

For the following igus® Series

System E4

- E4.56/H4.56/R4.56
- 400/410/R880
- 4040/4140/R8840
- 4040HD/R8840HD
- 14040/14140/R18840
- 14240/14340

System E6

- E6.62



Fixed end module

Quick installation of the mounting brackets due to the prepared bores

▶ page 9.62

B_a = Outer e-chain® width

B_i = Inner e-chain® width

h_a = e-chain® outer height

H_{Ri} = Inner trough height

H_{Ra} = Outer trough height

B_{Ri} = Inner trough width ▶ depends on dim. B_a

B_{Ra} = Outer trough width

n_{Mon} = Number of installation sets (left/right)

n_{Ri} = Number of trough sets (left/right)

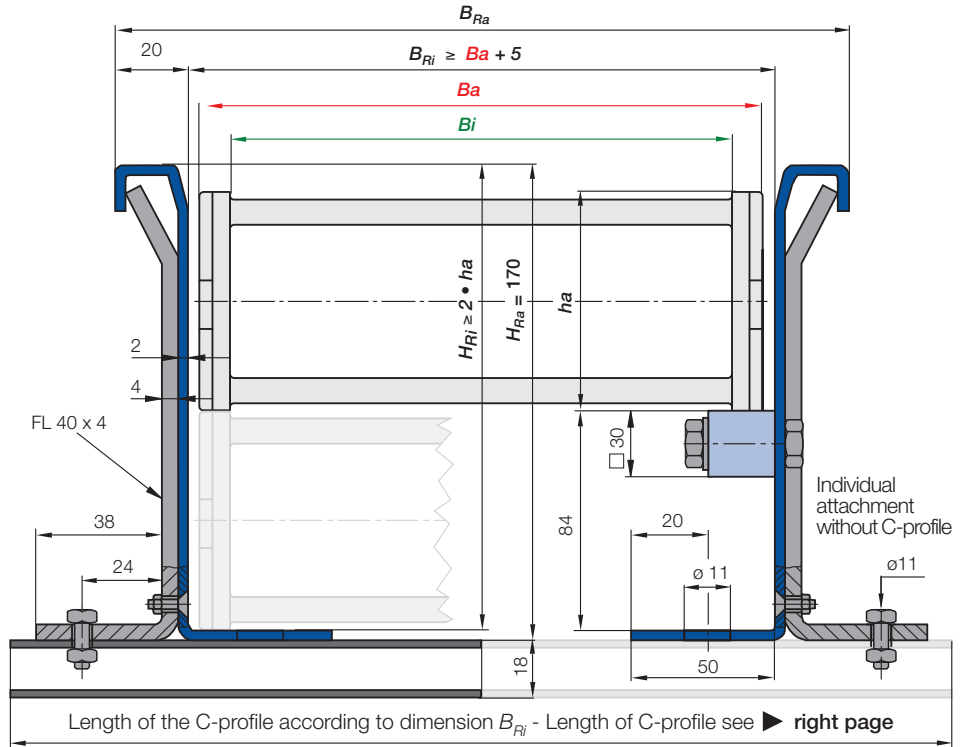
$H_{Ri} \geq 2 \cdot h_a$
 $B_{Ri} \geq B_a + 5$

= Guide trough

= Glide bar

= Installation set

= C-profile



Steel Guide Trough components - Sets and single parts

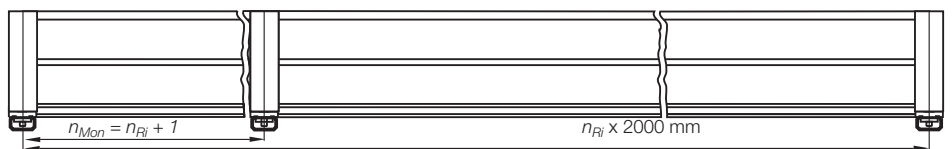
Complete guide trough sets - description	Part No.	Weight	kg
Set of 2 trough side parts without glide bars, 2 m section	94.30	≈ 14,70 kg	
Set of 2 trough side parts with glide bars, 2 m section	94.31	≈ 19,00 kg	
1 Installation set with C-profile	94.50. <input type="text"/>		
1 Installation set without C-profile	94.50	≈ 0,58 kg	
Single parts - description			
1 glide bar, individual, each 2 m	93.01	≈ 1,68 kg	
1 glide bar, individual, each 2 m + 11 screw sets	93.20	≈ 2,22 kg	
11 screw sets for 2 m sections	93.21	≈ 0,54 kg	
1 Clamping bracket, individual	94.51	≈ 0,25 kg	
1 Countersunk-head screw M6 x 14, individual	92.53		
1 Hexagon nut M6, individual	92.54		
1 Hexagon-head screw M10 x 16, individual	92.55		
1 Glide nut M10, individual	92.56		
1 C-profile, individual	92.52. <input type="text"/>	≈ 0,90 kg/m	

