1
		Separator, narrow top unassembled E6.52.2 assembled E6.52.2.1
		Shelf, lockable unassembled 2300.X assembled 2310.X

Shelves

Width = X [mm]



X [mm]	un assembled	assembled	X [mm]	un assembled	assembled
015	2300.015	2310.015	060	2300.060	2310.060
025	2300.025	2310.025	062	2300.062	2310.062
030	2300.030	2310.030	065	2300.065	2310.065
038	2300.038	2310.038	070	2300.070	2310.070
040	2300.040	2310.040	075	2300.075	2310.075
050	2300.050	2310.050	077	2300.077	2310.077
057	2300.057	2310.057	080	2300.080	2310.080
			125	2300.125	2310.125



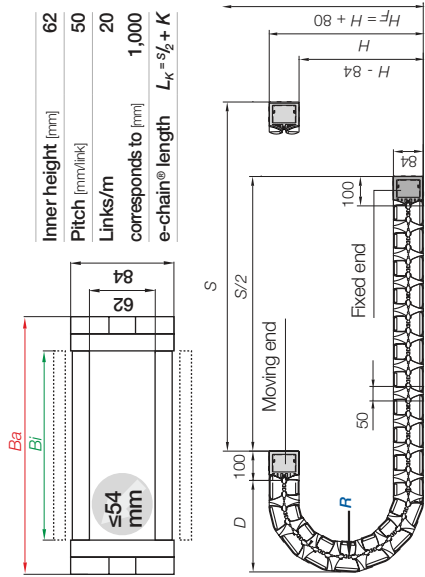
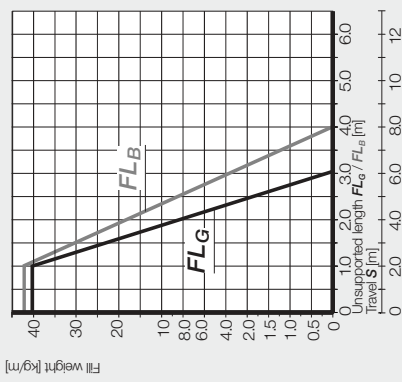
ong the inner and outer radius

		Bi	Ba	E61.62
		[mm]	[mm]	[kg/m]
R.0		212	244	≈ 3.076
R.0		225	257	≈ 3.121
R.0		237	269	≈ 3.162
R.0		250	282	≈ 3.207
R.0		262	294	≈ 3.249
R.0		275	307	≈ 3.294
R.0		287	319	≈ 3.336
R.0		300	332	≈ 3.381
R.0		312	344	≈ 3.422
R.0		325	357	≈ 3.467
R.0		337	369	≈ 3.509
R.0		350	382	≈ 3.554
R.0		362	394	≈ 3.596
R.0		375	407	≈ 3.641
R.0		387	419	≈ 3.682
R.0		400	432	≈ 3.782

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R	115
H	384
D	232
K	485

The required clearance height: $H_f = H + 80\text{mm}$ (with 2.0kg/m fill weight)

 If a gliding application is required for a long travel, please consult igus®.

Steel support tray for support of the lower run

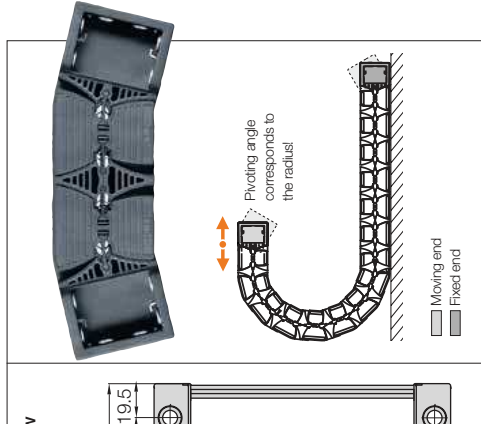
- Simple one-piece support trays for the lower run
- To your requirements and specification
- 4 options available

