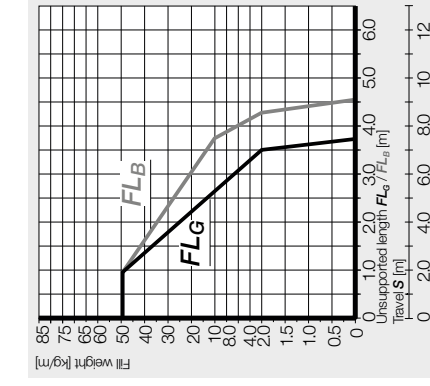


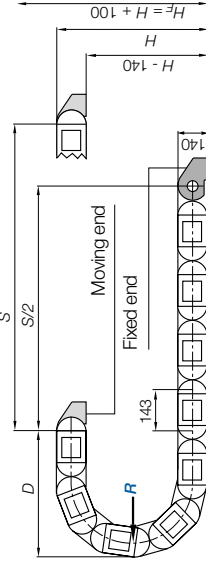


bars removable along the inner and outer radius) along the outer radius, from one side)

e-tubes	Bi	Ba	1640	1608
	[mm]	[mm]	[kg/m]	[kg/m]
28. R.0	287	321	≈ 6.29	-
30. R.0	300	334	≈ 6.34 ≈ 9.09	-
31. R.0	312	346	≈ 6.41	-
32. R.0	325	359	≈ 6.48	-
33. R.0	337	371	≈ 6.59	-
35. R.0	350	384	≈ 6.61 ≈ 9.79	-
36. R.0	362	396	≈ 6.67	-
37. R.0	375	409	≈ 6.71	-
38. R.0	387	421	≈ 6.76	-
40. R.0	400	434	≈ 6.89 ≈ 10.49	-
41. R.0	412	446	≈ 6.99	-
42. R.0	425	459	≈ 7.08	-
43. R.0	437	471	≈ 7.13	-
45. R.0	450	484	≈ 7.17	-
46. R.0	462	496	≈ 7.18	-
47. R.0	475	509	≈ 7.22	-
48. R.0	487	521	≈ 7.27	-
50. R.0	500	534	≈ 7.35 ≈ 11.78	-
51. R.0	512	546	≈ 7.36	-
52. R.0	525	559	≈ 7.39	-
53. R.0	537	571	≈ 7.49	-
55. R.0	550	584	≈ 7.80	-
60. R.0	600	634	≈ 7.92	-



1640 Inner height [mm]	112
R1608 Inner height [mm]	108
Pitch [mm/inch]	143
Links/m	8
e-chain® corresponds to [mm]	1,001
e-chain® length	$L_k = S/2 + K$

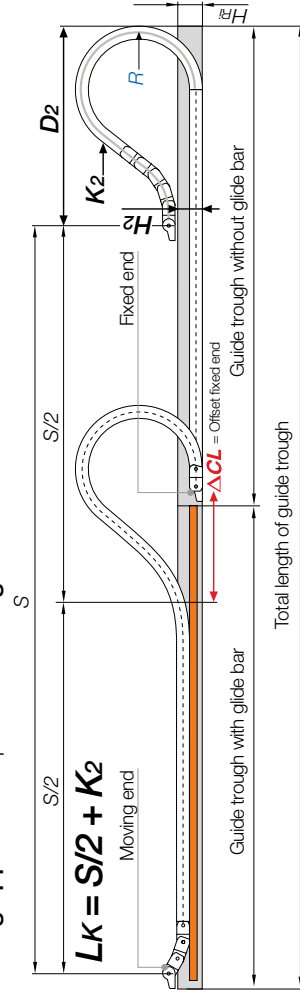


R	200*	250	300	350	400	450	500	550	600
H	540	640	740	840	940	1,040	1,140	1,240	1,340
D	485	535	585	635	685	735	785	835	885
K	915	1,075	1,230	1,390	1,545	1,700	1,860	2,015	2,175

The required clearance height: $H_f = H + 100\text{mm}$ (with 5.0kg/m fill weight)

*Radius not available for e-tubes

Gliding applications | For travel lengths from 14m to max. 400m

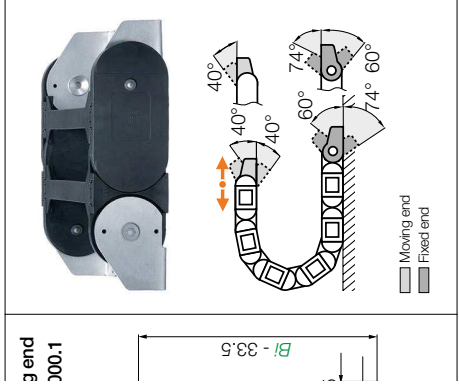


Note: We recommend the project planning of such a system to be carried out by igus®.