Supplement Part No. with the indicated C-profile-length-index. Example: 94.50.225

C-profile-length-index for your chosen trough inner width B_{Ri} ▶ right table

Trough side parts also available in stainless steel. Please add index "E" to the Part No. 94.30.E

Principle sketch: Number of installation sets which have to be installed



Calculation - travel center mounted

Half travel length, rounded down to full 2 m sections = **X m guide trough length without glide bars**
+ X m guide trough length with glide bars + installation sets
(number of trough pieces + 1)

Order example: Length of travel 30 m - Center mounted for Series E4.56.06.200.0 with $B_{Ri} = 104$

Guide trough-set of 2 trough side parts, without glide bars:	16 m Guide trough = 8 x 2 m sections (without glide bars)	Part No. 94.30
Guide trough-set of 2 trough side parts, with assembled glide bars:	16 m Guide trough = 8 x 2 m sections (with glide bars)	Part No. 94.31
Installation sets complete (Guide trough-sets + 1)	17 Installation sets (with C-profile)	Part No. 94.50.225

Part No. Installation set: Steel Guide Trough with C-profile (in dependance of the width)

E4.56/H4.56/R4.56		400/410/R880		4040/4140/R8840		4040HD/R8840HD		14040/14140/R18840		14240/14340		E6.62		
E4.56.10.200.0		400.10.200.0		4040.05.200.0		4040HD.05.200.0		14040.05.200.0		14240.05.200.0		E6.62.05.200.0		
B_{Ri}	Part No.	B_{Ri}	Part No.	B_{Ri}	Part No.	B_{Ri}	Part No.	B_{Ri}	Part No.	B_{Ri}	Part No.	B_{Ri}	Part No.	
[mm]	Installation set	[mm]	Installation set	[mm]	Installation set	[mm]	Installation set	[mm]	Installation set	[mm]	Installation set	[mm]	Installation set	
.05	89	*	.05	89	*	.05	91	*	.05	81	*	.05	91	*
.06	104	94.50.225	.06	104	94.50.225	.06	106	94.50.225	.06	124	94.50.250	.06	96	*
.07	114	94.50.225	.07	114	94.50.225	.07	116	94.50.225	.07	134	94.50.250	.07	106	94.50.225
.10	139	94.50.250	.10	139	94.50.250	.10	141	94.50.250	.10	159	94.50.275	.10	131	94.50.250
.11	152	94.50.275	.11	152	94.50.275	.11	154	94.50.275	.11	171	94.50.300	.11	144	94.50.275
.12	164	94.50.275	.12	164	94.50.275	.12	166	94.50.275	.12	184	94.50.300	.12	156	94.50.275
.13	177	94.50.300	.13	177	94.50.300	.13	179	94.50.300	.13	196	94.50.325	.13	169	94.50.300
.15	189	94.50.300	.15	189	94.50.300	.15	191	94.50.300	.15	209	94.50.325	.15	181	94.50.300
.16	202	94.50.325	.16	202	94.50.325	.16	204	94.50.325	.16	221	94.50.350	.16	194	94.50.325
.17	214	94.50.325	.17	214	94.50.325	.17	216	94.50.325	.17	234	94.50.350	.17	206	94.50.325
.18	227	94.50.350	.18	227	94.50.350	.18	229	94.50.350	.18	246	94.50.375	.18	219	94.50.350
.20	239	94.50.350	.20	239	94.50.350	.20	241	94.50.350	.20	259	94.50.375	.20	231	94.50.350
.21	252	94.50.375	.21	252	94.50.375	.21	254	94.50.375	.21	271	94.50.400	.21	244	94.50.375
