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FROM igus<sup>®</sup>

polymer.bearings.  
chainflex<sup>®</sup>.cables/...  
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## Plastics for longer life® – make your machines more durable with polymers

No lubrication, less maintenance, lower costs, longer life cycles, ready availability ex stock – these key principles formulated by us apply to all igus® products, systems and services.

Tried and tested in terms of durability, friction properties and stability, igus® plastics are the technological core of the igus® range.

We are looking forward to your phone call or e-mail.



Your contact

**Gary Cannon**

Phone: 01604 677240

Fax: 01604 677242

[gcannon@igus.co.uk](mailto:gcannon@igus.co.uk)



Our office is open up to 20:00

Phone: 01604 677240

More than 80,000 Products ex stock



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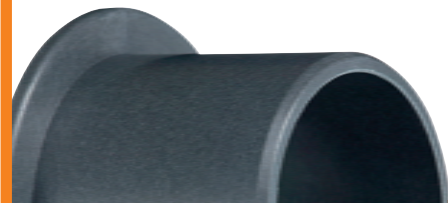


Bearing Specials:  
Machined or moulded



ReadyChain®  
One supplier = no problems

## Polymer Plain Bearings - iglidur®



Polymer plain bearings – economical, lubrication-free, maintenance-free, predictable. In this catalogue you will find the four main iglidur materials which form the backbone of the standard iglidur® range.

Page

4

## Polymer Spherical Bearings - igubal®

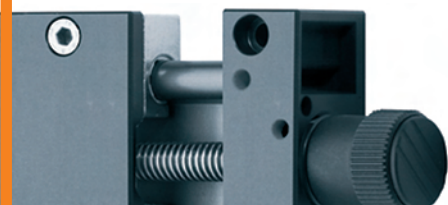


Maintenance-free and lubrication-free spherical bearings in various designs and configurations. Whether as an rod end, pivot or flange bearing, igubal® suits all requirements and are cheaper and lighter than conventional spherical bearings.

Page

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## Polymer Linear Bearings - DryLin®



Plastic linear bearing for nearly all types of application. Whether miniature or self-adjusting, whether round or square, DryLin® linear bearings are maintenance-free, lubrication-free and can often be used as perfect substitutes for conventional, recirculating ball bushings and monorail guides.

Page

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## Special Cables - Chainflex®



Special cables for dynamically flexing applications. Ideal for use in Energy Chains®. Tested for millions of cycles. No minimum order or surcharges.

Page

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## Energy Supply - E-Chains®



Polymer Energy Chains® for guidance and protection of moving cables, hoses and other services. The most popular sizes and types to suit virtually any application.

Page

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Excellent polymers, improved by precise additions of reinforcing materials and lubricants, tested a thousand times and proven a million times.

### General properties of iglidur®-Plain Bearings

- High dimensional accuracy
- High compressive strength
- Good heat dissipation
- Low heat relaxation
- Maintenance-free
- Lubrication free
- High dirt resistance
- Corrosion resistance
- High vibration dampening
- Very low tendency to creep
- Low cost

iglidur®  
Plain Bearings

Phone 01604 677240  
Fax 01604 677242

## iglidur® G

The Economical All rounder



Sleeve Bearing – Type S



Flange Bearing – Type F

iglidur® G bearings cover an extremely wide range of differing requirements – they are truly “all round”. Application is recommended for medium to high loads, medium sliding velocities and medium temperatures.

- Economical all-round performance bearing
- Maintenance-free, dry running
- Vibration dampening
- High wear resistance
- Resistance to dust and dirt
- Cost-effective
- For above average loads
- For low to average running speeds
- When the bearing needs to run on different shaft materials
- For oscillating and rotational movements

More information:

[www.igus.co.uk/en/g](http://www.igus.co.uk/en/g)

## iglidur® J

The Fast and Slow Motion Specialist



Sleeve Bearing – Type S



Flange Bearing – Type F

The iglidur® J plain bearings are designed for the lowest coefficients of friction while running dry and their low stick slip tendency. With a maximum permissible surface pressure of 35 MPa iglidur® J plain bearings are not suitable for extreme loads.

- Low wear against different shafts up to 5 MPa
- Low coefficient of friction in dry run
- Vibration dampening
- Good chemical resistance
- Best performance with soft shaft materials
- Low moisture absorption
- For high speeds

More information:

[www.igus.co.uk/en/j](http://www.igus.co.uk/en/j)

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[www.igus.co.uk](http://www.igus.co.uk)



Characteristics of the iglidur® Materials	Speciality	long life dry running	for high loads	for high temperatures	low friction/ high speed	dirt resistant	chemical resistant	low water absorption	edge pressure	for under water use	economic
iglidur® G	Economical All rounder	●	●			●					●
iglidur® J	Low friction	●			●			●	●		●
iglidur® W300	Wear resistant	●			●	●			●		
iglidur® X	High temperatures, chemicals	●	●	●			●	●		●	

## iglidur® W300

The Marathon Runner



Sleeve Bearing – Type S



Flange Bearing – Type F

The iglidur® W300 material has high wear resistance, even in harsh environments, or when used with rough shafts. Of all iglidur® materials, this material is the most resistant to these types of external effects.

- For especially high service life
- Low coefficient of friction
- Extremely high wear resistance
- Also suitable for soft shafts
- Economical all-round performance bearing
- For use on 303 stainless steel shafts
- For harsh environments and very rough shafts
- Dirt resistant

More information:

[www.igus.co.uk/en/w300](http://www.igus.co.uk/en/w300)

## iglidur® X

The High-Tech Problem Solver



Sleeve Bearing – Type S



Flange Bearing – Type F

iglidur® X is defined by its combination of high temperature resistance with compressive strength, along with high resistance to chemicals. iglidur® X is designed for higher loads than other iglidur® bearings.

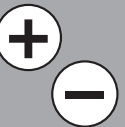
- Temperature resistant from -100 °C to +250 °C in continuous operation (short term to +315 °C)
- Universal resistance to chemicals
- High compressive strength
- Very low moisture absorption
- High wear resistance through the entire temperature range
- For pressure loads up to 150 MPa
- For linear movements with stainless steel and for linear movements at high temperatures

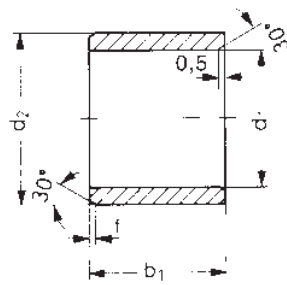
More information:

[www.igus.co.uk/en/x](http://www.igus.co.uk/en/x)

iglidur®  
Plain Bearings

Phone 01604 677240  
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- f = 0,3 ▶ d1 = 1–6
- f = 0,5 ▶ d1 = 6–12
- f = 0,8 ▶ d1 = 12–30
- f = 1,2 ▶ d1 > 30

Chamfer in relation to d1

Dimensions according to ISO 3547-1 and special dimensions

New: bags of iglidur® bearings in handy quantities

iglidur® Plain Bearings

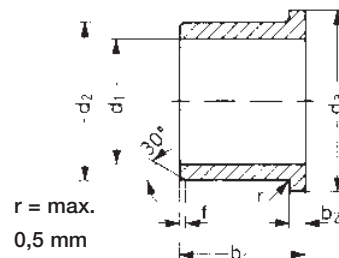
Phone 01604 677240  
Fax 01604 677242

Part Number	d1	d2	b1	Pack size	pack price			
					iglidur®G Economical All rounder	iglidur®J Low friction	iglidur®X High temperatures, chemicals	iglidur®W300 Wear resistant
<input type="checkbox"/> SM-0304	3,0	4,5	3,0	10	£11,60	£17,70*	£26,90	£18,70
<input type="checkbox"/> SM-0507	5,0	7,0	5,0	10	£12,30	£17,90	£27,90	£18,90
<input type="checkbox"/> SM-0608	6,0	8,0	6,0	10	£12,50	£18,50	£28,30	£19,10
<input type="checkbox"/> SM-0810	8,0	10,0	8,0	8	£18,16	£26,00	£38,32	£26,56
<input type="checkbox"/> SM-1012	10,0	12,0	10,0	8	£21,92	£26,40	£39,44	£27,20
<input type="checkbox"/> SM-1214	12,0	14,0	10,0	8	£21,92	£26,96	£39,92	£27,60
<input type="checkbox"/> SM-1416	14,0	16,0	15,0	8	£22,56	£28,40	£42,72	£28,56
<input type="checkbox"/> SM-1517	15,0	17,0	20,0	8	£22,88	£29,28	£45,76	£29,92
<input type="checkbox"/> SM-1618	16,0	18,0	20,0	8	£24,40	£30,64	£43,84	£32,32
<input type="checkbox"/> SM-2023	20,0	23,0	20,0	6	£19,38	£27,36	£41,40	£26,52
<input type="checkbox"/> SM-2528	25,0	28,0	20,0	6	£19,98	£29,94	£44,58	£27,66
<input type="checkbox"/> SM-3034	30,0	34,0	30,0	5	£19,20	£36,85	£64,00	£38,20

↑ Insert  for iglidur® G,  for iglidur® J,  for iglidur® W300,  for iglidur® X

\*5 mm long

## iglidur® – Flange Bearing – Type F



- f = 0,3 ▶ d1 = 1–6
- f = 0,5 ▶ d1 = 6–12
- f = 0,8 ▶ d1 = 12–30
- f = 1,2 ▶ d1 > 30

Chamfer in relation to d1

Dimensions according to ISO 3547-1 and special dimensions

r = max.  
0,5 mm

Part Number	d1	d2	d3	b1	Pack size	pack price			
						iglidur®G Economical All rounder	iglidur®J Low friction	iglidur®X High temperatures, chemicals	iglidur®W300 Wear resistant
<input type="checkbox"/> FM-0304	3,0	4,5	7,5	5,0	10	£14,70	£18,50	£20,80	£18,90
<input type="checkbox"/> FM-0507	5,0	7,0	11,0	5,0	10	£14,80	£18,50	£28,50	£18,90
<input type="checkbox"/> FM-0608	6,0	8,0	12,0	8,0	10	£14,90	£19,50	£29,20	£19,50
<input type="checkbox"/> FM-0810	8,0	10,0	15,0	7,5	8	£21,92	£26,96*	£36,40	£27,68
<input type="checkbox"/> FM-1012	10,0	12,0	18,0	9,0	8	£22,32	£27,92	£40,48	£28,40
<input type="checkbox"/> FM-1214	12,0	14,0	20,0	12,0	8	£24,16	£29,68	£42,24	£30,32
<input type="checkbox"/> FM-1416	14,0	16,0	22,0	12,0	8	£24,16	£30,80	£44,80	£31,60
<input type="checkbox"/> FM-1517	15,0	17,0	23,0	12,0	8	£24,40	£32,08	£45,20	£32,08
<input type="checkbox"/> FM-1618	16,0	18,0	24,0	17,0	8	£24,88	£32,72	£46,32	£33,60
<input type="checkbox"/> FM-2023	20,0	23,0	30,0	21,0	6	£20,22	£27,60	£44,10	£28,38
<input type="checkbox"/> FM-2528	25,0	28,0	35,0	21,0	6	£20,76	£29,16	£47,82	£29,94
<input type="checkbox"/> FM-3034	30,0	34,0	42,0	26,0	5	£19,45	£37,35	£64,50	£38,75

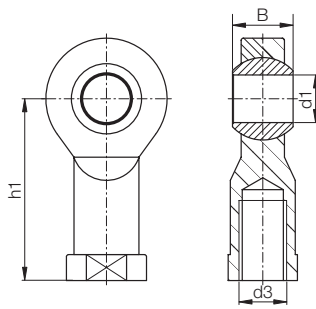
↑ Insert  for iglidur® G,  for iglidur® J,  for iglidur® W300,  for iglidur® X

\*8 mm long

iglus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

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igubal® female rod ends, ideal for mechanical linkages and pneumatic cylinder applications. Corrosion resistant and vibration dampening, and of course cost effective.

**Right Hand Thread**

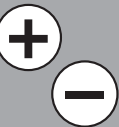
Part No.	Max. static tensile strength		Min. thread depth [mm]	d1	d3	B	h1	Price		
	short term [N]	long term [N]						1 off	10 off	25 off
KBRM-02	200	100	4	2	M02	4	12,5	£2,48	£1,99	£1,50
KBRM-03	800	400	5	3	M03	6	18,5	£3,27	£2,62	£1,97
KBRM-05	1000	500	7	5	M05	8	27	£3,98	£3,20	£2,44
KBRM-06	1400	700	8	6	M06	9	30	£4,01	£3,22	£2,46
KBRM-08	2100	1050	11	8	M08	12	36	£4,11	£3,30	£2,51
KBRM-10	3100	1550	13	10	M10	14	43	£4,51	£3,62	£2,76
KBRM-10 F	3100	1550	13	10	M10 x 1,25	14	43	£4,51	£3,62	£2,76
KBRM-12	3600	1800	15	12	M12	16	50	£5,31	£4,26	£3,25
KBRM-12 F	3600	1800	15	12	M12 x 1,25	16	50	£5,31	£4,26	£3,25
KBRM-16	4200	2100	19	16	M16	21	64	£6,72	£5,39	£4,11
KBRM-16 F	4200	2100	19	16	M16 x 1,5	21	64	£6,72	£5,39	£4,11
KBRM-20	5400	2700	22	20	M20 x 1,5	25	77	£9,09	£7,29	£5,57
KBRM-20 M20	5400	2700	22	20	M20 x 2,5	25	77	£9,09	£7,29	£5,57
KBRM-25	8500	4250	28	25	M24 x 2,0	31	94	£12,62	£10,13	£7,73
KBRM-30	10500	5250	34	30	M30 x 2,0	37	110	£17,05	£13,68	£10,43

**Left Hand Thread**

Part No.	Max. static tensile strength		Min. thread depth [mm]	d1	d3	B	h1	Price		
	short term [N]	long term [N]						1 off	10 off	25 off
KBLM-02	200	100	4	2	M02	4	12,5	£2,48	£1,99	£1,50
KBLM-03	800	400	5	3	M03	6	18,5	£3,27	£2,62	£1,97
KBLM-05	1000	500	7	5	M05	8	27	£3,98	£3,20	£2,44
KBLM-06	1400	700	8	6	M06	9	30	£4,01	£3,22	£2,46
KBLM-08	2100	1050	11	8	M08	12	36	£4,11	£3,30	£2,51
KBLM-10	3100	1550	13	10	M10	14	43	£4,51	£3,62	£2,76
KBLM-10 F	3100	1550	13	10	M10 x 1,25	14	43	£4,51	£3,62	£2,76
KBLM-12	3600	1800	15	12	M12	16	50	£5,31	£4,26	£3,25
KBLM-12 F	3600	1800	15	12	M12 x 1,25	16	50	£5,31	£4,26	£3,25
KBLM-16	4200	2100	19	16	M16	21	64	£6,72	£5,39	£4,11
KBLM-16 F	4200	2100	19	16	M16 x 1,5	21	64	£6,72	£5,39	£4,11
KBLM-20	5400	2700	22	20	M20 x 1,5	25	77	£9,09	£7,29	£5,57
KBLM-20 M20	5400	2700	22	20	M20 x 2,5	25	77	£9,09	£7,29	£5,57
KBLM-25	8500	4250	28	25	M24 x 2,0	31	94	£12,62	£10,13	£7,73
KBLM-30	10500	5250	34	30	M30 x 2,0	37	110	£17,05	£13,68	£10,43

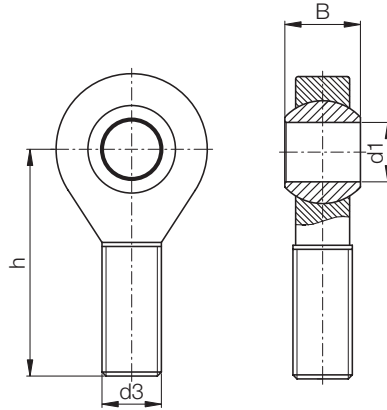
igubal®  
Rod End Bearing

Phone 01604 677240  
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# igubal® Rod End Bearing – Type KARM/KALM



igubal® male rod ends, ideal for mechanical linkages and pneumatic cylinder applications. Corrosion resistant and vibration dampening, and of course cost effective.

igubal®  
Rod End Bearing

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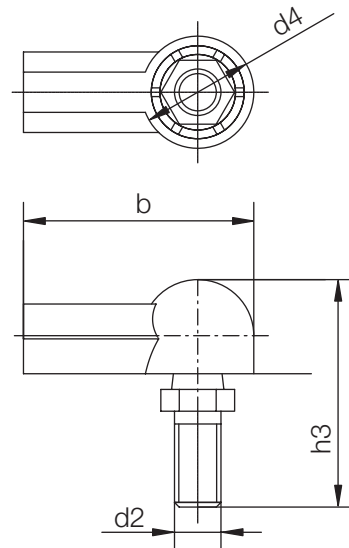
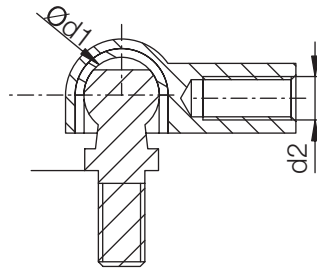
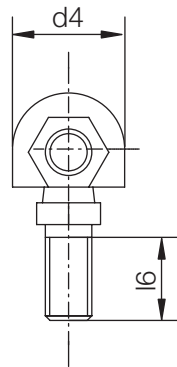
## Right Hand Thread