More information ▶ From page 1356



igus 3D CAD, configurators, service life calculation and more ▶ www.igus.eu/E6.1

igus



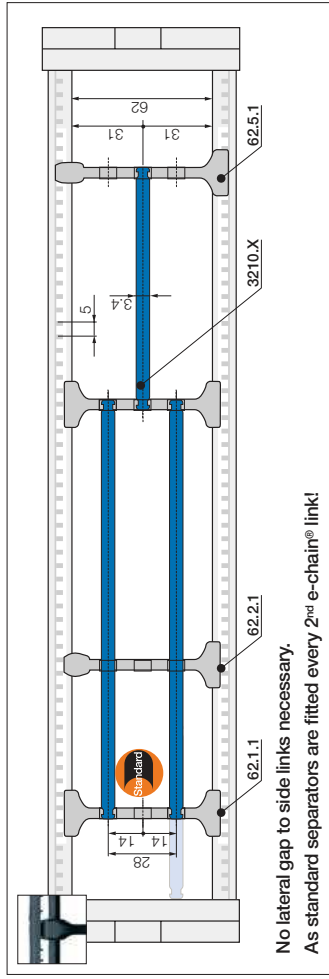
Applications

Part No. Full set	A	B	B1
	[mm]	[mm]	[mm]
IMA pivoting			
61.620.212.12 C	252	234	212
61.620.23. 12 C	265	247	225
61.620.237.12 C	277	259	237
61.620.25. 12 C	290	272	250
61.620.262.12 C	302	284	262
61.620.28. 12 C	315	297	275
61.620.28. 12 C	327	309	287
61.620.30. 12 C	340	322	300
61.620.312.12 C	352	334	312
61.620.325.12 C	365	347	325
61.620.337.12 C	377	359	337
61.620.350.12 C	390	372	350
61.620.362.12 C	402	384	362
61.620.375.12 C	415	397	375
61.620.387.12 C	427	409	387
61.620.400.12 C	440	442	400

ats are only available for an odd number of links.



2 s are available from stock. The complete



Standard - for any application

Separator with a wide base for maximum holding force.

For even faster installation

Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

Locks securely in preset increments

Notch separator for exact positioning. Recommended for side-mounted applications.
(*Suitable from Bi 75)

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]		x [mm]		x [mm]	
	un assembled	assembled	un assembled	assembled	un assembled	assembled
050	3200.050	3210.050	125	3200.125	225	3200.225
075	3200.075	3210.075	150	3200.150	250	3200.250
100	3200.100	3210.100	175	3200.175		
115	3200.115	3210.115	200	3200.200		

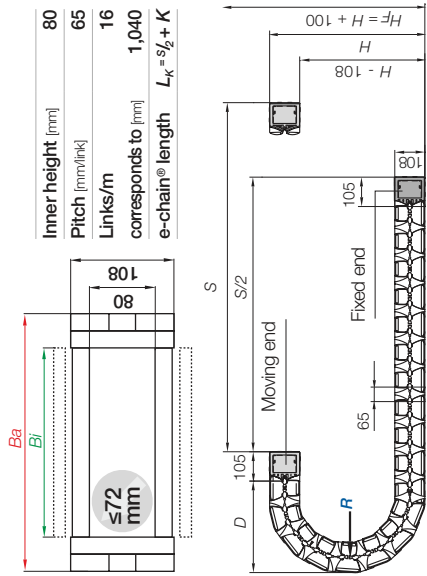
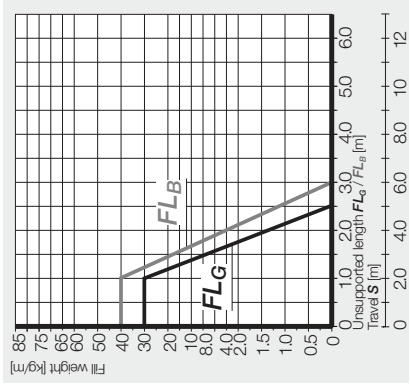
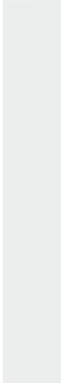
Shelves
Width = $X_{[mm]}$





