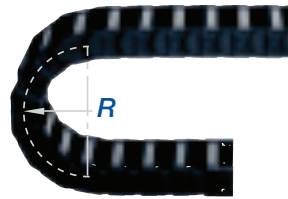


Part No. structure

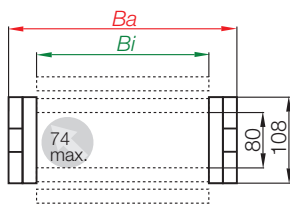
5050. 30. 300. 0



Series 5050 - E-Chain® with crossbars every link



- Crossbars every link
- For rigid hydraulic hoses
- For applications particularly demanding
- Can be opened from two sides

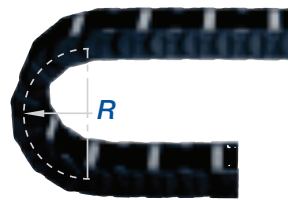


Part No. structure

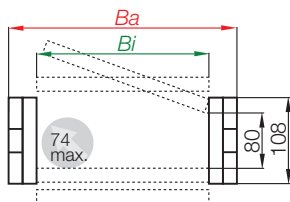
5150. 30. 300. 0



Series 5150 - E-Chain® with crossbars every 2<sup>nd</sup> link



- Crossbars every 2<sup>nd</sup> link = Standard
- For nearly every situation
- Can be opened from two sides
- Easy assembly
- Stable
- Attractive price

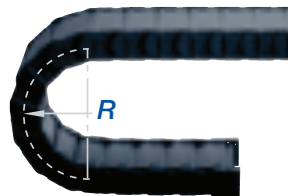


Part No. structure

9850. 30. 300. 0



Series R9850 - Fully enclosed E-Tube



- Fully enclosed
- Excellent cable protection against dirt
- Protection against hot chips (up to 900°C)
- Lids along the entire inner radius are completely removable. Lids along the entire outer radius are single sided snap-open with a hinge on the other side to keep them attached to the chain or completely removable.



**Rol instead of gliding: Rol E-Chain®**

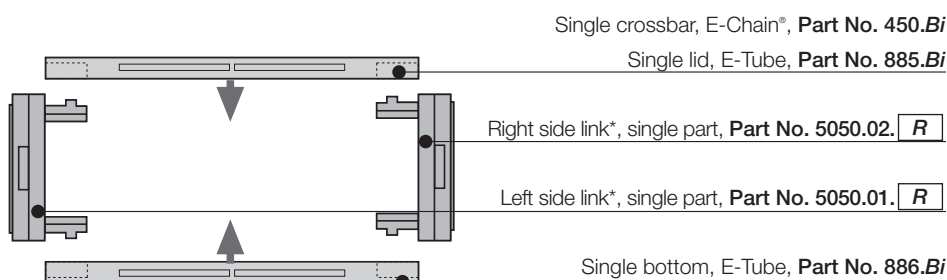
Special solution for long travels. 75% less drive power (gliding application) with igus® Rol E-Chain®.  
Series 5050R and 9850R - Order example 5050R.30.300.0  
Further information: [www.igus.de/en/role](http://www.igus.de/en/role)  
or phone: +49-0 22 03-96 49-800