Part No.	d1	d3	B	h1	Price		
					1 off	10 off	25 off
KARM-05	5	M05	8	33	£3,44	£2,76	£2,10
KARM-06	6	M06	9	36	£3,49	£2,80	£2,13
KARM-08	8	M08	12	42	£3,55	£2,85	£2,17
KARM-10	10	M10	14	48	£3,94	£3,16	£2,41
KARM-10 F	10	M10 x 1,25	14	48	£3,94	£3,16	£2,41
KARM-12	12	M12	16	54	£4,65	£3,73	£2,84
KARM-12 F	12	M12 x 1,25	16	54	£4,65	£3,73	£2,84
KARM-14	14	M14	19	61	£5,30	£4,25	£3,24
KARM-16	16	M16	21	66	£5,95	£4,77	£3,65
KARM-16 F	16	M16 x 1,5	21	66	£5,95	£4,77	£3,65
KARM-18	18	M18 x 1,5	23	72	£7,12	£5,71	£4,60
KARM-20	20	M20 x 1,5	25	78	£8,28	£6,64	£5,07
KARM-20 M20	20	M20 x 2,5	25	78	£8,28	£6,64	£5,07
KARM-22	22	M22 x 1,5	28	84	£9,68	£7,76	£5,93
KARM-25	25	M24 x 2,0	31	94	£11,27	£9,04	£6,90
KARM-30	30	M30 x 2,0	37	112	£14,95	£12,00	£9,15

## Left Hand Thread

Part No.	d1	d3	B	h1	Price		
					1 off	10 off	25 off
KALM-05	5	M05	8	33	£3,44	£2,76	£2,10
KALM-06	6	M06	9	36	£3,49	£2,80	£2,13
KALM-08	8	M08	12	42	£3,55	£2,85	£2,17
KALM-10	10	M10	14	48	£3,94	£3,16	£2,41
KALM-10 F	10	M10 x 1,25	14	48	£3,94	£3,16	£2,41
KALM-12	12	M12	16	54	£4,65	£3,73	£2,84
KALM-12 F	12	M12 x 1,25	16	54	£4,65	£3,73	£2,84
KALM-14	14	M14	19	61	£5,30	£4,25	£3,24
KALM-16	16	M16	21	66	£5,95	£4,77	£3,65
KALM-16 F	16	M16 x 1,5	21	66	£5,95	£4,77	£3,65
KALM-18	18	M18 x 1,5	23	72	£7,12	£5,71	£4,60
KALM-20	20	M20 x 1,5	25	78	£8,28	£6,64	£5,07
KALM-20 M20	20	M20 x 2,5	25	78	£8,28	£6,64	£5,07
KALM-22	22	M22 x 1,5	28	84	£9,68	£7,76	£5,93
KALM-25	25	M24 x 2,0	31	94	£11,27	£9,04	£6,90
KALM-30	30	M30 x 2,0	37	112	£14,95	£12,00	£9,15



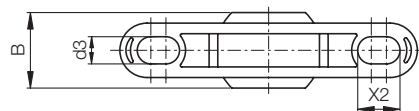
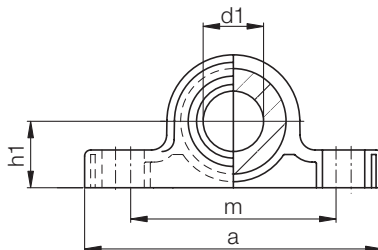


- Connection for rotating and swivelling movements
- Light weight and robust
- Easy and quick assembly
- Vibration dampening
- Resistant to dirt and dust
- Maximum pivoting angle 25 degrees

Load data

Part No.	d1	d2	d4	l6	h3	b	Price		
	+0,1		+0,5		+0,5	+0,5	1 off	10 off	25 off
	-0,1		-0,5	Min.	-0,5	-0,5			
WGRM-05	8,0	M5	12,8	8,2	25,6	28,4	£2,16	£1,75	£1,27
WGRM-06	10,0	M6	14,8	10,5	30,9	32,4	£2,27	£1,86	£1,38
WGRM-08	13,0	M8	19,3	13,5	38,8	39,7	£2,39	£1,98	£1,49
WGRM-10	16,0	M10	24,0	16,0	47,0	47,0	£2,52	£2,11	£1,61

igubal® Pillow Block Bearing – Type KSTM



Load data

Part No.	Max. radial static tensile strength	Max. radial static tensile strength	Maximum torque for Longitudinal holes [Nm]	a	d1	B	h1	m	d3	X2	Price		
	short term	long term		E10							1 off	10 off	25 off
	[N]	[N]											
KSTM-05	700	350	0,6	34	5	8	7	25	3,3	5	£3,42	£2,75	£2,10
KSTM-06	1100	550	1,3	43	6	9	10	33	4,5	6	£3,47	£2,78	£2,12
KSTM-08	1300	650	1,3	47	8	12	10	33	4,5	7	£3,51	£2,82	£2,15
KSTM-10	1500	750	2,5	62	10	14	14	46	5,5	8	£3,91	£3,14	£2,39
KSTM-12	2200	1100	2,5	65	12	16	14	46	5,5	9	£4,64	£3,72	£2,83
KSTM-14	2400	1200	4,5	82	14	19	18	60	6,6	11	£5,24	£4,20	£3,20
KSTM-16	3000	1500	4,5	86	16	21	18	60	6,6	12	£5,88	£4,72	£3,60
KSTM-18	3500	1750	10,5	93	18	23	22	68	9,0	13	£6,58	£5,28	£4,02
KSTM-20	4700	2350	10,5	98	20	25	22	68	9,0	14	£7,57	£6,07	£4,63
KSTM-22	6100	3050	10,5	108	22	28	24	74	9,0	16	£8,91	£7,15	£5,46
KSTM-25	6600	3300	10,5	124	25	31	27	86	9,0	17	£10,78	£8,65	£6,59
KSTM-30	8100	4050	21,5	139	30	37	32	96	11,0	20	£14,56	£11,68	£8,91

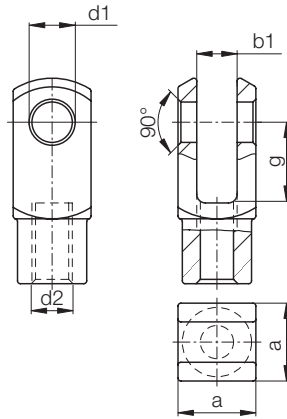
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Ball and Socket Joints

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+ I i mm



## igubal® Clevis Joint – Type GERM



- Maintenance-free, dry running
- High tensile strength
- Vibration dampening
- Noise dampening
- Light weight
- Universal corrosion resistance
- Insensitive to dirt, dust and fluff

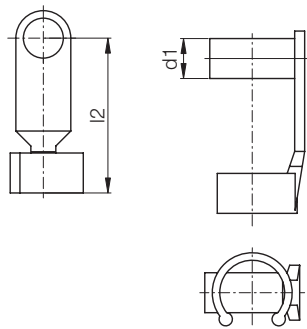
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Clevis Joint

### Max. static axial tensile strength

Part No.	GERM		GERMF		d1	a/g	b1	d2 Thread	Price		
	short term	long term	short term	long term					1 off	10 off	25 off
	[N]	[N]	[N]	[N]							
GERM-04	650	325	500	250	4	8	4	M04	£1,87	£1,39	£0,91
GERM-05	1200	600	900	450	5	12	6	M05	£1,87	£1,39	£0,91
GERM-06	1400	700	1300	650	6	12	6	M06	£2,11	£1,51	£1,00
GERM-08	2700	1350	2100	1050	8	16	8	M08	£2,31	£1,64	£1,07
GERM-10	4700	2350	3000	1500	10	20	10	M10	£2,53	£1,88	£1,23
GERM-10 F	4700	2350	3000	1500	10	20	10	M10 x 1,25	£2,53	£1,88	£1,23
GERM-12	5700	2850	3500	1750	12	24	12	M12	£2,98	£2,16	£1,56
GERM-12 F	5700	2850	3500	1750	12	24	12	M12 x 1,25	£2,98	£2,16	£1,56
GERM-16	7500	3750	7000	3500	16	32	16	M16	£4,93	£3,60	£2,78
GERM-16 F	7500	3750	7000	3500	16	32	16	M16 x 1,5	£4,93	£3,60	£2,78

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## igubal® Spring Loaded Pin – Type GEFM



- Single piece design
- Easy to assemble
- Maintenance-free
- Can be used in combination with clevis joints
- High stability

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Brackmills Northampton NN4 7PW

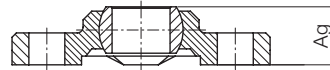
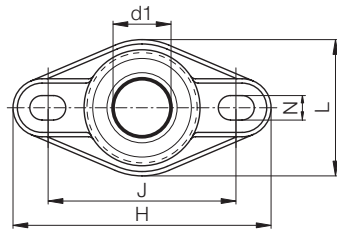
### Dimensions [mm]

Part No.	d1	l2	Price		
	h11		1 off	10 off	25 off
GEFM-04	4	15	£0,29	£0,28	£0,24
GEFM-05	5	23	£0,29	£0,28	£0,24
GEFM-06	6	23	£0,31	£0,29	£0,26
GEFM-08	8	30	£0,34	£0,32	£0,29
GEFM-10	10	38	£0,40	£0,37	£0,32
GEFM-12	12	45	£0,50	£0,47	£0,41
GEFM-16	16	62	£0,79	£0,73	£0,60

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# igubal® Flange Bearing – Type EFOM

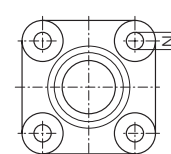
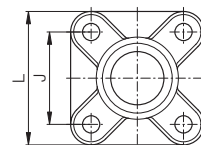
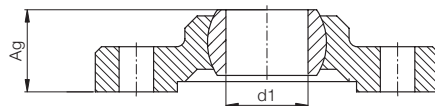


## Load data

igubal®-Flange Bearing EFOM with 2 mounting holes

Part No.	Max. axial permissible	Max. radial permissible	Max. torque	d1	H	L	J	Ag	N	Price		
	tensile strength long term [N]	tensile strength long term [N]	for longitudinal holes [Nm]	E10	Size	Width	Hole Pitch +/-0,1	Height Total	Bore diameter d x l	1 off	10 off	25 off
EFOM-04	200	375	0,6	4	33,8	16,0	24,0	8,5	3,2 x 5,0	£3,79	£3,04	£1,98
EFOM-05	200	375	0,6	5	33,8	16,0	24,0	8,5	3,2 x 5,0	£3,86	£3,10	£2,02
EFOM-06	250	400	0,6	6	33,8	16,0	24,0	8,5	3,2 x 5,5	£3,93	£3,15	£2,07
EFOM-08	350	550	1,3	8	44,2	22,0	31,0	10,5	4,3 x 6,5	£4,07	£3,26	£2,16
EFOM-10	425	1000	2,5	10	52,0	26,0	36,0	12,0	5,3 x 8,0	£4,35	£3,49	£2,57
EFOM-12	550	1100	2,5	12	56,7	31,0	41,0	13,0	5,3 x 8,0	£5,46	£4,38	£3,23
EFOM-15	650	1200	4,5	15	68,6	36,0	50,0	15,5	6,4 x 10,0	£6,27	£5,03	£3,62
EFOM-16	700	1400	4,5	16	72,6	38,0	53,0	17,5	6,4 x 10,1	£6,93	£5,56	£4,05
EFOM-17	900	1600	4,5	17	74,6	41,0	55,0	18,0	6,4 x 10,2	£7,50	£6,02	£4,43
EFOM-20	900	2750	10,5	20	89,0	47,0	65,0	20,0	8,4 x 12,5	£10,71	£8,59	£6,75
EFOM-25	1500	3000	10,5	25	101,0	58,5	75,0	25,0	8,4 x 12,6	£11,86	£9,51	£7,30
EFOM-30	1750	3250	21,5	30	118,0	65,0	87,5	26,0	10,5 x 16,0	£15,41	£12,37	£9,66

# igubal® Flange Bearing – Type EFSM



## Load data

igubal®-Flange Bearing EFSM with 4 mounting holes

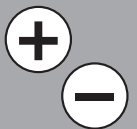
Part No.	Maximum static	Maximum static	d1	L	J	Ag	N	Price		
	axial load long term [N]	radial load long term [N]	E10	Width	Hole Pitch +/-0,1	Height Total	Bore diameter	1 off	10 off	25 off
EFSM-04	100	500	4	25,0	17,0	8,5	3,2	£4,16	£3,34	£2,17
EFSM-05	150	500	5	25,0	17,0	8,5	3,2	£4,24	£3,40	£2,22
EFSM-06	150	500	6	25,0	17,0	8,5	3,2	£4,32	£3,46	£2,27
EFSM-08	225	700	8	33,0	22,0	10,5	4,3	£4,49	£3,60	£2,38
EFSM-10	350	1000	10	38,0	26,0	12,0	5,3	£4,78	£3,83	£2,85
EFSM-12	425	1250	12	40,0	28,0	13,0	5,3	£6,01	£4,82	£3,56
EFSM-15	550	1500	15	49,0	34,0	15,5	6,4	£6,90	£5,54	£3,98
EFSM-16	675	1600	16	52,0	36,0	16,5	6,4	£7,63	£6,12	£4,46
EFSM-17	800	1700	17	54,0	38,0	18,0	6,4	£8,25	£6,62	£4,87
EFSM-20	1000	2000	20	65,0	45,0	20,0	8,4	£11,79	£9,45	£7,42
EFSM-25	1200	2800	25	74,0	52,0	25,0	8,4	£13,04	£10,46	£8,04
EFSM-30	1400	3000	30	85,0	60,0	26,0	10,5	£16,96	£13,61	£10,63

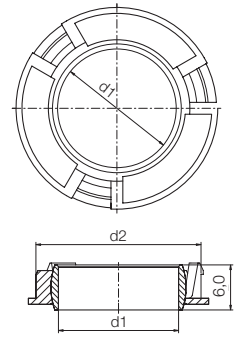
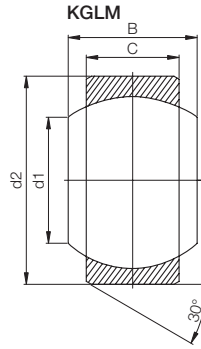
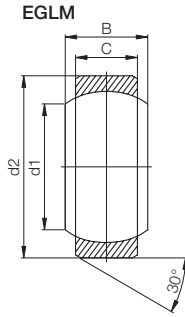


Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/igubal](http://www.igus.co.uk/en/igubal)

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### Load data and dimensions (designed to press fit into H7 housing)

Part No.	Max. static compressive strength		d1 [mm] E10	d2 [mm]	B [mm]	C [mm]	Maximum pivoting angle	Price		
	radial [N]	axial [N]						1 off	10 off	25 off
KGLM-02	300	60	2	8	4	3,0	32°	£1,40	£1,26	£1,16
KGLM-03	530	150	3	10	6	4,5	32°	£2,38	£1,91	£1,44
KGLM-05	1250	250	5	13	8	6,0	30°	£2,74	£2,20	£1,68
KGLM-06	1750	400	6	16	9	6,5	29°	£2,77	£2,22	£1,70
KGLM-08	2350	800	8	19	12	9,0	25°	£2,81	£2,26	£1,72
KGLM-10	3550	900	10	22	14	10,5	25°	£3,13	£2,51	£1,92
KGLM-12	4200	950	12	26	16	12,0	25°	£3,70	£2,97	£2,27
KGLM-14	5700	1200	14	28	19	13,5	23°	£4,19	£3,36	£2,57
KGLM-16	7500	1300	16	32	21	15,0	23°	£4,69	£3,77	£2,88
KGLM-18	8500	1400	18	35	23	16,5	23°	£5,27	£4,23	£3,22
KGLM-20	9800	1900	20	40	25	18,0	23°	£6,06	£4,86	£3,71
KGLM-22	11700	2600	22	42	28	20,0	22°	£7,12	£5,71	£4,36
KGLM-25	13600	3000	25	47	31	22,0	22°	£8,62	£6,91	£5,28
KGLM-30	20000	3250	30	55	37	25,0	22°	£11,65	£9,34	£7,13

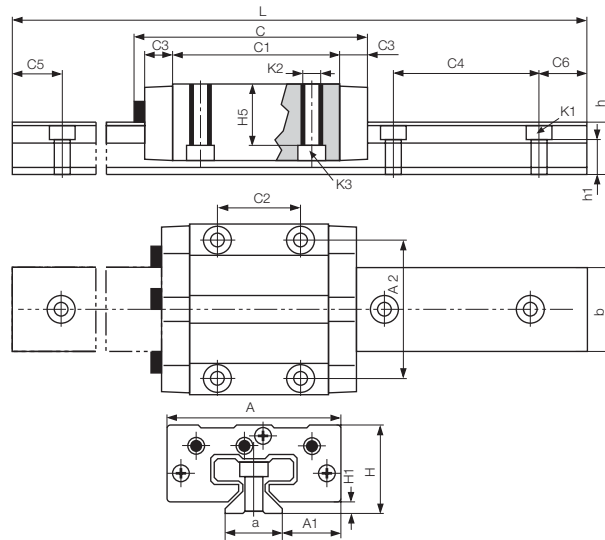
### Load data and dimensions (designed to press fit into H7 housing)