ong the inner and outer radius

	Bi	Ba	E61.80
	[mm]	[mm]	[kg/m]
R.0	312	362	≈ 4,185
R.0	325	375	≈ 4,249
R.0	337	387	≈ 4,307
R.0	350	400	≈ 4,371
R.0	362	412	≈ 4,429
R.0	375	425	≈ 4,493
R.0	387	437	≈ 4,551
R.0	400	450	≈ 4,615
R.0	412	462	≈ 4,673
R.0	425	475	≈ 4,737
R.0	437	487	≈ 4,797
R.0	450	500	≈ 4,847
R.0	462	512	≈ 4,907
R.0	475	525	≈ 4,967
R.0	487	537	≈ 5,027
R.0	500	550	≈ 5,087
R.0	512	562	≈ 5,147
R.0	525	575	≈ 5,207
R.0	537	587	≈ 5,267
R.0	550	600	≈ 5,327
R.0	600	650	≈ 5,657



R	150
H	508
D	301.5
K	605

The required clearance height: $H_f = H + 80\text{mm}$ (with 5.0kg/m fill weight)



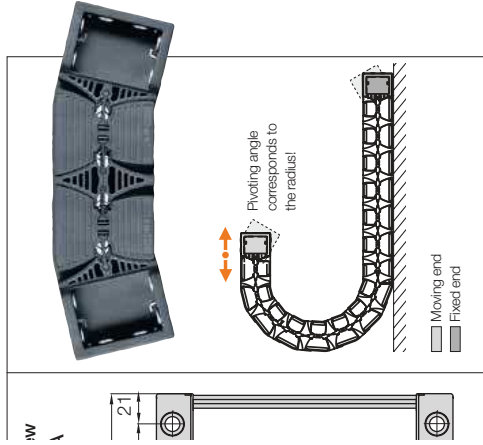
If a gliding application is required for a long travel, please consult igus®.

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



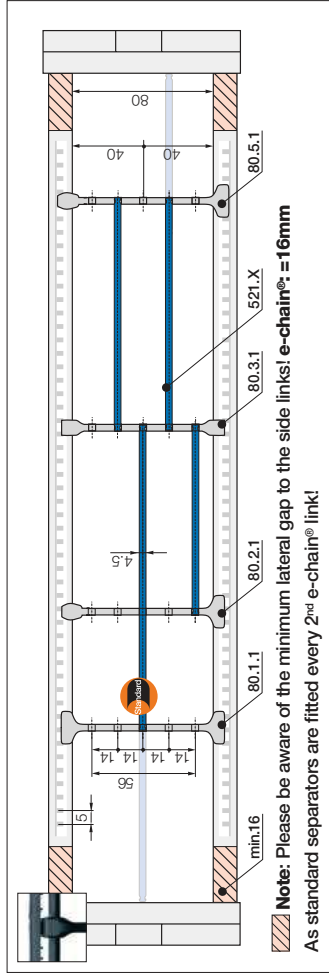


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E-mail: lin-tech@hennlich.cz

www.hennlich.cz/lin-tech



Standard - for any application

Separator with a wide base for maximum holding force.

	Standard separator, wide base	80.1.1	80.1.2	80.2.1	80.3.1	80.5.1
unassembled	80.1	80.1	80.1	80.1	80.1	80.1
assembled	80.1.1	80.1.1	80.1.1	80.1.1	80.1.1	80.1.1

For even faster installation

Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

	Separator, narrow top	80.2	80.2.1
unassembled	80.2	80.2	80.2
assembled	80.2.1	80.2.1	80.2.1

For a large number of thin cables

Separator with a narrow base for a large number of thin cables side by side. Saves space.