Part No.		<i>Bi</i> [mm]	<i>Ba</i> [mm]	5050 [kg/m]	5150 [kg/m]	R9850 [kg/m]
5050/5150.05.	<input type="checkbox"/> .0	50	100	≈ 5,63	≈ 5,62	-
5050/5150.06.	<input type="checkbox"/> .0	65	115	≈ 5,70	≈ 5,68	-
5050/5150/9850.07.	<input type="checkbox"/> .0	75	125	≈ 5,79	≈ 5,70	≈ 6,24
5050/5150.08.	<input type="checkbox"/> .0	87	137	≈ 5,89	≈ 5,76	-
5050/5150/9850.10.	<input type="checkbox"/> .0	100	150	≈ 5,96	≈ 5,79	≈ 6,52
5050/5150.11.	<input type="checkbox"/> .0	112	163	≈ 6,09	≈ 5,85	-
5050/5150/9850.12.	<input type="checkbox"/> .0	125	175	≈ 6,16	≈ 5,89	≈ 6,89
5050/5150.13.	<input type="checkbox"/> .0	137	188	≈ 6,29	≈ 5,95	-
5050/5150/9850.15.	<input type="checkbox"/> .0	150	200	≈ 6,36	≈ 5,98	≈ 7,32
5050/5150.16.	<input type="checkbox"/> .0	162	213	≈ 6,47	≈ 6,04	-
5050/5150.17.	<input type="checkbox"/> .0	175	225	≈ 6,58	≈ 6,09	-
5050/5150.18.	<input type="checkbox"/> .0	187	238	≈ 6,69	≈ 6,15	-
5050/5150/9850.20.	<input type="checkbox"/> .0	200	250	≈ 6,71	≈ 6,16	≈ 7,89
5050/5150.21.	<input type="checkbox"/> .0	212	263	≈ 6,82	≈ 6,22	-
5050/5150.22.	<input type="checkbox"/> .0	225	275	≈ 6,89	≈ 6,25	-
5050/5150.23.	<input type="checkbox"/> .0	237	288	≈ 7,02	≈ 6,31	-
5050/5150/9850.25.	<input type="checkbox"/> .0	250	300	≈ 7,11	≈ 6,36	≈ 8,61
5050/5150.26.	<input type="checkbox"/> .0	262	313	≈ 7,19	≈ 6,40	-
5050/5150/9850.27.	<input type="checkbox"/> .0	275	325	≈ 7,30	≈ 6,46	≈ 8,82
5050/5150.28.	<input type="checkbox"/> .0	287	338	≈ 7,33	≈ 6,47	-
5050/5150/9850.30.	<input type="checkbox"/> .0	300	350	≈ 7,55	≈ 6,58	≈ 9,27
5050/5150.31.	<input type="checkbox"/> .0	312	363	≈ 7,58	≈ 6,60	-
5050/5150.32.	<input type="checkbox"/> .0	325	375	≈ 7,63	≈ 6,62	-
5050/5150.33.	<input type="checkbox"/> .0	337	388	≈ 7,81	≈ 6,71	-
5050/5150/9850.35.	<input type="checkbox"/> .0	350	400	≈ 7,96	≈ 6,79	≈ 10,02
5050/5150.36.	<input type="checkbox"/> .0	362	413	≈ 7,97	≈ 6,80	-
5050/5150.37.	<input type="checkbox"/> .0	375	425	≈ 7,99	≈ 6,80	-
5050/5150.38.	<input type="checkbox"/> .0	387	438	≈ 8,07	≈ 6,84	-
5050/5150/9850.40.	<input type="checkbox"/> .0	400	450	≈ 8,27	≈ 6,94	≈ 10,98
5050/5150.41.	<input type="checkbox"/> .0	412	463	≈ 8,43	≈ 7,02	-
5050/5150.42.	<input type="checkbox"/> .0	425	475	≈ 8,58	≈ 7,10	-
5050/5150.43.	<input type="checkbox"/> .0	437	488	≈ 8,65	≈ 7,13	-
5050/5150.45.	<input type="checkbox"/> .0	450	500	≈ 8,71	≈ 7,16	-
5050/5150/9850.46.	<input type="checkbox"/> .0	462	513	≈ 8,73	≈ 7,17	≈ 11,44
5050/5150.47.	<input type="checkbox"/> .0	475	525	≈ 8,87	≈ 7,24	-
5050/5150.48.	<input type="checkbox"/> .0	487	538	≈ 8,88	≈ 7,26	-
5050/5150.50.	<input type="checkbox"/> .0	500	550	≈ 9,00	≈ 7,30	-
5050/5150.51.	<input type="checkbox"/> .0	512	563	≈ 9,02	≈ 7,32	-
5050/5150.52.	<input type="checkbox"/> .0	525	575	≈ 9,06	≈ 7,34	-
5050/5150.53.	<input type="checkbox"/> .0	537	588	≈ 9,22	≈ 7,41	-
5050/5150.55.	<input type="checkbox"/> .0	550	600	≈ 9,70	≈ 7,66	-
5050/5150.60.	<input type="checkbox"/> .0	600	650	≈ 9,90	≈ 7,76	-

Available bending radii  
*R* [mm] 150\* 200 250 300 350 400 500 550 600 650 1000

Supplement Part No. with required radius. Example: 5050.30.300.0  
 0 = standard color, other colors ▶ page 1.39 · Pitch = 91 mm/link - Links/m = 11

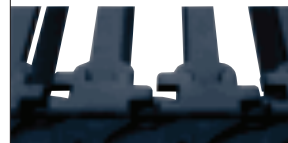


## Hot Chips up to 850°C

E-Tubes that repel hot chips, up to 850°C. Some applications, depending on amount and size of the chips, can burn or melt the surface. That is no longer the case with the igus® "igumid HT" material. Order example: Full E-Tube made of HT\*: **9850.40.250.0.HT**  
 Lids made of HT: **9850.40.HTE.250.0**  
\*for long travels upon request  
 Further Information: [www.igus.de/en/HT](http://www.igus.de/en/HT)  
**Delivery time up to 4 weeks!**

## Extreme Glider...

...with up to 70% larger glide surface. For high additional loads and high gliding speeds. Gliding applications without additional elements as well as 150% more wear allowance and improvement of service life by factor 4!  
 Order example: **5050.35G.250.0**  
**5050.45G.250.0**  
 Further information: phone +49-0 22 03-96 49-800



\*not available for R9850



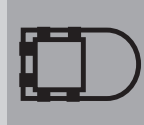
Extender crossbar for large diameter hoses ▶ page 7.274

## Part No. E-Chain® - links, single parts

\*View from the fixed point of the E-Chain®/E-Tube

System E4/4  
 Inner height: 80 mm

Phone +49- (0) 22 03-96 49-800  
 Fax +49- (0) 22 03-96 49-222



▶ page 7.223