Part No.	Max. static compressive strength		d1 [mm] E10	d2 [mm]	B [mm]	C [mm]	Maximum pivoting angle	Price		
	radial [N]	axial [N]						1 off	10 off	25 off
EGLM-04	600	50	4	12	5	3,0	37°	£3,51	£2,82	£1,78
EGLM-05	950	100	5	14	6	4,0	33°	£3,79	£3,04	£1,98
EGLM-06	1050	125	6	14	6	4,0	27°	£3,86	£3,10	£2,02
EGLM-08	1350	175	8	16	8	5,0	24°	£4,00	£3,21	£2,11
EGLM-10	2000	300	10	19	9	6,0	24°	£4,25	£3,41	£2,27
EGLM-12	2250	450	12	22	10	7,0	21°	£4,72	£3,79	£2,59
EGLM-15	3450	500	15	26	12	9,0	21°	£5,42	£4,35	£3,03
EGLM-16	3900	600	16	28	13	9,5	21°	£6,24	£5,01	£3,58
EGLM-17	4100	700	17	30	14	10,0	21°	£7,22	£5,79	£4,25
EGLM-20	5350	1200	20	35	16	12,0	18°	£8,53	£6,85	£5,10
EGLM-25	8200	1750	25	42	20	16,0	16°	£10,15	£8,14	£6,16
EGLM-30	11000	2500	30	47	22	18,0	13°	£13,53	£10,85	£8,40

### Load data and dimensions (designed to clip into sheet metal)

Part No.	maximum static compression force (long-term)		Spherical ball Ø d1	Outside diameter d2	Sheet Thickness (mm)	Max. angles alpha	Price		
	radial [N]	axial [N]					1 off	10 off	25 off
ECLM-05-02	350	12,5	5	12	2	10°	£3,14	£2,91	£1,68
ECLM-06-02	350	12,5	6	12	2	10°	£4,43	£3,55	£1,70
ECLM-08-02	500	12,5	8	14	2	10°	£4,50	£3,62	£1,72
ECLM-10-03	700	7	10	16	3	12°	£5,01	£4,02	£1,92
ECLM-12-03	900	10	12	18	3	12°	£5,92	£4,75	£2,27
ECLM-16-03	1.400	20	16	22	3	12°	£7,50	£6,03	£2,88





- Slide carriage with adjustable clearance
- Maintenance-free, dry operation
- Resistant to corrosion
- Hard anodized aluminium rails

**DryLin® T Guide Rails [mm]**

Part No.	Weight [kg]	L*	a -0,2	C4	C5/C6	h	h1	K1 for Screw	b	Price		
										1 off	10 off	35 off
TS-01-15-300	0,18	300	15	60	30	15,5	10,0	M 4	22	£15,37	£14,12	£10,30
TS-01-15-600	0,36	600	15	60	30	15,5	10,0	M 4	22	£28,74	£27,49	£19,89
TS-01-15-1000	0,6	1000	15	60	20	15,5	10,0	M 4	22	£46,57	£32,74	£27,36
TS-01-20-300	0,3	300	20	60	30	19,0	12,3	M 5	31	£18,88	£17,63	£12,82
TS-01-20-600	0,6	600	20	60	30	19,0	12,3	M 5	31	£35,76	£34,51	£24,93
TS-01-20-1000	1,0	1000	20	60	20	19,0	12,3	M 5	31	£58,27	£41,14	£34,36
TS-01-25-300	0,4	300	23	60	30	21,5	13,8	M 6	34	£22,32	£21,07	£15,29
TS-01-25-600	0,8	600	23	60	30	21,5	13,8	M 6	34	£42,64	£41,39	£29,87
TS-01-25-1000	1,3	1000	23	60	20	21,5	13,8	M 6	34	£69,74	£49,37	£41,22
TS-01-30-300	0,6	300	28	80	30	26,0	15,8	M 8	40	£26,84	£25,59	£18,53
TS-01-30-600	1,2	600	28	80	20	26,0	15,8	M 8	40	£51,67	£50,42	£36,35
TS-01-30-1000	1,9	1000	28	80	20	26,0	15,8	M 8	40	£84,79	£60,17	£50,22

\*Any length available, please call us.

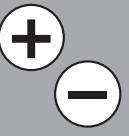
**DryLin® T Guide Carriages [mm]**

Part No.	Weight [kg]	H ±0,35	A	C ±0,35	A1	A2	C1	C2	C3	H1 ±0,35	H5	K2 Thread	K3 for Screw	Price		
														1 off	10 off	25 off
TW-01-15	0,11	24	47	74	16,0	38	50	30	9	4,0	16,0	M 5	M 4	£40,90	£25,36	£24,76
TW-01-20	0,19	30	63	87	21,5	53	61	40	10	5,0	19,8	M 6	M 5	£42,18	£26,14	£25,61
TW-01-25	0,29	36	70	96	23,5	57	68	45	11	5,0	24,8	M 8	M 6	£52,40	£32,15	£31,51
TW-01-30	0,50	42	90	109	31,0	72	79	52	12	6,5	27,0	M 10	M 8	£54,98	£33,66	£32,99



DryLin®

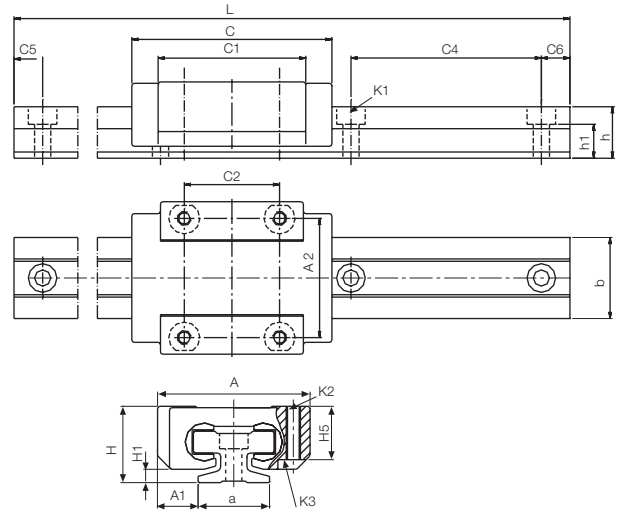
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DryLin®



- Maintenance-free, dry operation
- 3 sizes
- Chromed zinc cast slide carriage
- iglidur® J polymer sliding elements
- Hard anodized aluminium rails
- Small mounting height and width
- Resistant to corrosion



### DryLin® T Miniature Rails [mm]

Part No.	Weight [kg]	L*	a -0,2	C4	C5/C6	h	h1	K1 for Screw	b	Price		
										1 off	10 off	35 off
TS-04-09-300	0,03	300	9	20	10	6,3	4,6	M 2	9,6	£19,06	£17,81	£12,94
TS-04-09-600	0,06	600	9	20	10	6,3	4,6	M 2	9,6	£36,11	£34,87	£25,18
TS-04-09-1000	0,11	1000	9	20	10	6,3	4,6	M 2	9,6	£58,85	£41,55	£34,70
TS-04-12-300	0,06	300	12	25	12,5	8,6	5,9	M 3	13	£21,91	£20,66	£14,99
TS-04-12-600	0,12	600	12	25	12,5	8,6	5,9	M 3	13	£41,82	£40,57	£29,28
TS-04-12-1000	0,20	1000	12	25	12,5	8,6	5,9	M 3	13	£68,36	£48,38	£37,39
TS-04-15-300	0,1	300	15	40	10	10,8	7,0	M 3	17	£15,18	£13,93	£10,16
TS-04-15-600	0,2	600	15	40	20	10,8	7,0	M 3	17	£28,36	£27,11	£19,62
TS-04-15-1000	0,33	1000	15	40	20	10,8	7,0	M 3	17	£45,93	£32,28	£26,98

\*Any length available, please call us.

### DryLin® T Miniature Carriages [mm]

Part No.	Weight [kg]	H ±0,2	A -0,2	C ±0,3	A1 ±0,35	A2	C1	C2	H1 ±0,35	H5	K2 Thread	K3 for Screw	Price		
													1 off	10 off	25 off
TW-04-09	17	10	20	29	5,5	15	18	13	1,7	7,2	M 2	(M 2)	£10,63	£6,40	£5,94
TW-04-12	34	13	27	34	7,5	20	22	15	2,2	9,5	M 3	M 2 (M 3)	£12,95	£7,80	£7,25
TW-04-15	61	16	32	42	8,5	25	31	20	2,8	11	M 3	M 2 (M 3)	£15,98	£9,61	£8,94

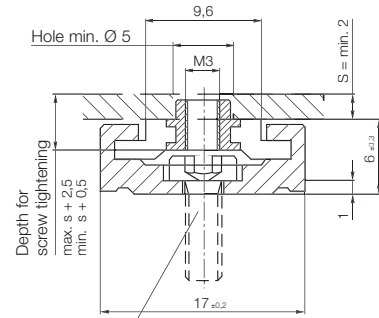
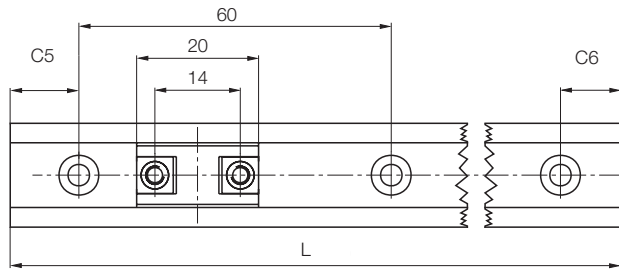
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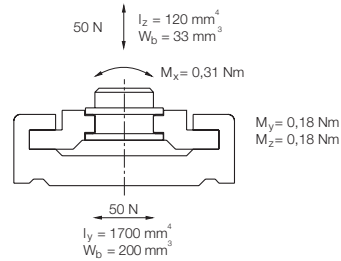
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# DryLin® N – Low-Profile Linear Guide N17



For machine screws M3  
DIN 7984/DIN 6912/DIN 84  
EN ISO 1707



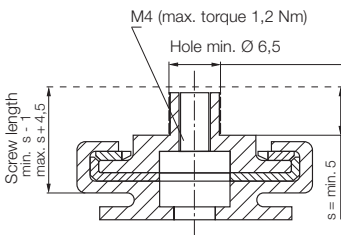
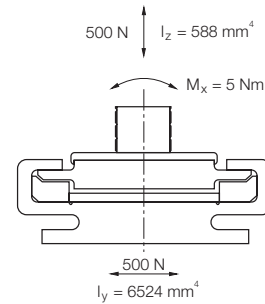
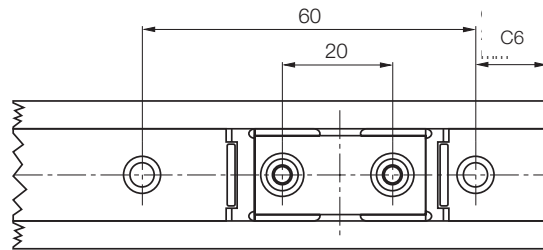
## DryLin® N – Low-Profile

Part No.	L*	Weight	C5/C6	Price		
rail	[mm]	[g]	[mm]	1 off	10 off	35 off
NS-01-17-300	300	45	5	£7,51	£6,26	£4,74
NS-01-17-600	600	90	5	£13,03	£11,78	£8,78
NS-01-17-1000	1000	150	5	£20,38	£14,21	£12,92

\*Any length available, please call us.

Part No.	Weight	Price	
carriage	[g]	1 off	10 off
NW-02-17	1,7	£2,63	£1,57

# DryLin® N – Low-Profile Linear Guide N27

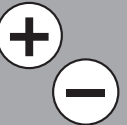


## DryLin® N – Low-Profile

Part No.	L*	Weight	C5/C6	Price		
rail	[mm]	[g]	[mm]	1 off	10 off	35 off
NS-01-27-300	300	87	30	£9,29	£8,04	£5,38
NS-01-27-600	600	174	30	£16,58	£15,33	£10,06
NS-01-27-1000	1000	290	20	£26,30	£16,35	£14,57

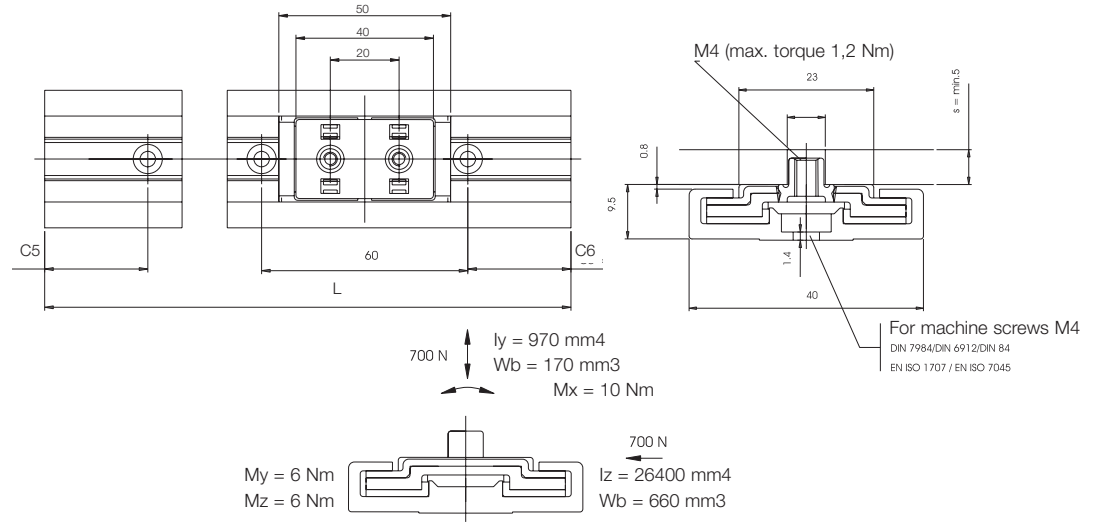
\*Any length available, please call us.

Part No.	Weight	Price	
carriage	[g]	1 off	10 off
NW-02-27	12,5	£3,65	£2,17





# DryLin® N – Low-Profile Linear Guide N40



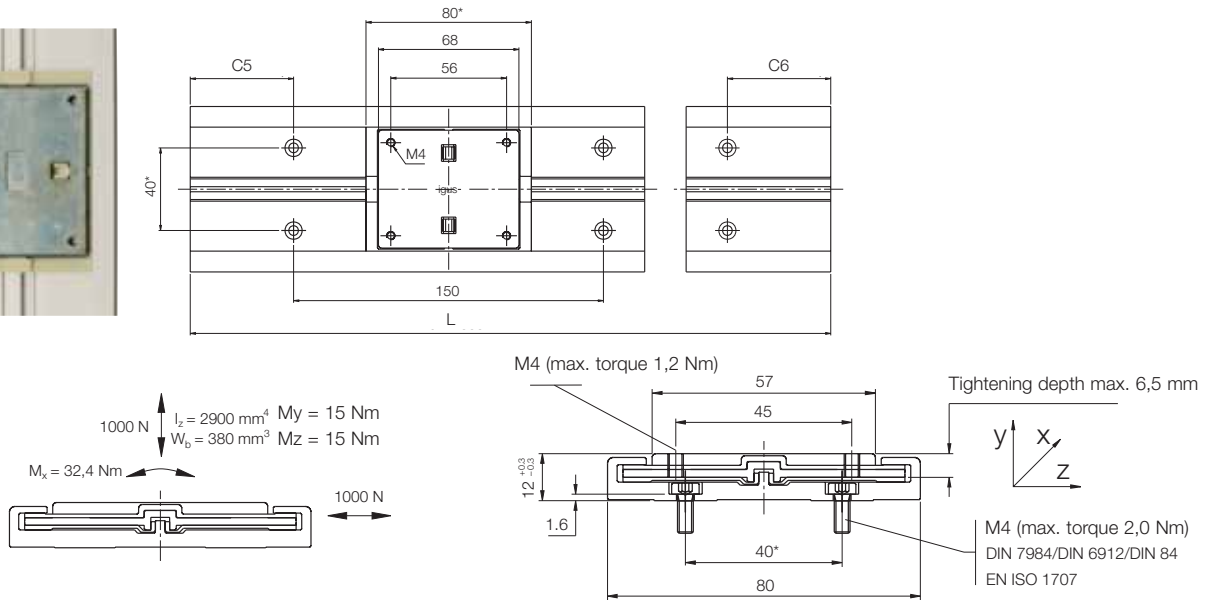
## DryLin® N – Low-Profile

Part No.	L* [mm]	Weight [g]	C5/C6 [mm]	Price		
rail				1 off	10 off	35 off
NS-01-40-300	300	135	30	£10,78	£9,53	£6,60
NS-01-40-600	600	270	30	£19,56	£18,31	£12,49
NS-01-40-1000	1000	450	20	£31,26	£20,40	£19,26

\*Any length available, please call us.