.22	264	94.50.375	.22	264	94.50.375	.22	266	94.50.375	.22	284	94.50.400	.22	256	94.50.375
.23	277	94.50.400	.23	277	94.50.400	.23	279	94.50.400	.23	296	94.50.425	.23	269	94.50.400
.25	289	94.50.400	.25	289	94.50.400	.25	291	94.50.400	.25	309	94.50.425	.25	281	94.50.400
.26	302	94.50.425	.26	302	94.50.425	.26	304	94.50.425	.26	321	94.50.450	.26	294	94.50.425
.27	314	94.50.425	.27	314	94.50.425	.27	316	94.50.425	.27	334	94.50.450	.27	306	94.50.425
.28	327	94.50.450	.28	327	94.50.450	.28	329	94.50.450	.28	346	94.50.475	.28	319	94.50.450
.30	339	94.50.450	.30	339	94.50.450	.30	341	94.50.450	.30	359	94.50.475	.30	331	94.50.450
.31	352	94.50.475	.31	352	94.50.475	.31	354	94.50.475	.31	371	94.50.500	.31	344	94.50.475
.32	364	94.50.475	.32	364	94.50.475	.32	366	94.50.475	.32	384	94.50.500	.32	356	94.50.475
.33	377	94.50.500	.33	377	94.50.500	.33	379	94.50.500	.33	396	94.50.525	.33	369	94.50.500
.35	389	94.50.500	.35	389	94.50.500	.35	391	94.50.500	.35	409	94.50.525	.35	381	94.50.500
.36	402	94.50.525	.36	402	94.50.525	.36	404	94.50.525	.36	421	94.50.550	.36	394	94.50.525
.37	414	94.50.525	.37	414	94.50.525	.37	416	94.50.525	.37	434	94.50.550	.37	406	94.50.525
.38	427	94.50.550	.38	427	94.50.550	.38	429	94.50.550	.38	446	94.50.575	.38	419	94.50.550
.40	439	94.50.550	.40	439	94.50.550	.40	441	94.50.550	.40	459	94.50.575	.40	431	94.50.550
.41	452	94.50.575	.41	452	94.50.575	.41	454	94.50.575	.41	471	94.50.600	.41	444	94.50.575
.42	464	94.50.575	.42	464	94.50.575	.42	466	94.50.575	.42	484	94.50.600	.42	456	94.50.575
.43	477	94.50.600	.43	477	94.50.600	.43	479	94.50.600	.43	496	94.50.625	.43	469	94.50.600
.45	489	94.50.600	.45	489	94.50.600	.45	491	94.50.600	.45	509	94.50.625	.45	481	94.50.600
.46	502	94.50.625	.46	502	94.50.625	.46	504	94.50.625	.46	521	94.50.650	.46	494	94.50.625
.47	514	94.50.625	.47	514	94.50.625	.47	516	94.50.625	.47	534	94.50.650	.47	506	94.50.625
.48	527	94.50.650	.48	527	94.50.650	.48	529	94.50.650	.48	546	94.50.675	.48	519	94.50.650
.50	539	94.50.650	.50	539	94.50.650	.50	541	94.50.650	.50	559	94.50.675	.50	531	94.50.650
.51	552	94.50.675	.51	552	94.50.675	.51	554	94.50.675	.51	571	94.50.700	.51	544	94.50.675
.52	564	94.50.675	.52	564	94.50.675	.52	566	94.50.675	.52	584	94.50.700	.52	556	94.50.675
.53	577	94.50.700	.53	577	94.50.700	.53	579	94.50.700	.53	596	94.50.725	.53	569	94.50.700
.55	589	94.50.700	.55	589	94.50.700	.55	591	94.50.700	.55	609	94.50.725	.55	581	94.50.700
.60	639	94.50.750	.60	639	94.50.750	.60	641	94.50.750	.60	659	94.50.775	.60	631	94.50.750

*upon request



Trough (Part No. 94.30 and 94.31)
with reinforced mounting angles for
very rugged and extreme applications

! The inner width of the guide through and the length of the C-Profile of the assembly kit can differ according to the bracket you choose. Please call us!