	Separator, narrow	80.3	80.3.1
unassembled	80.3	80.3	80.3
assembled	80.3.1	80.3.1	80.3.1

Locks securely in preset increments

Notch separator for exact positioning. Recommended for side-mounted applications.

	Notch separator for notched crossbar	80.5	80.5.1
unassembled	80.5	80.5	80.5
assembled	80.5.1	80.5.1	80.5.1

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.

	Shelf, lockable	520.X	521.X
unassembled	520.X	520.X	520.X
assembled	521.X	521.X	521.X

Shelves
Width = X [mm]



X [mm]	unassembled	assembled	X [mm]	unassembled	assembled
050	520.050	521.050	150	520.150	521.150
065	520.065	521.065	175	520.175	521.175
075	520.075	521.075	200	520.200	521.200
100	520.100	521.100	225	520.225	521.225
125	520.125	521.125	250	520.250	521.250

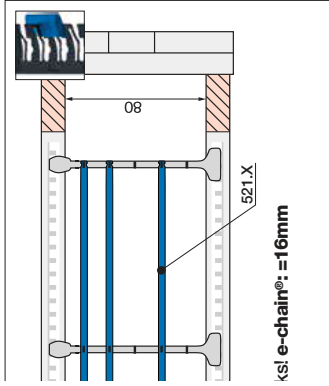
E61.800.100.12.C.A2 Order example
A to indicate option with brackets pre-fitted



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

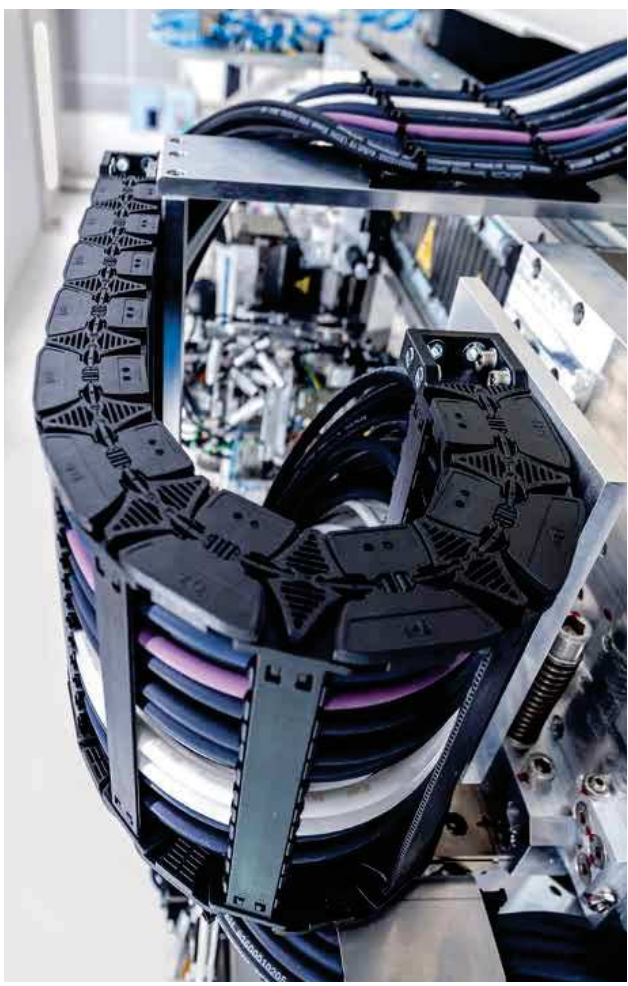


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separators¹⁾

1) k fitting of shelves in several layers. **Note:** Please maximum 4 lean separators with one shelf. Not suitable for fitted e-chains!



Fully harnessed e-chain systems® to your requirements. E6.1 e-chain® system and chainflex® cables both cleanroom suitable in the semiconductor industry

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