Part No.	Weight [g]	Price	
carriage		1 off	10 off
NW-02-40	30	£6,00	£3,38

## DryLin® N – Low-Profile Linear Guide N80



## DryLin® N – Low-Profile

Part No.	L* [mm]	Weight [g]	C5/C6 [mm]	Price		
rail				1 off	10 off	25 off
NS-01-80-300	300	342	75	£13,73	£12,48	£8,89
NS-01-80-600	600	684	75	£25,47	£24,22	£17,07
NS-01-80-1000	1000	1140	50	£41,11	£28,04	£26,99

\*Any length available, please call us.

Part No.	Weight [g]	Price	
carriage		1 off	10 off
NW-02-80	100	£7,40	£4,41

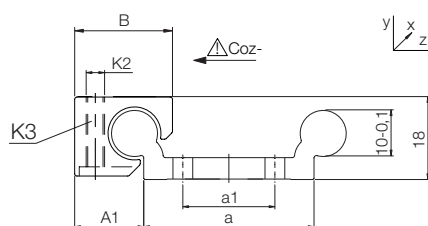
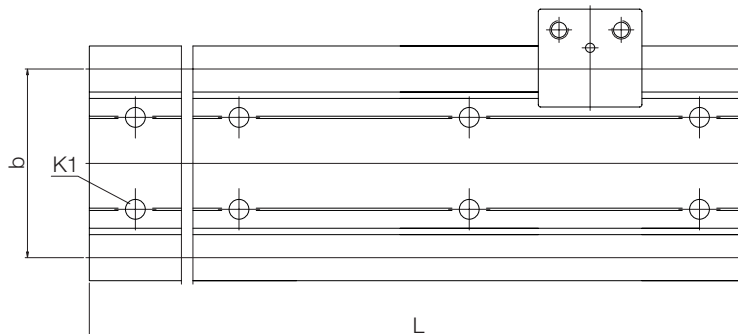
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**DryLin® W guide rails**

Part No.	Weight [kg/m]	L* max. [mm]	a -0,3 [mm]	b [mm]	A1 [mm]	a1 [mm]
WS-10-300	0,62	300	27	-	16,5	**
WS-10-600	0,62	600	27	-	16,5	**
WS-10-1000	0,62	1000	27	-	16,5	**
WS-10-40-300	1,00	300	40	40	16,5	**
WS-10-40-600	1,00	600	40	40	16,5	**
WS-10-40-1000	1,00	1000	40	40	16,5	**
WS-10-80-300	1,50	300	74	74	16,5	40
WS-10-80-600	1,50	600	74	74	16,5	40
WS-10-80-1000	1,50	1000	74	74	16,5	40

\*Any length available, please call us. \*\*Single row of mounting holes down centreline.

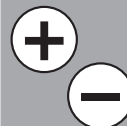
Prices for the guide rails ► page 18

**DryLin® W single bearing blocks**

Part No.	Weight ±0,07 [g]	B [mm]	C1 [mm]	C3 [mm]	K1 [mm]	K2 [mm]	K3 [mm]	Stat. Load Capac.			Price		
								Coy	Coz+	Coz-	1 off	10 off	25 off
								[N]	[N]	[N]	£5.40	£5.23	£4.15
WJUM-01-10	41	26	29	16	M6	M6	M5	1200	1200	250	£5.40	£5.23	£4.15

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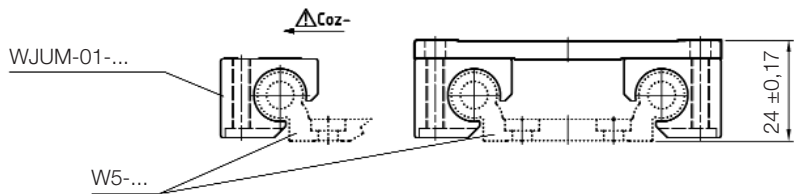
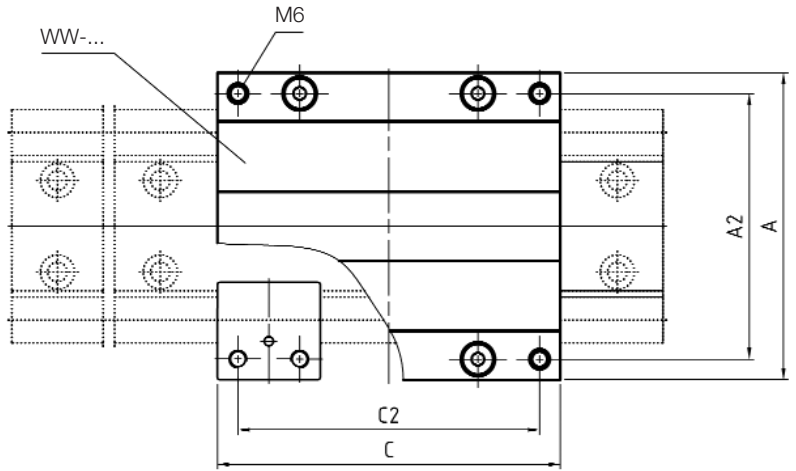


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**DryLin® W plates fitted with bearing blocks**

Part No.	Suitable Rail	A [kg]	C [mm]	A2 [mm]	C2 [mm]	Stat. Load Capacity		Price		
						Coy [N]	Coz [N]	1 off	10 off	25 off
WW-10-40-10	[WS-10-40]	73	100	60	87	4800	4800	£28,17	£26,96	£21,86
WW-10-40-15	[WS-10-40]	73	150	60	137	4800	4800	£29,78	£28,50	£23,11
WW-10-40-20	[WS-10-40]	73	200	60	187	4800	4800	£31,52	£30,16	£24,46
WW-10-80-10	[WS-10-80]	107	100	94	87	4800	4800	£30,12	£28,82	£23,37
WW-10-80-15	[WS-10-80]	107	150	94	137	4800	4800	£32,19	£30,80	£24,98
WW-10-80-20	[WS-10-80]	107	200	94	187	4800	4800	£35,58	£34,05	£27,61

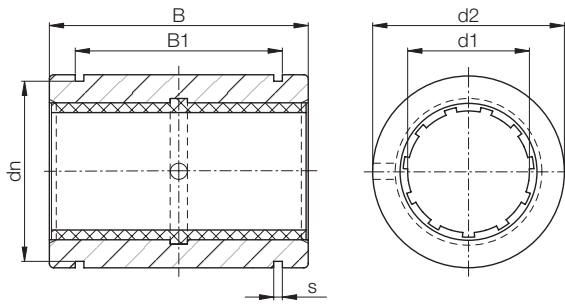
**DryLin® W guide rails**

Part No.	Prices		
	1 off	10 off	35 off
WS-10-300	£10,74	£9,49	£8,97
WS-10-600	£19,48	£18,23	£17,25
WS-10-1000	£31,13	£28,33	£26,08
WS-10-40-300	£12,37	£11,12	£10,52
WS-10-40-600	£22,74	£21,49	£20,33
WS-10-40-1000	£36,57	£32,42	£30,82
WS-10-80-300	£18,31	£17,06	£16,14
WS-10-80-600	£34,63	£33,38	£31,59
WS-10-80-1000	£56,38	£52,23	£48,08

Example: If you require a 1 metre long system with an 80mm wide plate, 200mm long fitted with bearings then you need to order:  
1 off WS-10-80-1000 (rail)  
1 off WW-10-80-20 (carriage plate)



# DryLin® R – Liner Plain Bearing RJUM-01, mm



## Special properties

- Closed, anodized aluminium adapter
- Dimension equivalent to the standard for recirculating ball bearings
- Fitted with JUM-01 liner made of iglidur® J
- Recommended housing bore H7
- Recommended tolerance for the shaft: h6-h10 (see igus® shafts p. 1.30)
- Secured by DIN 471 or 472 circlips (not included in delivery)

\* According to igus® testing method



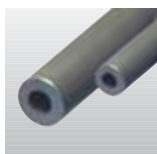
## Inner Diameter, Load Capacity and Weight

Part No.	Tolerance*	pmax. [N]	pmax. [N]	Weight [g]
	Bearing Inner Diameter [mm]	Dynamic Load P = 5 MPa	Static Load P = 35 MPa	
RJZM-01-08**	0,032 - 0,070	960	6720	9
RJUM-01-10	0,030 - 0,088	725	5075	14
RJUM-01-12	0,030 - 0,088	960	6720	21
RJUM-01-16	0,030 - 0,088	1440	10080	28
RJUM-01-20	0,030 - 0,091	2250	15750	49
RJUM-01-25	0,030 - 0,091	3625	25375	108
RJUM-01-30	0,040 - 0,110	5100	35700	162
RJUM-01-40	0,040 - 0,115	8000	56000	334
RJUM-01-50	0,050 - 0,130	12500	87500	579

## Dimensions [mm]

Part No.	d1 [mm]	d2 [mm]	B [mm]		s [mm]	dn [mm]	Price		
			h7	H10			1 off	10 off	25 off
RJZM-01-08**	8	16	25	16,2	1,10	15,2	£7,92	£5,43	£4,43
RJUM-01-10	10	19	29	21,6	1,30	17,5	£8,50	£5,70	£4,64
RJUM-01-12	12	22	32	22,6	1,30	20,5	£9,57	£6,21	£5,06
RJUM-01-16	16	26	36	24,6	1,30	24,2	£11,13	£7,30	£5,95
RJUM-01-20	20	32	45	31,2	1,60	29,6	£13,12	£8,58	£7,52
RJUM-01-25	25	40	58	43,7	1,85	36,5	£16,88	£14,84	£12,09
RJUM-01-30	30	47	68	51,7	1,85	43,5	£21,69	£18,56	£15,11
RJUM-01-40	40	62	80	60,3	2,15	57,8	£35,51	£26,82	£21,84
RJUM-01-50	50	75	100	77,3	2,65	70,5	£52,14	£47,91	£39,02

\*\*Nominal diameter under 10 mm are delivered with pressfit sleeve plain bearings



► Use aluminium shafts see page 30

## Design Tip:

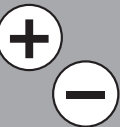
If you are using two parallel shafts, fit one shaft with self aligning bearings (page 21) to avoid misalignment problems.



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/DryLin](http://www.igus.co.uk/en/DryLin)

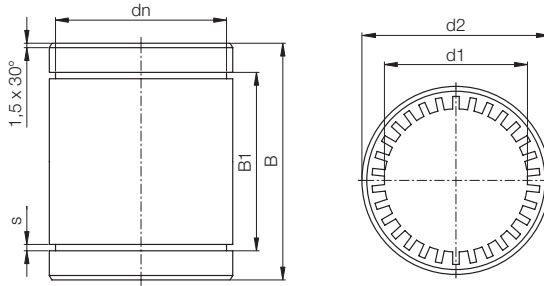
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### Special properties

- Plain bearing made from iglidur® J (further information about iglidur® J in ► Page 4)
- Dimensions correspond to the standard for recirculating ball bearings
- Recommended housing bore (d2) H7
- Assembly by pressfitting
- Recommended tolerance for the shaft: h6-h10 (see iglus® shafts p. 30)
- Secured by DIN 471 or 472 circlips (not included in delivery)

\* According to iglus® testing method



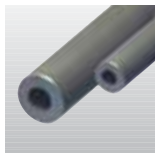
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### Inner Diameter, Load Capacity and Weight

Part No.	Tolerance* for d1 E9 [mm]	pmax. [N]	pmax. [N]	Weight [g]
		Dynamic Load P = 2,5 MPa	Static Load P = 17,5 MPa	
RJM-01-08	0,025 - 0,061	250	1750	4
RJM-01-10	0,032 - 0,075	363	2538	7
RJM-01-12	0,032 - 0,075	480	3360	9
RJM-01-16	0,032 - 0,075	720	5040	13
RJM-01-20	0,040 - 0,092	1125	7875	24
RJM-01-25	0,040 - 0,092	1813	12688	47
RJM-01-30	0,040 - 0,092	2550	17850	72
RJM-01-40	0,050 - 0,112	4000	28000	127
RJM-01-50	0,060 - 0,134	6250	43750	242

### Dimensions [mm]

Part No.	d1	d2	B	B1	s	dn	Price		
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	1 off	10 off	25 off
RJM-01-08	8	16	25	16,2	1,10	15,2	£3,49	£2,71	£2,32
RJM-01-10	10	19	29	21,6	1,30	17,5	£3,66	£2,84	£2,44
RJM-01-12	12	22	32	22,6	1,30	20,5	£3,99	£3,10	£2,66
RJM-01-16	16	26	36	24,6	1,30	24,2	£4,68	£3,64	£3,12
RJM-01-20	20	32	45	31,2	1,60	29,6	£6,18	£4,81	£4,12
RJM-01-25	25	40	58	43,7	1,85	36,5	£9,51	£7,40	£6,34
RJM-01-30	30	47	68	51,7	1,85	43,5	£11,90	£9,25	£7,93
RJM-01-40	40	62	80	60,3	2,15	57,8	£17,20	£13,38	£11,47
RJM-01-50	50	75	100	77,3	2,65	70,5	£30,73	£23,90	£20,48



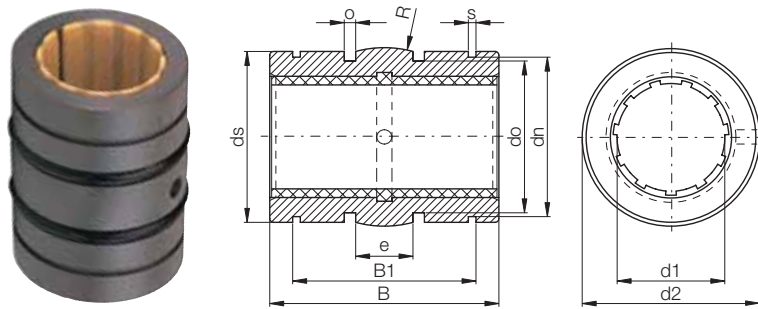
► Use aluminium shafts see page 30



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/DryLin](http://www.igus.co.uk/en/DryLin)

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## Special properties

- Closed aluminium adapter with reduced outer diameter, spherical area on the outer diameter, O-rings for elastic seating and hard anodized surface
- Dimensions otherwise equivalent to the standard for recirculating ball bearings
- Fitted with JUM-01 liner made of iglidur® J
- Recommended housing bore H7
- Recommended tolerance for the shaft: h6-h10 (see igus® shafts p. 30)
- Secured by DIN 471 or 472 circlips (not included in delivery)



\* According to igus® testing method



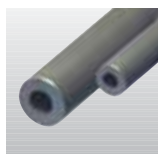
## Inner Diameter, Load Capacity and Weight

Part No.	Housing-Bore, Ø H7 [mm]	Tolerance* Bearing Inner Diameter [mm]	pmax. [N]		Weight [g]	Price		
			Dynamic Load P = 5 MPa	Static Load P = 35 MPa		1 off	10 off	25 off
RJZM-03-08**	16	0,032 - 0,070	960	6720	8	£9,03	£5,67	£4,62
RJUM-03-10	19	0,030 - 0,088	725	5075	11	£10,47	£6,57	£5,35
RJUM-03-12	22	0,030 - 0,088	960	6720	17	£11,74	£7,20	£5,86
RJUM-03-16	26	0,030 - 0,088	1440	10080	23	£14,35	£8,39	£6,83
RJUM-03-20	32	0,030 - 0,091	2250	15750	44	£16,55	£11,17	£9,09
RJUM-03-25	40	0,030 - 0,091	3625	25375	92	£20,90	£16,87	£13,74
RJUM-03-30	47	0,040 - 0,110	5100	35700	145	£26,80	£21,14	£17,22
RJUM-03-40	62	0,040 - 0,115	8000	56000	311	£42,86	£30,31	£24,68
RJUM-03-50	75	0,050 - 0,130	12500	87500	542	£58,53	£53,84	£43,84

## Dimensions [mm]

Part No.	d1	d2	B	B1	s	dn	ds	do	o	e	R
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
			h8	h10	H10	H10	h10	h10	h10	+0,1	
RJZM-03-08**	8	15,8	24,9	16,4	1,10	15,0	15,5	13,2	1,86	5,0	20,0
RJUM-03-10	10	18,8	28,9	21,8	1,30	17,5	18,5	15,4	1,86	5,0	13,0
RJUM-03-12	12	21,8	31,9	22,8	1,30	20,5	21,5	18,4	1,86	6,0	18,0
RJUM-03-16	16	25,8	35,9	24,9	1,30	24,2	25,5	20,4	2,86	8,0	32,0
RJUM-03-20	20	31,8	44,8	31,5	1,60	29,6	31,5	26,4	2,86	10,0	50,0
RJUM-03-25	25	39,8	57,8	44,1	1,85	36,5	39,5	34,4	2,86	12,5	39,0
RJUM-03-30	30	46,7	67,8	52,1	1,85	43,5	46,0	41,4	2,86	15,0	57,0
RJUM-03-40	40	61,7	79,8	60,9	2,15	57,8	61,0	56,4	2,86	20,0	100,0
RJUM-03-50	50	74,7	99,8	78,0	2,65	70,5	74,0	69,4	2,86	25,0	157,0

\*\*Nominal diameter under 10 mm are delivered with pressfit sleeve bearings



► Use aluminium shafts see page 30



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/DryLin](http://www.igus.co.uk/en/DryLin)