In case of travels between 9 and 14m we recommend an e-chain® with a longer unsupported length.

R	200*	250	300	350	400	450	500	550	600
H ₂	325	325	325	325	325	325	325	325	325
D ₂ *25	900	1,000	1,100	1,250	1,450	1,600	1,700	1,900	2,050
K ₂	1573	1,716	1,859	2,288	2,574	2,860	3,146	3,432	3,861
ΔCL	450	500	550	650	800	900	950	1,100	1,200

*Radius not available for e-tubes

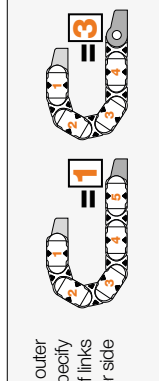


ing and vertical hanging applications



d

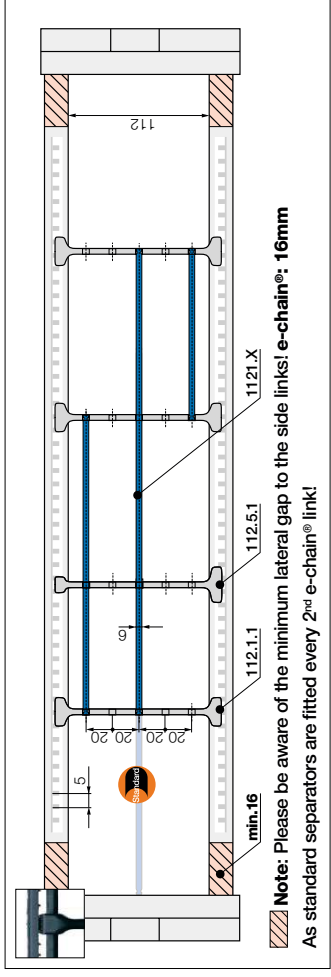
nding with



16000.1.12.VS.A2 Order example

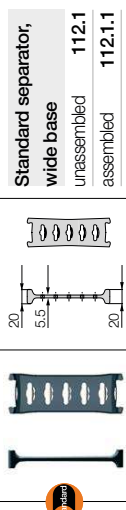
- A...** to indicate option with brackets pre-fitted
- Pre-assembled
- Full set, pivoting
- Odd numbers of links
- Series

s are available from stock. The complete 2



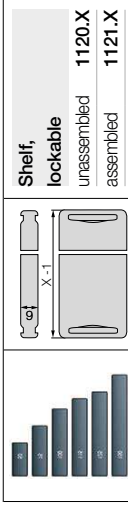
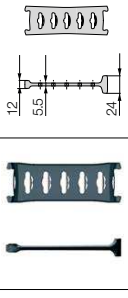
Standard - for any application

Separator with a wide base for maximum holding force.



Standard separator, wide base	unassembled	112.1
	assembled	112.1.1

Notch separator for notched crossbar	unassembled	112.5
	assembled	112.5.1



Shelf, lockable	unassembled	1120.X
	assembled	1121.X

Locks securely in preset increments

Notch separator for exact positioning.

Recommended for side-mounted applications.

Horizontal separation

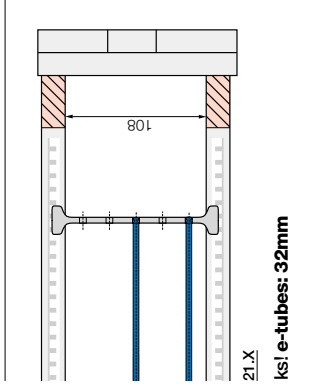
Full-width shelf locks securely into separators at both ends, giving a fixed width. Can be used as full-width or partial shelf.