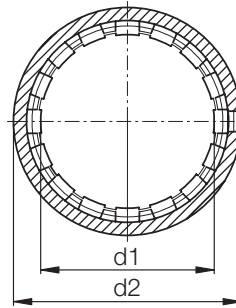
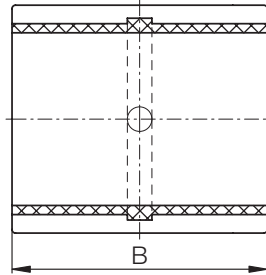
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### Special properties

- Compact dimensions
- Closed, anodized aluminium adapter
- Dimensions equivalent to the standard for recirculating ball bearings
- Fitted with JUM-02 liners made of iglidur® J
- Recommended tolerance for the shaft: h6-h10 (see igus® shafts p. 30)
- Secured by pressfitting in steel housing bore H7 or aluminium housing bore K7

\* According to igus® testing method



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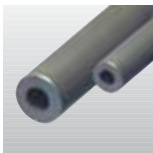
### Inner Diameter, Load Capacity and Weight

Part No.	Housing Bore, Ø H7/K7 [mm]	Tolerance* Bearing Inner Diameter [mm]	pmax. [N]	pmax. [N]	1 off	Price 10 off	25 off
			Dynamic Load P = 5 MPa	Static Load P = 35 MPa			
RJZM-02-08**	15	0,032 - 0,070	650	4550	£7,21	£4,93	£4,01
RJUM-02-10	17	0,030 - 0,088	650	4550	£8,14	£5,61	£4,57
RJUM-02-12	19	0,030 - 0,088	840	5880	£8,78	£5,73	£4,67
RJUM-02-16	24	0,030 - 0,088	1200	8400	£10,02	£6,57	£5,35
RJUM-02-20	28	0,030 - 0,091	1500	10500	£10,35	£7,66	£6,24
RJUM-02-25	35	0,030 - 0,091	2500	17500	£14,42	£12,26	£9,98
RJUM-02-30	40	0,040 - 0,110	3750	26250	£17,97	£14,86	£12,10
RJUM-02-40	52	0,040 - 0,115	6000	42000	£28,36	£23,13	£18,83
RJUM-02-50	62	0,050 - 0,130	8750	61250	£35,13	£30,89	£25,16

### Dimensions [mm]

Part No.	Weight [g]	d1 [mm]	d2	B [mm]
			[mm] k7 h10	
RJZM-02-08**	6	8	15	24
RJUM-02-10	8	10	17	26
RJUM-02-12	10	12	19	28
RJUM-02-16	17	16	24	30
RJUM-02-20	18	20	28	30
RJUM-02-25	42	25	35	40
RJUM-02-30	56	30	40	50
RJUM-02-40	113	40	52	60
RJUM-02-50	147	50	62	70

\*\*Nominal diameter under 10 mm are delivered with pressfit sleeve bearings



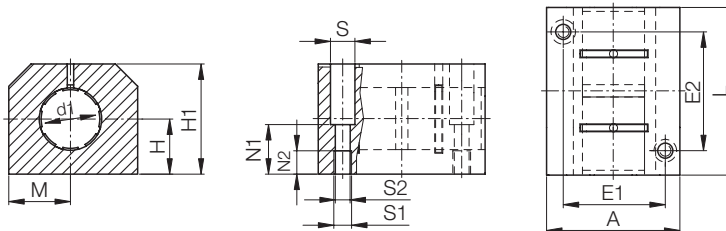
► Use aluminium shafts see page 30



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/DryLin](http://www.igus.co.uk/en/DryLin)

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**Special properties**

- Tandem type of design
- Closed, anodized aluminium housing, long design
- 2 liners JUM-02 made of iglidur® J
- Recommended tolerance for the shaft: h6-h10 (see igus® shafts p. 30)

\* According to igus® testing method

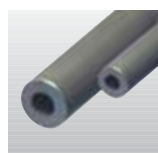


**Inner Diameter, Load Capacity and Weight**

Part No.	Tolerance*	pmax. [N]		Weight [kg]	Price		
	Bearing Inner Diameter [mm]	Dynamic Load P = 5 MPa	Static Load P = 35 MPa		1 off	10 off	25 off
RJUMT-05-12	0,03-0,088	840	5880	0,17	£39,39	£33,42	£27,57
RJUMT-05-16	0,03-0,088	1200	8400	0,25	£46,30	£39,29	£32,41
RJUMT-05-20	0,03-0,091	1500	10500	0,30	£53,21	£45,15	£37,25
RJUMT-05-25	0,03-0,091	2500	17500	0,55	£58,93	£50,00	£41,25
RJUMT-05-30	0,04-0,110	3750	26250	0,75	£85,55	£72,58	£66,54
RJUMT-05-40	0,04-0,115	6000	42000	1,50	£116,95	£99,23	£90,96
RJUMT-05-50	0,05-0,130	8750	61250	2,40	£142,92	£121,26	£111,16

**Dimensions [mm]**

Part No.	d1 [mm]	H [mm]	H1 [mm]	A [mm]	M [mm]	E1 [mm]	E2 [mm]	S [mm]	S1	S2 [mm]	N1 [mm]	N2 [mm]	L [mm]
		+0,01				±0,15	±0,15						
		-0,014											
RJUMT-05-12	12	17	33	40	20	29	35	8,0	M 5	4,3	16,0	11	60
RJUMT-05-16	16	19	38	45	22,5	34	40	8,0	M 5	4,3	18,0	11	65
RJUMT-05-20	20	23	45	53	26,5	40	45	9,5	M 6	5,3	22,0	13	65
RJUMT-05-25	25	27	54	62	31	48	55	11,0	M 8	6,6	26,0	18	85
RJUMT-05-30	30	30	60	67	33,5	53	70	11,0	M 8	6,6	29,0	18	105
RJUMT-05-40	40	39	76	87	43,5	69	85	15,0	M 10	8,4	38,0	22	125
RJUMT-05-50	50	47	92	103	51,5	82	100	18,0	M 12	10,5	46,0	26	145



► Use aluminium shafts see page 30



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/DryLin](http://www.igus.co.uk/en/DryLin)

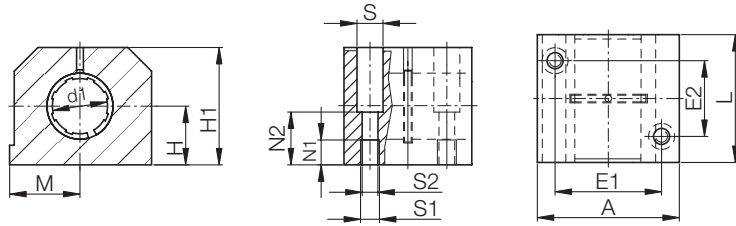
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**Special properties**

\* According to iglus® testing method



- Closed, anodized aluminium housing, long version
- Liner JUM-01 made of iglidur® J is contained as standard
- Recommended tolerance for the shaft: h6-h10 (see iglus® shafts p. 30)

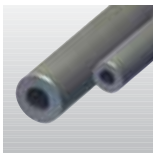
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**Inner Diameter, Load Capacity and Weight**

Part No.	Tolerance* Bearing Inner Diameter [mm]	pmax. [N]		Weight [kg]	Price		
		Dynamic Load P = 5 MPa	Static Load P = 35 MPa		1 off	10 off	25 off
RJUM-06-12	0,030 - 0,088	960	6720	0,121	£22,78	£20,85	£16,88
RJUM-06-16	0,030 - 0,088	1440	10080	0,211	£24,87	£22,76	£18,42
RJUM-06-20	0,030 - 0,091	2250	15750	0,323	£30,84	£28,22	£22,84
RJUM-06-25	0,030 - 0,091	3625	25375	0,651	£40,60	£37,15	£30,07
RJUM-06-30	0,040 - 0,110	5100	35700	1,050	£50,80	£46,49	£37,63
RJUM-06-40	0,040 - 0,115	8000	56000	1,820	£73,71	£67,44	£54,60
RJUM-06-50	0,050 - 0,130	12500	87500	3,250	£148,64	£136,01	£110,10

**Dimensions [mm]**

Part No.	d1 [mm]	H [mm]	H1 [mm]	A [mm]	M [mm]	E1 [mm]	E2 [mm]	S [mm]	S1	S2 [mm]	N1 [mm]	N2 [mm]	L [mm]
		+0,01 -0,014				±0,15	±0,15						
RJUM-06-12	12	18	35	43	21,5	32	23	8,0	M 5	4,3	16,5	11	39
RJUM-06-16	16	22	42	53	26,5	40	26	10,0	M 6	5,3	21,0	13	43
RJUM-06-20	20	25	50	60	30,0	45	32	11,0	M 8	6,6	24,0	18	54
RJUM-06-25	25	30	60	78	39,0	60	40	15,0	M10	8,4	29,0	22	67
RJUM-06-30	30	35	70	87	43,5	68	45	15,0	M10	8,4	34,0	22	79
RJUM-06-40	40	45	90	108	54,0	86	58	18,0	M12	10,5	44,0	26	91
RJUM-06-50	50	50	105	132	66,0	108	50	20,0	M16	13,5	49,0	34	113



► Use aluminium shafts see page 30

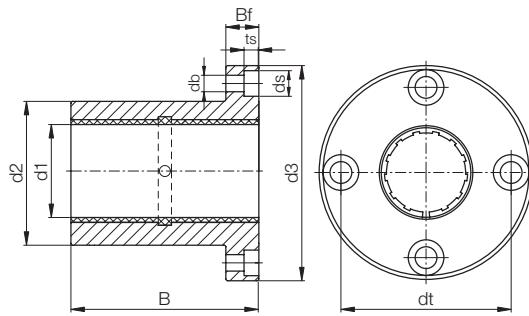


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## Special properties

- Flange pillow block made of anodized aluminium, round flange
- Liner JUM-01 made of iglidur® J is fitted as standard
- Recommended tolerance for the shaft: h6-h10 (see igus® shafts p. 30)

\* According to igus® testing method



\*\*Nominal diameter under 10 mm are delivered with pressfit sleeve bearings

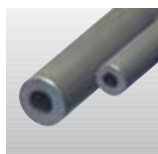
## Inner Diameter, Load Capacity and Weight

Part No.	Tolerance* Bearing Inner Diameter [mm]	pmax. [N] Dynamic Load P = 5MPa	pmax. [N] Static Load P = 35 MPa	Weight [g]	Price		
					1 off	10 off	25 off
FJZM-01-08**	0,032 - 0,070	960	6720	20	£19,33	£16,43	£13,14
FJUM-01-10	0,030 - 0,088	725	5075	32	£23,83	£20,85	£16,38
FJUM-01-12	0,030 - 0,088	960	6720	42	£25,80	£22,58	£17,74
FJUM-01-16	0,030 - 0,088	1440	10080	51	£27,08	£23,70	£18,62
FJUM-01-20	0,030 - 0,091	2250	15750	88	£29,02	£25,39	£19,95
FJUM-01-25	0,030 - 0,091	3625	25375	152	£34,55	£30,23	£23,76
FJUM-01-30	0,040 - 0,110	5100	35700	266	£56,48	£49,42	£38,83
FJUM-01-40	0,040 - 0,115	8000	56000	552	£73,84	£64,61	£50,76
FJUM-01-50	0,050 - 0,130	12500	87500	853	£87,10	£76,21	£59,88

## Dimensions [mm]

Part No.	d1 [mm]	d2 [mm]	dt [mm]	d3 [mm]	B [mm]	Bf [mm]	ts [mm]	db [mm]	ds [mm]
FJZM-01-08**	8	16	24	32	25	8	3,1	3,5	6,0
FJUM-01-10	10	19	29	39	29	9	4,1	4,5	7,5
FJUM-01-12	12	22	32	42	32	9	4,1	4,5	7,5
FJUM-01-16	16	26	36	46	36	9	4,1	4,5	7,5
FJUM-01-20	20	32	43	54	45	11	5,1	5,5	9,0
FJUM-01-25	25	40	51	62	58	11	5,1	5,5	9,0
FJUM-01-30	30	47	62	76	68	14	6,1	6,6	11,0
FJUM-01-40	40	62	80	98	80	18	8,1	9,0	14,0
FJUM-01-50	50	75	94	112	100	18	8,1	9,0	14,0

\*\*Nominal diameter under 10 mm are delivered with pressfit sleeve bearings



► Use aluminium shafts see page 30



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/DryLin](http://www.igus.co.uk/en/DryLin)

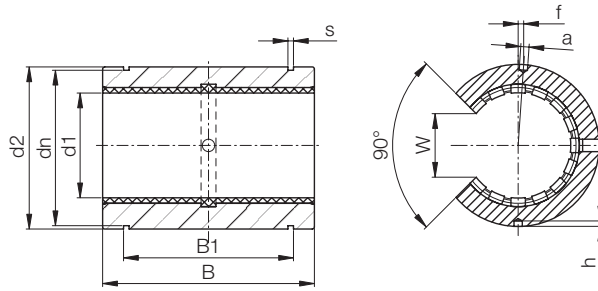
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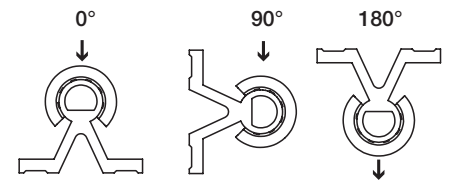
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## Special properties

- Open, anodized aluminium adapter for supported shafts
- Dimensions equivalent to the standard for recirculating ball bearings
- Fitted with JUMO-01 liner made of iglidur® J
- Recommended housing bore H7
- Recommended tolerance for the shaft: h6-h10 (see iglus® supported shafts p. 32)
- Secure the bearing with set screws (not included in the delivery)

\* According to iglus® testing method

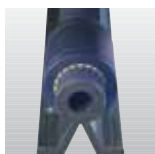


## Inner Diameter, Load Capacity and Weight

Part No.	Tolerance* Bearing Inner Diameter [mm]	pmax. [N] Dynamic Load P = 5 MPa			pmax. [N] Static Load P = 35 MPa			Weight [g]	Price		
		0°	90°	180°	0°	90°	180°		1 off	10 off	25 off
									£	£	£
OJUM-01-10	0,030 - 0,088	725	500	196	5075	3500	1370	11	£13,73	£8,44	£6,87
OJUM-01-12	0,030 - 0,088	960	635	240	6720	4445	1680	15	£14,20	£9,26	£7,54
OJUM-01-16	0,030 - 0,088	1440	990	396	10080	6943	2772	21	£14,61	£10,56	£8,60
OJUM-01-20	0,030 - 0,091	2250	1800	900	15750	12600	6300	42	£16,05	£14,77	£12,02
OJUM-01-25	0,030 - 0,091	3625	2953	1523	25375	20670	10658	70	£23,15	£21,12	£17,20
OJUM-01-30	0,040 - 0,110	5100	4250	2278	35700	29735	15946	132	£28,35	£25,86	£21,06
OJUM-01-40	0,040 - 0,115	8000	6810	3800	56000	47660	26660	278	£38,92	£35,51	£28,91
OJUM-01-50	0,050 - 0,130	12500	10750	6125	87500	75265	42875	479	£72,26	£65,92	£53,68

## Dimensions [mm]

Part No.	d1 [mm]	d2 [mm]	B [mm]	W [mm]	a [mm]	dn [mm]	B1 [mm]	s [mm]	f [mm]	h [mm]
OJUM-01-10	10	19	29	7,3	0,0	17,5	21,6	1,30	0	1,2
OJUM-01-12	12	22	32	9,0	3,0	20,5	22,6	1,30	1,33 (7°)	1,2
OJUM-01-16	16	26	36	11,6	2,2	24,2	24,6	1,30	0	1,2
OJUM-01-20	20	32	45	12,0	2,2	29,6	31,2	1,60	0	1,2
OJUM-01-25	25	40	58	14,5	3,0	36,5	43,7	1,85	-1,5 (-4,3°)	1,5
OJUM-01-30	30	47	68	16,6	3,0	43,5	51,7	1,85	2 (4,9°)	2,0
OJUM-01-40	40	62	80	21,0	3,0	57,8	60,3	2,15	1,5 (2,8°)	2,0
OJUM-01-50	50	75	100	25,5	5,0	70,5	77,3	2,65	2,5 (3,8°)	2,0



AWMU: ► Use aluminium shafts see page 32

## Design Tip:

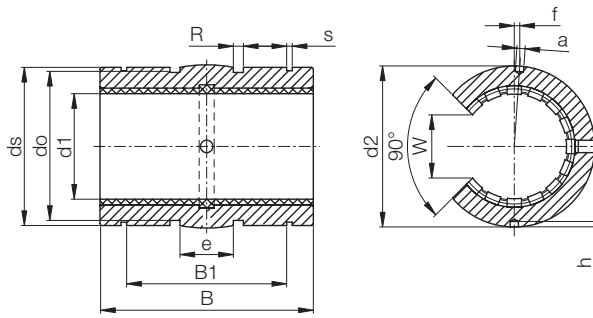
If you are using two parallel shafts, fit one shaft with self aligning bearings (page 27) to avoid misalignment problems.

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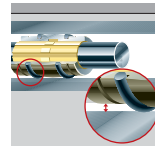
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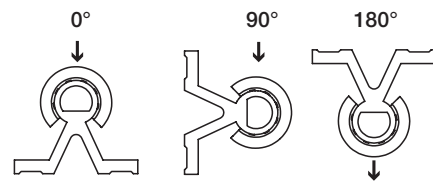


**Special properties**

- Closed aluminium adapter with
  - reduced outer diameter
  - spherical area on the outer diameter
- For misalignment compensation
  - O-rings for elastic seating
  - hard anodized
- Dimensions correspond to the standard for recirculating ball bearings
- Fitted with JUMO-01 liner made of iglidur® J
- Recommended housing bore H7
- Recommended tolerance for the shaft: h6-h10 (see igus® supported shafts p. 32)
- Secured by set screws (not included in delivery)



\* According to igus® testing method

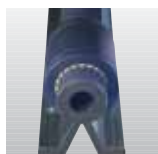


**Inner Diameter, Load Capacity and Weight**

Part No.	Housing Bore Ø H7 [mm]	Tolerance* Bearing Inner Diameter [mm]	pmax. [N] Dynamic Load P = 5 MPa			pmax. [N] Static Load P = 35 MPa			Weight [g]	Price		
			0°	90°	180°	0°	90°	180°		1 off	10 off	35 off
										£15,96	£9,62	£7,83
OJUM-03-10	19	0,030 - 0,088	725	500	196	5075	3500	1370	10	£15,96	£9,62	£7,83
OJUM-03-12	22	0,030 - 0,088	960	635	240	6720	4445	1680	13	£16,46	£10,48	£8,53
OJUM-03-16	26	0,030 - 0,088	1440	990	396	10080	6943	2772	19	£17,83	£11,89	£9,68
OJUM-03-20	32	0,030 - 0,091	2250	1800	900	15750	12600	6300	38	£19,16	£16,72	£13,62
OJUM-03-25	40	0,030 - 0,091	3625	2953	1523	25375	20670	10658	63	£25,99	£23,71	£19,31
OJUM-03-30	47	0,040 - 0,110	5100	4250	2278	35700	29735	15946	119	£31,75	£28,97	£23,59
OJUM-03-40	62	0,040 - 0,115	8000	6810	3800	56000	47660	26600	250	£43,44	£39,63	£32,27
OJUM-03-50	75	0,050 - 0,130	12500	10750	6125	87500	75265	42875	431	£79,80	£72,80	£59,28

**Dimensions [mm]**

Part No.	d1	d2	ds	e	o	do	B1	s	B	R	W	a	f	h
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	±0,2 [mm]	-0,5 [mm]
OJUM-03-10	10	18,8	18,5	5,0	1,86	15,4	21,8	1,30	28,9	13,0	7,3	0,0	0	1,2
OJUM-03-12	12	21,8	21,5	6,0	1,86	18,4	22,8	1,30	31,9	18,0	9,0	3,0	1,33 (7°)	1,2
OJUM-03-16	16	25,8	25,5	8,0	2,86	20,4	24,9	1,30	35,9	32,0	11,6	2,2	0	1,2
OJUM-03-20	20	31,8	31,5	10,0	2,86	26,4	31,5	1,60	44,8	50,0	12,0	2,2	0	1,2
OJUM-03-25	25	39,8	39,0	12,5	2,86	34,4	44,1	1,85	57,8	39,0	14,5	3,0	-1,5 (-4,3°)	1,5
OJUM-03-30	30	46,7	46,0	15,0	2,86	41,4	52,1	1,85	67,8	57,0	16,6	3,0	2 (4,9°)	2
OJUM-03-40	40	61,7	61,0	20,0	2,86	56,4	60,9	2,15	79,8	100,0	21,0	3,0	1,5 (2,8°)	2
OJUM-03-50	50	74,7	74,0	25,0	2,86	69,4	78,0	2,65	99,8	157,0	25,5	5,0	2,5 (3,8°)	2

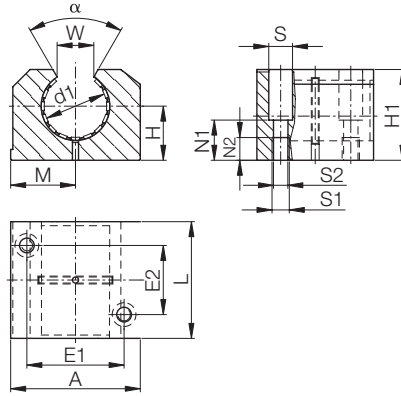


AWMU: ► Use aluminium shafts see page 32





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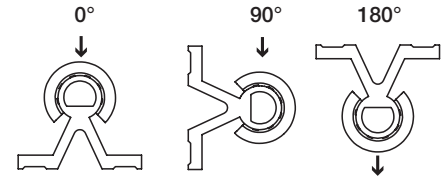


\* According to igus® testing method



**Special properties**

- Open pillow block made of anodized aluminium, for supported shafts
- Liner JUMO-01 made of iglidur® J is fitted as standard
- Recommended tolerance for the shaft: h6-h10 (see igus® supported shafts p. 32)

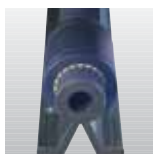


**Inner Diameter, Load Capacity and Weight**

Part No.	Tolerance* Bearing Inner Diameter [mm]	pmax. [N] Dynamic Load P = 5 MPa			pmax. [N] Static Load P = 35 MPa			Weight [g]	Price		
		0°	90°	180°	0°	90°	180°		1 off	10 off	25 off
OJUM-06-12	0,030 - 0,088	960	635	240	6720	4445	1680	0,095	£25,48	£21,66	£17,33
OJUM-06-16	0,030 - 0,088	1440	990	396	10080	6943	2772	0,158	£29,24	£24,85	£19,88
OJUM-06-20	0,030 - 0,091	2250	1800	900	15750	12600	6300	0,266	£34,93	£29,69	£23,75
OJUM-06-25	0,030 - 0,091	3625	2953	1523	25375	20670	10658	0,530	£41,33	£39,03	£31,23
OJUM-06-30	0,040 - 0,110	5100	4250	2278	35700	29735	15946	0,818	£55,88	£52,78	£42,22
OJUM-06-40	0,040 - 0,115	8000	6810	3800	56000	47660	26600	1,485	£84,12	£79,45	£63,56
OJUM-06-50	0,050 - 0,130	12500	10750	6125	87500	75265	42875	2,750	£153,01	£144,51	£115,61

**Dimensions [mm]**

Part No.	d1	H	H1	A	M	E1	E2	S	S1	S2	N1	N2	W	alpha	L
Standard	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[°]	[mm]
Pillow Block		+0,01				±0,15	±0,15						-1		
OJUM-06-12	12	18	28	43	21,5	23	32	8,0	M 5	4,3	16,5	11	10,2	78	39
OJUM-06-16	16	22	35	53	26,5	26	40	10,0	M 6	5,3	21,0	13	11,6	78	43
OJUM-06-20	20	25	42	60	30,0	32	45	11,0	M 8	6,6	24,0	18	12,0	60	54
OJUM-06-25	25	30	51	78	39,0	40	60	15,0	M10	8,4	29,0	22	14,5	60	67
OJUM-06-30	30	35	60	87	43,5	45	68	15,0	M10	8,4	34,0	22	16,6	57	79
OJUM-06-40	40	45	77	108	54,0	58	86	18,0	M12	10,5	44,0	26	21,0	56	91
OJUM-06-50	50	50	88	132	66,0	50	108	20,0	M16	13,5	49,0	34	25,5	54	113



AWMU: ► Use aluminium shafts see page 32

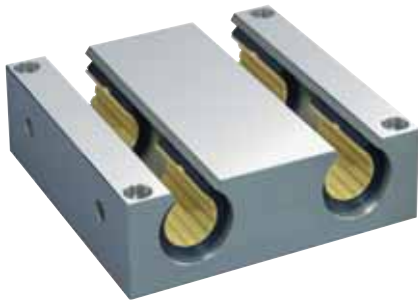


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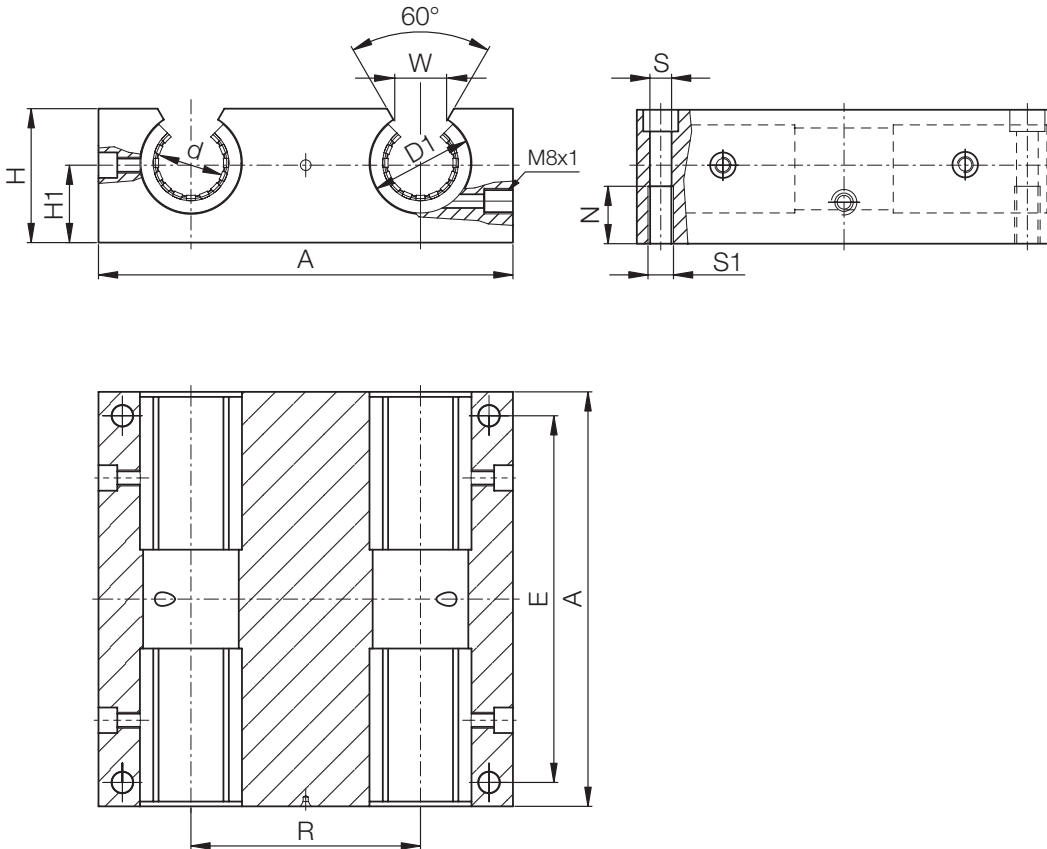
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## Special properties

- Housing: aluminium
- Equipped with DryLin® R linear plain bearings, part no. OJUM-01-ø and OJUM-03-ø
- Maintenance-free
- The bearing in the housing is secured using set screws
- Recommended tolerance for the shaft: h6 - h10 (see igus® supported shafts p. 32)



## Dimensions [mm]

### OQA Quad Block

Part No.	d	D1	A	H	H1	W	R	N	E	S	S1	Price		
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	1 off	10 off	25 off
OQA-01-12	12	22	85	30	18	14	42	13	73	5,3	M6	£101,15	£87,40	£80,83
OQA-01-16	16	26	100	35	22	17	54	13	88	5,3	M6	£106,57	£92,18	£85,33
OQA-01-20	20	32	130	42	25	17	72	18	115	6,8	M8	£134,80	£116,71	£108,00
OQA-01-25	25	40	160	51	30	21	88	22	140	9,0	M10	£176,91	£153,31	£141,80
OQA-01-30	30	47	180	60	35	21	96	26	158	10,5	M12	£223,69	£194,19	£179,89
OQA-01-40	40	62	230	77	45	27	122	34	202	13,5	M16	£355,45	£308,94	£286,59



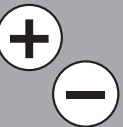
AWMU: ► Use aluminium shafts see page 32



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/DryLin](http://www.igus.co.uk/en/DryLin)

DryLin®

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## Special properties

- The recommended shaft material for all DryLin® linear bearings in this catalogue
  - Available from stock
  - Material: Aluminium
  - Tolerance: h10
  - Roundness: EN 754-3
  - Straightness: EN 754-3
  - Hardness: 75 HB
  - Surface: Hard anodized
  - Surface Hardness: 450-550 HV
- Please remember that this is a technical surface. Small colour variations are possible due to variable coating depths.

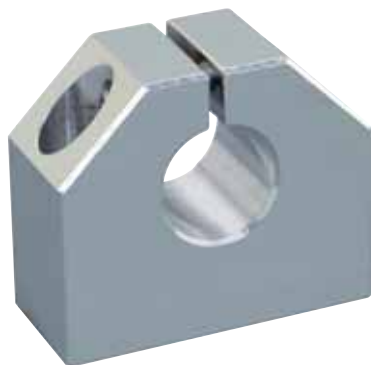
## Dimensions [mm]

### DryLin® Aluminium Shaft

Part No.	Version	Diameter [mm] h10	Weight [kg/m]	L* [mm]	Price		
					1 off	10 off	35 off
AWMP-08-300	solid shaft	8	0,14	300	£8,23	£6,98	£6,62
AWMP-08-600	solid shaft	8	0,14	600	£14,46	£13,21	£12,54
AWMP-08-1000	solid shaft	8	0,14	1000	£22,77	£20,46	£19,39
AWMP-10-300	solid shaft	10	0,22	300	£9,04	£7,79	£7,38
AWMP-10-600	solid shaft	10	0,22	600	£16,07	£14,82	£14,06
AWMP-10-1000	solid shaft	10	0,22	1000	£25,45	£23,02	£21,80
AWMP-12-300	solid shaft	12	0,32	300	£10,35	£9,10	£8,63
AWMP-12-600	solid shaft	12	0,32	600	£18,70	£17,45	£16,56
AWMP-12-1000	solid shaft	12	0,32	1000	£29,83	£27,19	£25,75
AWMP-16-300	solid shaft	16	0,56	300	£13,51	£12,26	£11,63
AWMP-16-600	solid shaft	16	0,56	600	£25,01	£23,76	£22,56
AWMP-16-1000	solid shaft	16	0,56	1000	£40,35	£37,19	£35,22
AWMP-20-300	solid shaft	20	0,88	300	£15,31	£14,06	£13,34
AWMP-20-600	solid shaft	20	0,88	600	£28,61	£27,36	£25,98
AWMP-20-1000	solid shaft	20	0,88	1000	£46,35	£42,89	£50,55
AWMP-25-300	solid shaft	25	1,37	300	£18,61	£17,36	£16,49
AWMP-25-600	solid shaft	25	1,37	600	£35,23	£33,98	£32,27
AWMP-25-1000	solid shaft	25	1,37	1000	£57,38	£53,37	£50,55
AWM-30-300	hollow shaft	30 x 7,5	1,48	300	£20,41	£19,16	£18,20
AWM-30-600	hollow shaft	30 x 7,5	1,48	600	£38,83	£37,58	£35,69
AWM-30-1000	hollow shaft	30 x 7,5	1,48	1000	£63,38	£59,07	£55,95
AWM-40-300	hollow shaft	40 x 10	2,63	300	£31,34	£30,09	£28,57
AWM-40-600	hollow shaft	40 x 10	2,63	600	£60,68	£59,43	£56,45
AWM-40-1000	hollow shaft	40 x 10	2,63	1000	£99,80	£93,66	£88,72
AWM-50-300	hollow shaft	50 x 11	3,75	300	£38,33	£37,08	£35,22
AWM-50-600	hollow shaft	50 x 11	3,75	600	£74,67	£73,42	£69,73
AWM-50-1000	hollow shaft	50 x 11	3,75	1000	£123,11	£115,80	£109,70

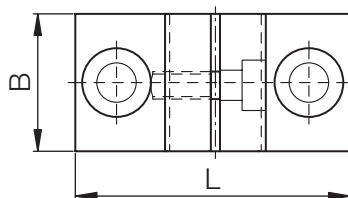
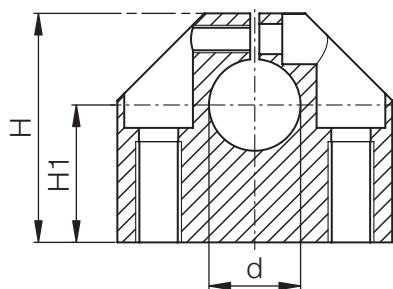
\*Any length available, please call us.