Shelves

Width = X (mm)



X (mm)	unassembled	assembled	X (mm)	unassembled	assembled
050	1120.050	1121.050	300	1120.300	1121.300
065	1120.065	1121.065	350	1120.350	1121.350
075	1120.075	1121.075	375	1120.375	1121.375
100	1120.100	1121.100	387	1120.387	1121.387
125	1120.125	1121.125	450	1120.450	1121.450



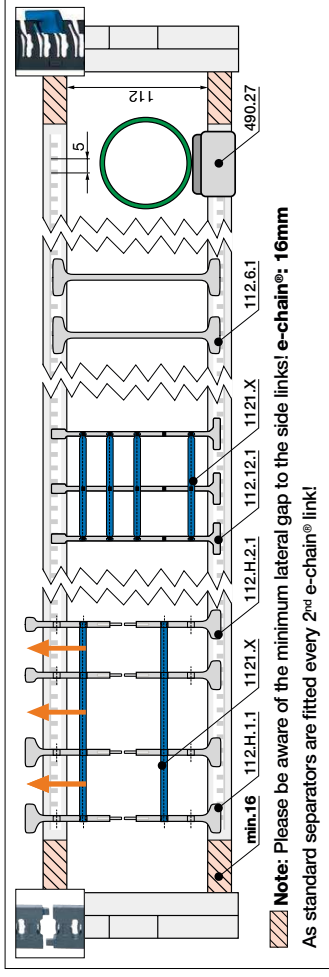
ks! e-tubes: 32mm

ard - for any application
 or with a wide base for maximum holding force.

ntal separation
 in shelf locks securely into separators at both ends,
 fixed width. Can be used as full-width or partial shelf.

assembled	X (mm)	unassembled	assembled
1121.150	300	1120.300	1121.300
1121.175	350	1120.350	1121.350
1121.200	375	1120.375	1121.375
1121.225	387	1120.387	1121.387
1121.250	450	1120.450	1121.450

Interior separation | To allow faster filling | Only for e-chains®



Split separator,
 wide base/top*
 unassembled 112.H.1
 assembled 112.H.1.1

Split separator,
 narrow top*
 unassembled 112.H.2
 assembled 112.H.2.1

Lean
 separator*¹⁾³⁾
 unassembled 112.12
 assembled 112.12.1

With the lean 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



More interior separation options | Only for e-chains®

Notch locking separator*,
 lockable for e-chains®
 unassembled 112.6
 assembled 112.6.1

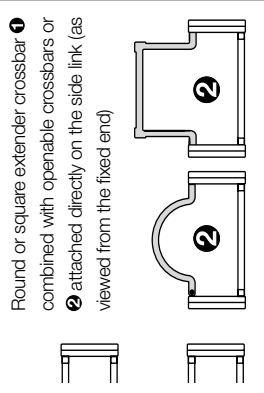
Rollclip*,
 for e-chains®
 unassembled 489.27
 assembled 490.27

Notch locking separator* for increased holding
 force

Notch locking separators offer higher crossbar opening
 forces for high humidity and/or large hydraulic hoses. They
 can be positioned precisely and then locked in position.

Rollclip*

Minimises abrasion of sensitive hoses. Simply clamps onto
 the opening crossbar. The movable rollers compensate for
 relative movement between the e-chain® and hose. *Only
 suitable for e-chains®



or large hoses

crossbars
link
groove

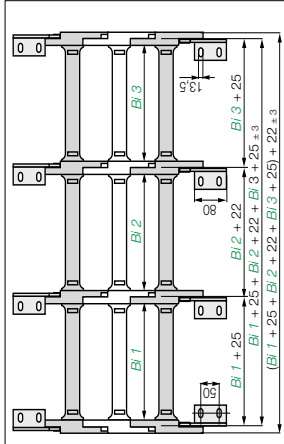
❷ Fitted to side link	❶ Combine with operable crossbars
No	Yes
Yes	No
Yes	No
Yes	No
Yes	No
No	Yes
No	Yes
No	Yes

®, please add index **E**: 1640.10/15RHDE115/10.R.0
®, please add index **Z**: 1640.10/15RHZ115/10.R.0

chain®, please add index **E**: 1640.17RDE115.R.0
chain®, please add index **Z**: 1640.17RDZ115.R.0



www.uk/R1608

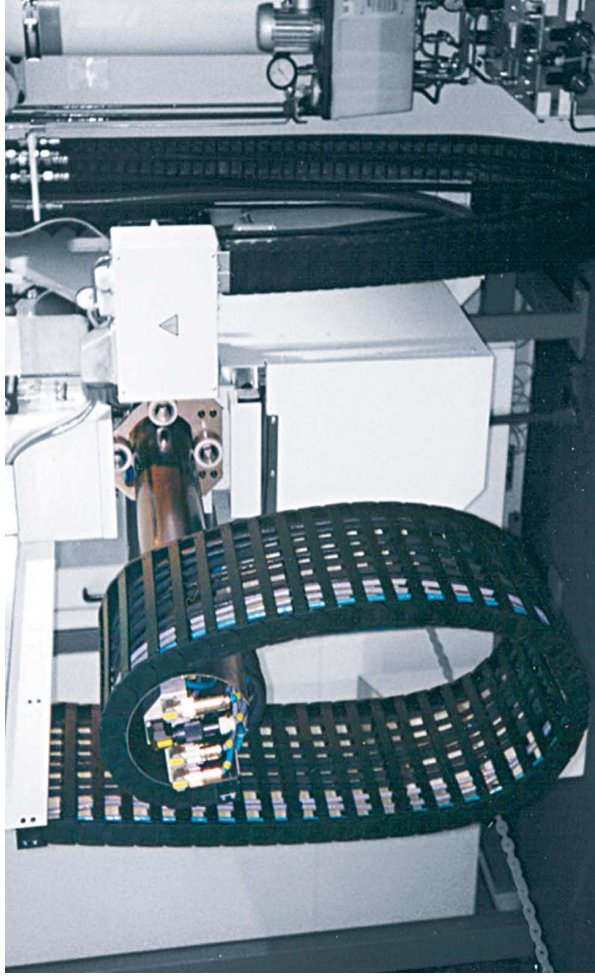


Extension links | For extremely wide e-chains® up to 3.0m

- Virtually unlimited side-by-side extension
- For extremely wide e-chains® up to 3000mm
- Unsupported length FL_g max. can be increased when heavy fill weights are required
- e-chains® and e-tubes can be combined
- Attached with KMA or steel mounting brackets

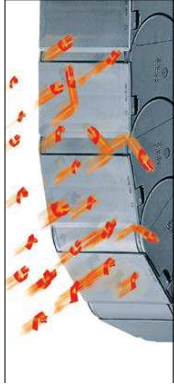
Part No.	Part No.
Extension link e-chain®	Extension link e-tube
1640.Bi1/Bi2/Bi3.R.0	R1608.Bi1/Bi2/Bi3.R.0
	6022.R.

Complete Part No. with the width index **Bi1/Bi2/Bi3/etc.** and the radius **(R)**. Example: **1640.10/20/10.200.0**



Circular movements (also with Reverse Bend Radius "FBR") are possible

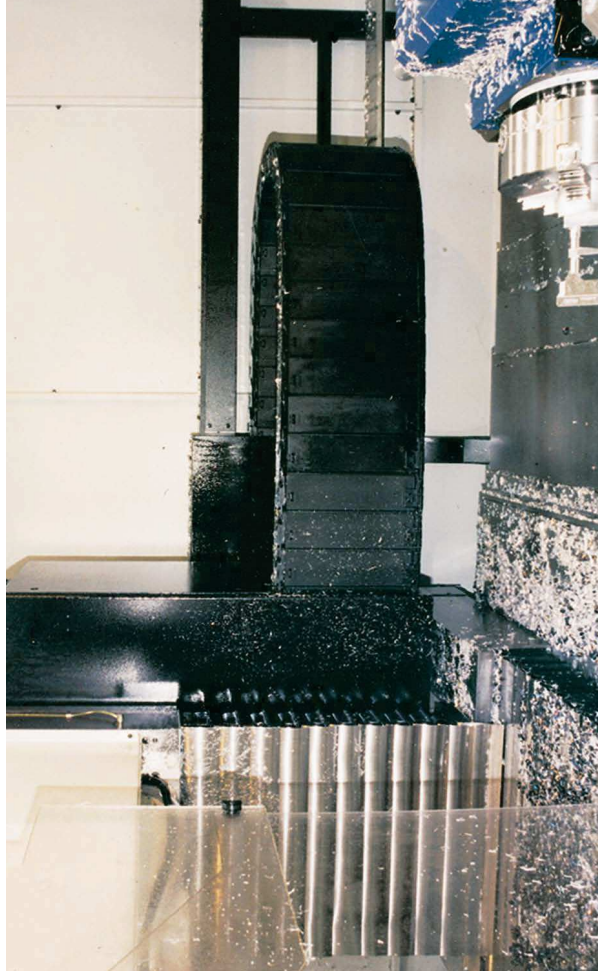
igus 3D CAD, service life calculation, configurators and more ► www.igus.co.uk/E4light



DSSES contact



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Side-mounted E4/light e-tubes - machine tool fitted with a swarf-repellent e-tube from the E4 modular system

igus 3D CAD, service life calculation, configurators and more ► www.igus.co.uk/E4light



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