Special properties

- Material: aluminium

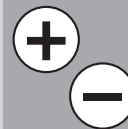


Dimensions [mm]

Part No.	d	B	H	H1	L	Price		
	[mm]	[mm]	[mm]	[mm] ±0,25	[mm]	1 off	10 off	25 off
WA-08	8	18	28	15	32	£15,13	£13,79	£13,09
WA-12	12	20	35	20	43	£15,90	£13,85	£13,11
WA-16	16	24	42	25	53	£17,23	£15,00	£14,39
WA-20	20	30	50	30	60	£18,84	£16,41	£15,74
WA-25	25	38	60	35	78	£24,33	£21,19	£20,33
WA-30	30	40	70	40	87	£26,13	£22,76	£21,83
WA-40	40	48	90	50	108	£33,70	£29,35	£28,15
WA-50	50	58	105	60	132	£57,82	£50,59	£46,25

DryLin® Shafts

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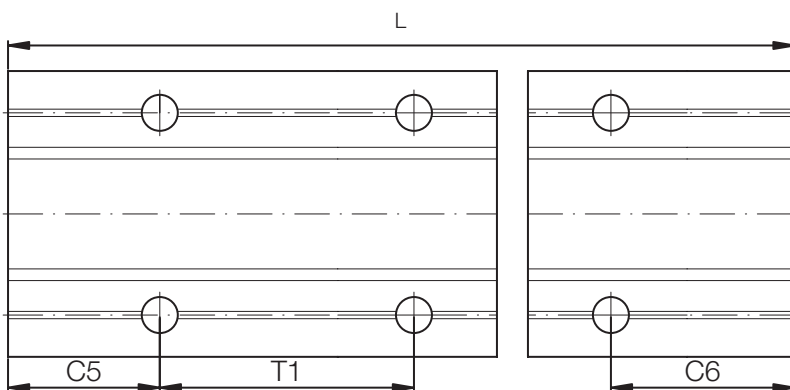
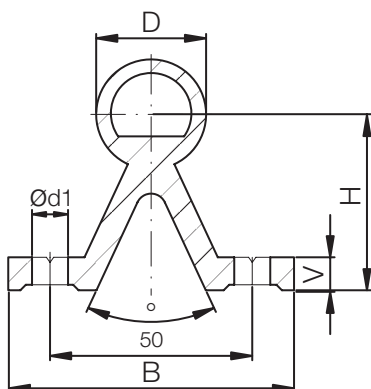




## Special properties

- Material: AlMgSi 0,5 F22
  - Roundness: DIN 12020
  - Straightness: DIN 12020
  - Hardness: 75 HB
  - Surface: Hard anodized
  - Surface Hardness: 450-550 HV
- Please remember that this is a technical surface.  
Small colour variations are possible due to variable coating depths.

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## Dimensions [mm]

### AWMU Supported Aluminium Shaft

Part No.	D	B	H	V	d1	E	T1	C5/C6	Weight [kg/m]	L* [mm]	Price		
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			1 off	10 off	35 off
	-0,1		±0,25		±0,25								
AWMU-12-300	12	40	22	5	4,5	29	75	37,5	0,750	300	£16,87	£15,62	£14,83
AWMU-12-600	12	40	22	5	4,5	29	75	37,5	0,750	600	£31,74	£30,49	£28,95
AWMU-12-1000	12	40	22	5	4,5	29	75	50	0,750	1000	£51,57	£47,84	£45,31
AWMU-16-300	16	45	26	5	5,5	33	100	50	1,000	300	£18,34	£17,09	£16,22
AWMU-16-600	16	45	26	5	5,5	33	100	50	1,000	600	£34,68	£33,43	£31,74
AWMU-16-1000	16	45	26	5	5,5	33	100	50	1,000	1000	£56,46	£52,45	£49,72
AWMU-20-300	20	52	32	6	6,6	37	100	50	1,415	300	£21,74	£20,49	£18,46
AWMU-20-600	20	52	32	6	6,6	37	100	50	1,415	600	£41,48	£40,23	£38,21
AWMU-20-1000	20	52	32	6	6,6	37	100	50	1,415	1000	£67,80	£63,26	£59,92
AWMU-25-300	25	57	36	6	6,6	42	120	30	1,805	300	£23,89	£22,64	£20,40
AWMU-25-600	25	57	36	6	6,6	42	120	60	1,805	600	£45,78	£44,53	£42,29
AWMU-25-1000	25	57	36	6	6,6	42	120	20	1,805	1000	£74,96	£70,66	£66,36
AWMU-30-300	30	69	42	7	9,0	51	150	75	2,69	300	£30,48	£29,23	£26,33
AWMU-30-600	30	69	42	7	9,0	51	150	75	2,69	600	£58,95	£57,70	£54,80
AWMU-30-1000	30	69	42	7	9,0	51	150	50	2,69	1000	£96,92	£90,92	£86,12
AWMU-40-300	40	73	50	8	9,0	55	200	50	4,060	300	£42,85	£41,60	£37,46
AWMU-40-600	40	73	50	8	9,0	55	200	100	4,060	600	£83,69	£82,44	£78,31
AWMU-40-1000	40	73	50	8	9,0	55	200	100	4,060	1000	£138,15	£130,10	£123,24

\*Any length available, please call us.

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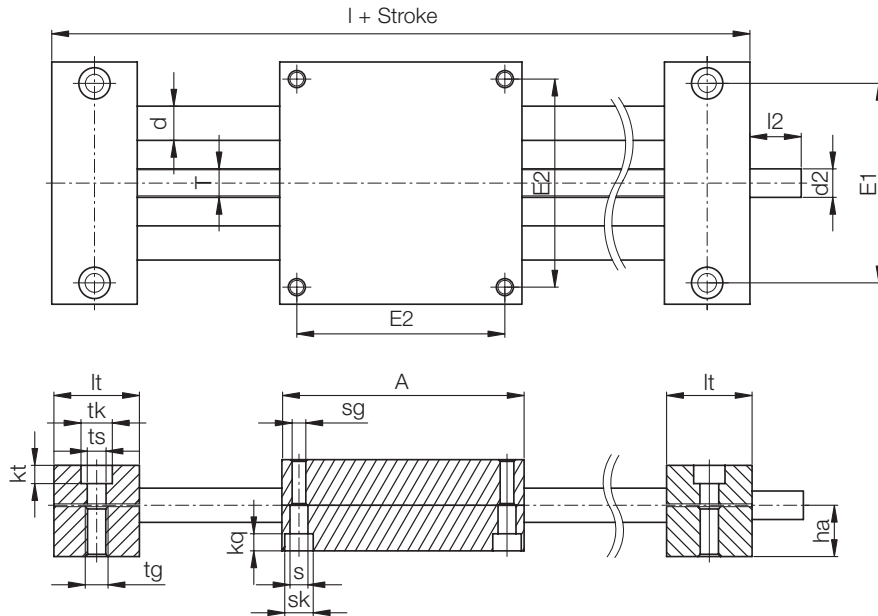
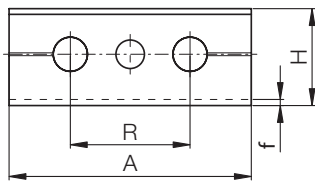
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**Special properties**

- Solid design
- 3 different sizes
- Maintenance-free and corrosion resistant
- TR10x2, TR18x4, TR24x5
- Hard anodised aluminium shaft



Part No.	Weight [kg]	Stroke* [mm]	Price		
			1 off	10 off	25 off
SHT-12-AWM-300	1,4	300	£145,98	£129,42	£109,55
SHT-12-AWM-600	1,7	600	£166,26	£149,70	£129,83
SHT-12-AWM-1000	2,1	1000	£193,30	£176,74	£156,87
SHT-20-AWM-300	4,1	300	£214,62	£189,90	£168,63
SHT-20-AWM-600	5	600	£239,97	£215,25	£193,98
SHT-20-AWM-1000	6,2	1000	£273,77	£249,05	£227,78
SHT-30-AWM-300	10,4	300	£349,34	£308,63	£273,58
SHT-30-AWM-600	12,2	600	£384,86	£344,15	£309,10
SHT-30-AWM-1000	14,6	1000	£432,22	£391,51	£356,46

\*Any stroke available, please contact us.

**Dimensions [mm]**

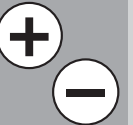
Part No.	A	H	E1	E2	I	R	f	It	tk	ts
	-0,3		±0,15	±0,15				±0,1		
SHT-12-AWM	85	34	70	73	145	42	2	30	11	6,6
SHT-20-AWM	130	48	108	115	202	72	2	36	15	9,0
SHT-30-AWM	180	68	150	158	280	96	4	50	20	13,5

Part No.	tg	kt	s	sk	sg	kq	d	T	l2	d2	ha
		±0,1									
SHT-12-AWM	M8	6,4	6,3	10	M6	6,0	12	TR10 x 2	17	TR10 x 2*	18
SHT-20-AWM	M10	8,6	6,4	11	M8	7,0	20	TR18 x 4	26	12 h9	23
SHT-30-AWM	M16	12,6	11,0	18	M12	10,6	30	TR24 x 5	38	14 h9	36

\* TR10x2 leadscrew end unmachined

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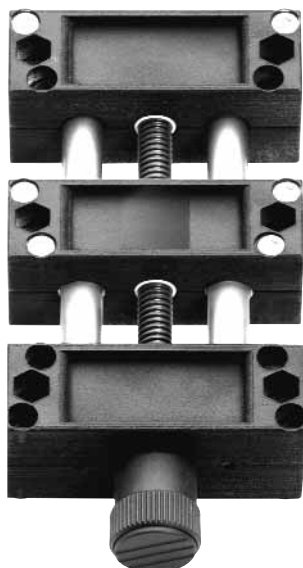
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# DryLin® SHTP – Cost-effective

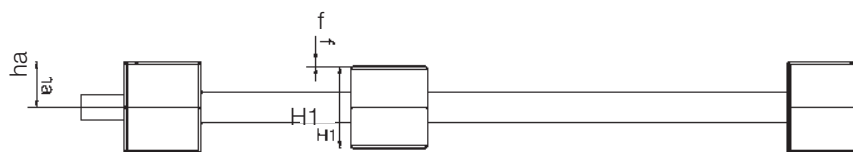
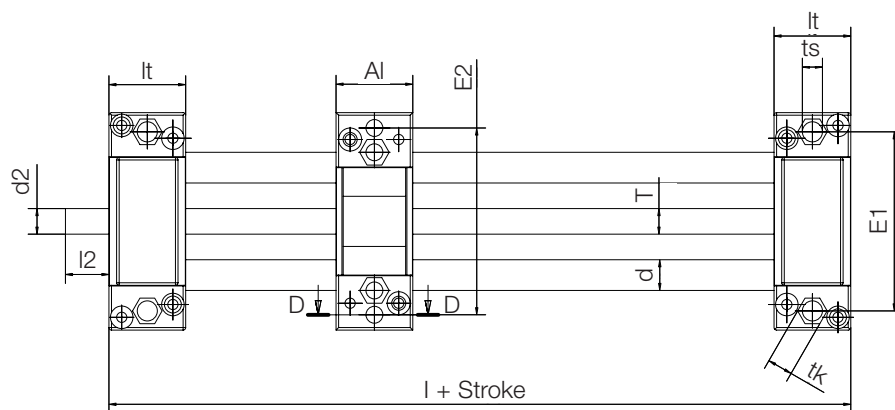
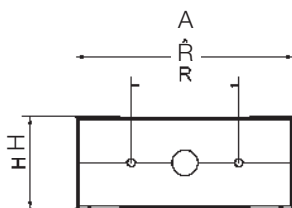
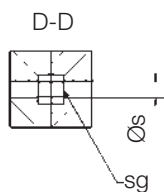
DryLin®



## Special properties

- Solid plastic version
- Light weight
- Cost-effective
- Corrosion resistant
- 2 sizes
- Hard anodised aluminium shaft

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Part No.	Weight [kg]	Stroke* [mm]	Special Properties	Price		
				1 off	10 off	25 off
SHTP-01-06-300	0,3	300	Square carriage with four sym. connection bores	£63,10	£53,57	£46,69
SHTP-01-06-600	0,5	600	Square carriage with four sym. connection bores	£78,31	£68,78	£61,90
SHTP-01-12-300	0,7	300	Liners and TR nuts made from iglidur® J	£87,08	£73,84	£64,29
SHTP-01-12-600	1	600	Liners and TR nuts made from iglidur® J	£107,36	£94,12	£84,57

\*Any stroke available, please contact us.

## Dimensions [mm]

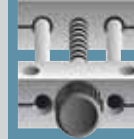
Part No.	A	Al	H	E1	E2	E3	I	R	f	lt	tk	ts
SHTP-01-06	45	45	19	38	36,5	36,5	67	25	1	11	8	4,2
SHTP-01-12	85	30	36	70	73	-	90	42	2	30	10	6,6

Part No.	s	sg	d	T	l2	d2*		ha	H1
						Standard			
SHTP-01-06	5,0	-	6	M8	15	M8		9	18
SHTP-01-12	6,3	M6	12	TR10x2	17	TR10x2		16	32

\* supplied with leadscrew end unmachined

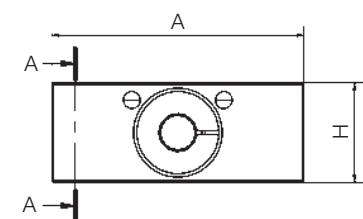
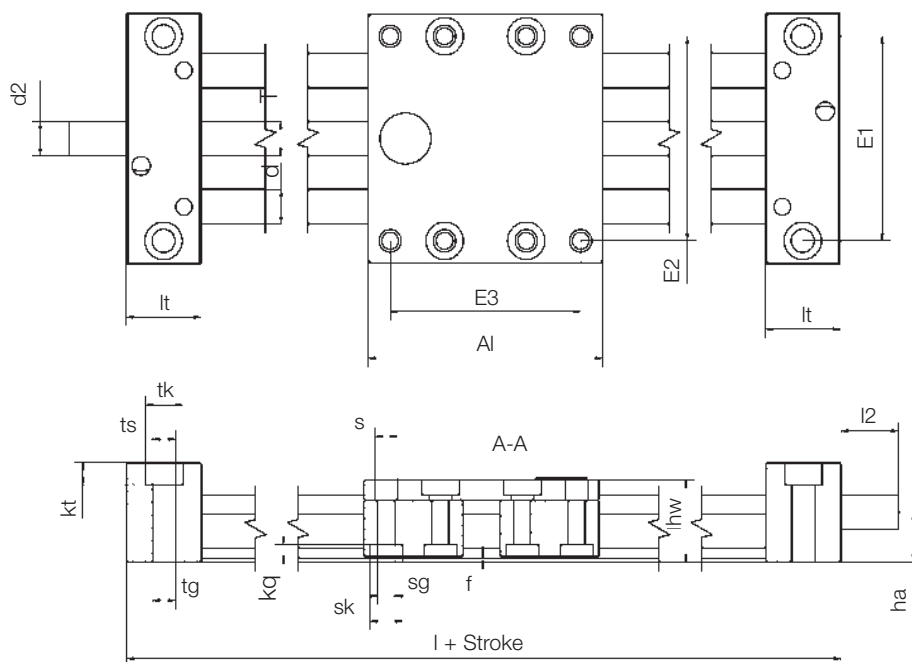
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**Special properties**

- Low-profile and compact
- High torsional stiffness
- Fully supported
- Hard anodized rail
- 2 sizes
- Zinc diecast end blocks



Part No.	Maximum Weight [kg]	Max. stat. axial load-bearing capacity [N]	Stroke* [mm]	Price		
				1 off	10 of	25 off
SLW-1040-300	1	700	300	£120,38	£102,57	£81,65
SLW-1040-600	1,3	700	600	£140,66	£122,85	£101,93
SLW-1040-1000	1,7	700	1000	£167,70	£149,89	£128,97
SLW-2080-300	4,2	1600	300	£216,57	£183,86	£160,96
SLW-2080-600	5,4	1600	600	£247,02	£214,31	£191,41
SLW-2080-1000	7	1600	1000	£287,62	£254,91	£232,01

\*Any stroke available, please contact us.

**Dimensions [mm]**

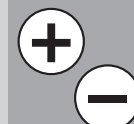
Part No.	A	AI*	H	E1	E2	E3	I	hw	f	lt	tk	ts	tg**
		-0,3	-0,3		±0,15	±0,15	±0,15						
SLW-1040	74	69	29	60	60	56	113	24	1,5	22	11	6,8	M8
SLW-2080	134	150	46	116	116	132	206	44	1,5	28	15	8,0	M10

Part No.	kt	s	sk	sg	kq	d	T	l2	d2	ha
	±0,1								Standard	
SLW-1040	6,4	6,6	9,5	M6	4,4	10	TR10 x 2	17	TR10 x 2***	14,5
SLW-2080	8,6	9,0	14,0	M8	5,5	20	TR18 x 4	26	12 h9	23,0

\*\*tg = thread for mounting \*\*\*TR10 x 2 supplied with leadscrew end unmachined

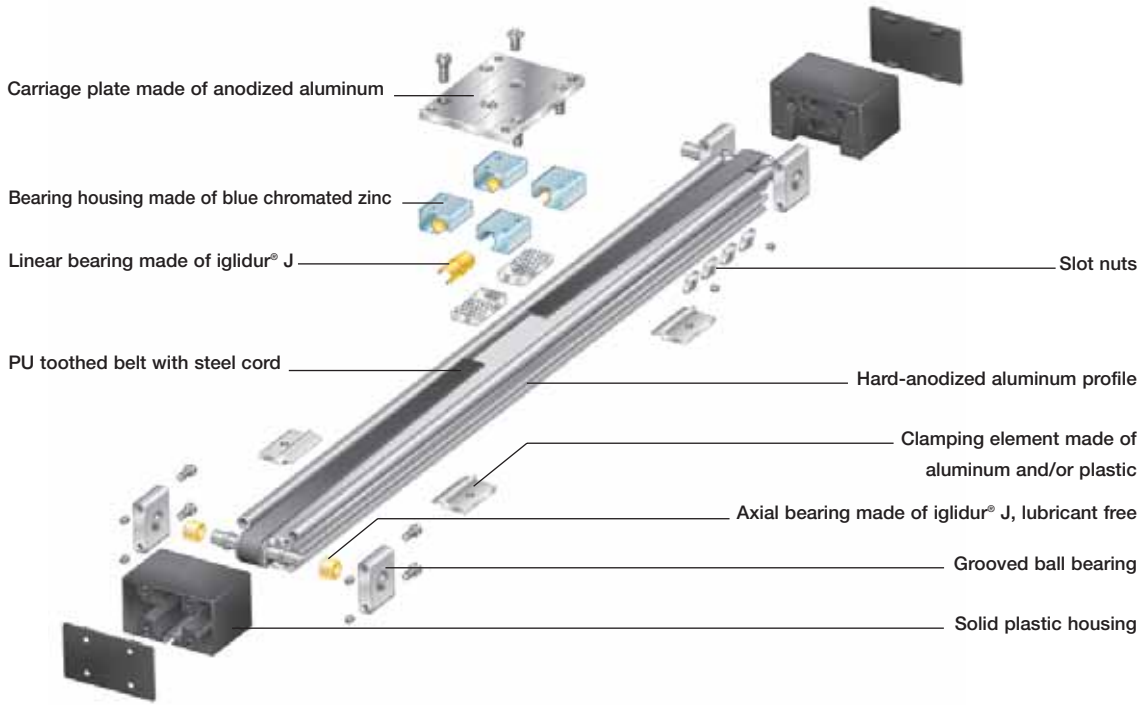
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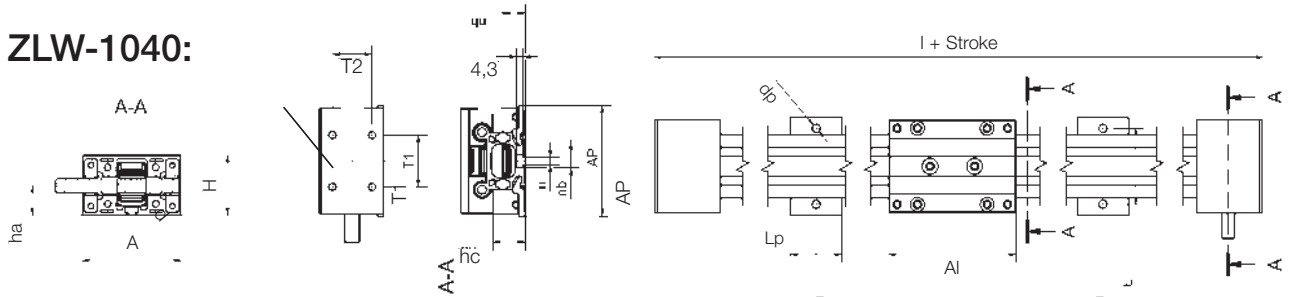




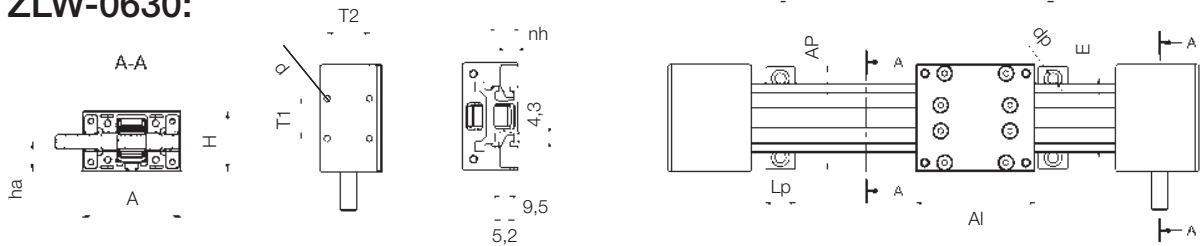
# DryLin® ZLW – Exploded View of the belt drive



## ZLW-1040:



## ZLW-0630:



## Technical Data

	Transmission [mm/rev]	-material	Toothed belt- width [mm]	-tension [N]	max. radial- stress [N]	Max. speed at 60% on-time [ms]
ZLW-1040	70	PU with Steel	16	200	300	5
ZLW-0630	54	Elastomer/GF	9	70	100	2

## Dimensions [mm]

Part No.	A	Al	H	I	f	lt	sg	ha
	-0,3					±0,3		
ZLW-1040-02-...	100	45	60	22,5	1	52	M6	22
ZLW-0630-02-...	60	31	45	13,5	3	42	M4	14

Dimensions Part No.	E	AP	LP	dp	nh	T1	T2	d	Stroke*	Mass	Price
		±0,2	-1						[mm]	[kg]	1 off 10 off
ZLW-1040-02-L-1000	60	78	40	6,4	15,5	36	27	5,0	1000	2,4	£342,00 £302,00
ZLW-1040-02-L-2000	60	78	40	6,4	15,5	36	27	5,0	2000	3,8	£396,00 £356,00
ZLW-0630-02-L-500	40	52	15	5,5	7	20	21	3,2	500	1,3	£307,00 £271,00
ZLW-0630-02-L-1000	40	52	15	5,5	7	20	21	3,2	1000	2,0	£329,50 £293,50

\*Any stroke available, please contact us.



Lifetime calculation, CAD files and much more support ► [www.igus.co.uk/en/PRT](http://www.igus.co.uk/en/PRT)

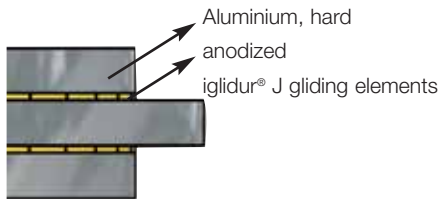
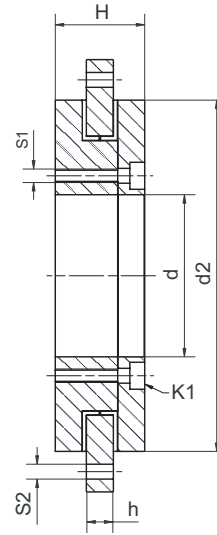
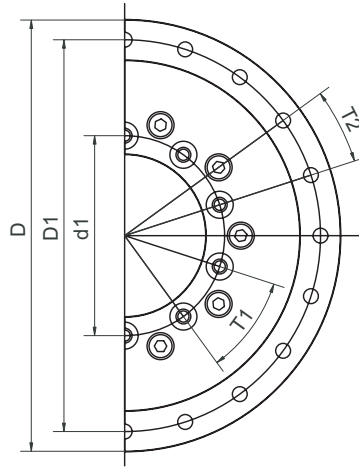
DryLin®

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Brackmills Northampton NN4 7PW

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# PRT Slewing Ring

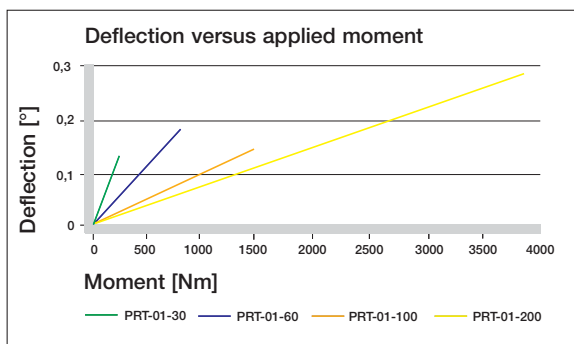


PRT

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## Dimensions [mm]

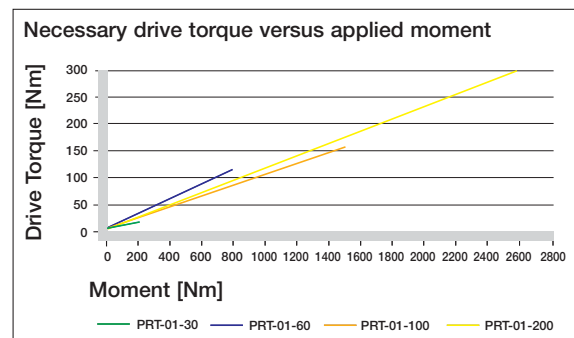
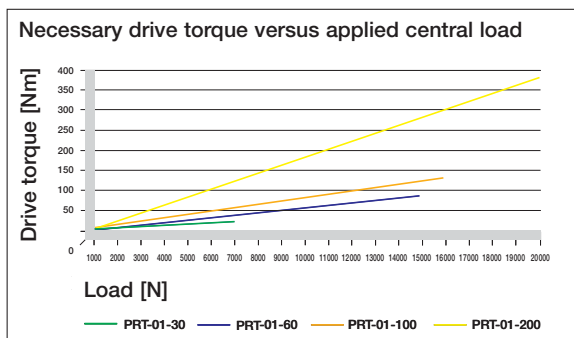
Part No.	D	D1	d1	d	d2	H	h	T1	T2	S1	S2	K1	Price			
													for Screw	1 off	10 off	25 off
PRT-01-30	100	91	42,5	30	82	29	10	8 x 45°	8 x 45°	M4	4,5	M4	£98,20	£87,80	£84,35	
PRT-01-60	160	145	74	60	130	33	10	10 x 36°	20 x 18°	M5	5,5	M5	£147,50	£136,30	£126,90	
PRT-01-100	185	170	112	100	160	34	12	12 x 30°	16 x 22,5°	M5	5,5	M5	£273,20	£248,60	£237,10	
PRT-01-150	250	235	165	150	220	35	12	12 x 30°	16 x 22,5°	M5	5,5	M5	£378,20	£353,80	£342,10	
PRT-01-200	300	285	215	200	274	38	15	12 x 30°	16 x 22,5°	M6	7,0	M6	£487,50	£459,00	£437,20	



All load values assume the PRT is assembled with socket head screws (strength class 8.8) on the outside pitch circle diameter. For the assembly of the PRT the screws have to be inserted to a minimum thread depth of 10mm.

- PRT-01-30: M4, min. 8 screws
- PRT-01-60: M5, min. 10 screws
- PRT-01-100: M5, min. 12 screws
- PRT-01-150: M5, min. 12 screws
- PRT-01-200: M6, min. 12 screws

All data can be used for both lateral and horizontal assembly.





















CF130.UL  
PVC  
7.5-10xd

# PVC Control cable

## Chainflex® CF130.UL

- for medium load requirement
- PVC outer jacket
- flame-retardant

	<b>Bend Radius, moving</b>	-5 °C to +70 °C, bending radius 7.5 x d with < 10 m travel; bending radius 10 x d with ≥ 10 m travel
	<b>Bend Radius, fixed</b>	-20 °C to +70 °C, bending radius 5 x d
	<b>V max. unsupported/gliding</b>	3 m/s, 2 m/s
	<b>a max.</b>	20 m/s²
	<b>Nominal voltage</b>	<b>Number of cores &lt;12:</b> 300/500 V <b>Number of cores &lt; 12 (0,25-0,34):</b> 300/300 V <b>Number of cores ≥ 12:</b> 300/300 V (following DIN VDE 0245)
	<b>Testing voltage</b>	2000 V (following DIN VDE 0281-2).
	<b>Flame-retardant</b>	According to IEC 332-1, CEI 20-35, FT1.
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	<b>Conductor</b>	Fine-wire stranded conductor consisting of bare copper wires (following EN 60228).
	<b>Core insulation</b>	<b>Number of cores &lt; 12:</b> mechanically high-quality PVC mixture. <b>Number of cores ≥ 12:</b> mechanically high-quality TPE mixture (following DIN VDE 0207 Part 4)
	<b>Core stranding</b>	<b>Number of cores &lt; 12:</b> cores stranded in a layer with short pitch length. <b>Number of cores ≥ 12:</b> cores combined in bundles and stranded together around a centre for high tensile stresses with adapted, short pitch lengths and pitch directions, especially low-torsion structure.
	<b>Core identification</b>	<b>Cores &lt; 0.5 mm²:</b> color code in accordance with DIN 47100 <b>Cores ≥ 0.5 mm²:</b> cores black with white numerals, one core green/yellow.
	<b>Outer jacket</b>	Low-adhesion mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: gray (similar to RAL 7001)
	<b>UL</b>	<b>Number of cores &lt; 12:</b> Style 10076 and 20200, 300 V, 60 °C
	<b>UL/CSA</b>	<b>Number of cores ≥ 12:</b> Style 10493 and 20200, 300 V, 60 °C
	<b>CEI</b>	Following CEI 20-35
	<b>CE</b>	Following 2006/95/EG
	<b>Lead free</b>	Following EU guideline (RoHS) 2002/95/EC.

Fine-wire stranded conductor

Center element for high tensile stresses

Braiding in bundles around high-tensile center cord

Gusset-filled extruded

Economy Line



**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...



## Typical application area

- for medium load requirement
- without influence of oil
- preferably indoor applications
- especially for freely suspended travel distances and for gliding applications up 50 m
- wood/stone processing, packaging industry, supply system, handling, adjusting equipment

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF130.05.04.UL	4 G 0.5	6.5	19	60	0.72
CF130.05.05.UL	5 G 0.5	7.0	24	65	0.82
CF130.05.07.UL	7 G 0.5	8.0	34	100	1.31
CF130.05.12.UL	12 G 0.5	9.5	55	116	2.09
CF130.05.18.UL	18 G 0.5	12.0	90	158	2.80
CF130.07.04.UL	4 G 0.75	7.0	29	80	0.80
CF130.07.05.UL	5 G 0.75	7.5	36	90	0.97
CF130.07.07.UL	7 G 0.75	8.5	50	130	1.43
CF130.07.12.UL	12 G 0.75	10.5	81	149	2.39
CF130.07.18.UL	18 G 0.75	13.0	121	214	3.13
CF130.10.04.UL	4 G 1.0	7.5	39	90	0.98
CF130.10.05.UL	5 G 1.0	8.0	48	110	1.21
CF130.10.07.UL	7 G 1.0	9.5	68	170	1.65
CF130.10.12.UL	12 G 1.0	11.5	108	185	2.67
CF130.10.18.UL	18 G 1.0	14.0	161	263	3.77
CF130.15.04.UL	4 G 1.5	8.0	58	120	1.22
CF130.15.05.UL	5 G 1.5	9.5	72	140	1.49
CF130.15.07.UL	7 G 1.5	10.5	101	210	2.20
CF130.15.12.UL	12 G 1.5	13.0	162	263	3.57
CF130.15.18.UL	18 G 1.5	16.5	242	386	4.96
CF130.25.04.UL	4G 2.5	9.5	96	180	2.03
CF130.25.07.UL	7 G 2.5	13.0	168	350	3.75
CF130.25.12.UL	12 G 2.5	16.0	265	406	5.65

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.

G = with earthed conductor green-yellow x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

Chainflex®

Phone 01 604 677240  
 Fax 01 604 677242



i

# 850 types from stock no cutting charge ...

















► [www.igus.co.uk/en/CF130](http://www.igus.co.uk/en/CF130)

CF140.UL  
PVC  
7.5-15xd

# PVC Control cable

## Chainflex® CF140.UL

- for medium load requirements
- PVC outer jacket
- shielded
- flame-retardant

	<b>Bend Radius, moving</b>	-5 °C to +70 °C, bending radius 7.5 x d with < 10 m travel; bending radius 15 x d with ≥ 10 m travel
	<b>Bend Radius, fixed</b>	-20 °C to +70 °C, bending radius 7.5 x d
	<b>V max. unsupported/gliding</b>	3 m/s, 2 m/s
	<b>a max.</b>	20 m/s²
	<b>Nominal voltage</b>	<b>Number of cores &lt; 12:</b> 300/500 V <b>Number of cores ≥ 12:</b> 300/300 V (following DIN VDE 0245)
	<b>Testing voltage</b>	2000 V (following DIN VDE 0281-2).
	<b>Flame-retardant</b>	According to IEC 332-1, CEI 20-35, FT1.
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	<b>Conductor</b>	Fine-wire stranded conductor consisting of bare copper wires (following EN 60228).
	<b>Core insulation</b>	<b>Number of cores &lt; 12:</b> mechanically high-quality PVC mixture. <b>Number of cores ≥ 12:</b> mechanically high-quality TPE mixture (following DIN VDE 0207 Part 4)
	<b>Core stranding</b>	<b>Number of cores &lt; 12:</b> cores stranded in a layer with short pitch length. <b>Number of cores ≥ 12:</b> cores combined in bundles and stranded together around a centre for high tensile stresses with adapted, short pitch lengths and pitch directions, especially low-torsion structure.
	<b>Core identification</b>	<b>Cores &lt; 0.5 mm²:</b> color code in accordance with DIN 47100 <b>Cores ≥ 0.5 mm²:</b> cores black with white numerals, one core green/yellow.
	<b>Inner jacket</b>	PVC mixture adapted to suit the requirements in Energy Chains®.
	<b>Overall shield</b>	Bending-resistant, tinned braided copper shield. Coverage approx. 55% linear, approx. 80% optical.
	<b>Outer jacket</b>	Low-adhesion mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: gray (similar to RAL 7001)
	<b>UL</b>	<b>Number of cores &lt; 12:</b> Style 10076 and 20200, 300 V, 60 °C

Fine-wire stranded conductor

Braiding in bundles around high-tensile center cord

Gusset-filled extruded

Bending-resistant braided copper shield

Pressure extruded

Economy Line



**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...



UL/CSA

Number of cores  $\geq$  12: Style 10493 and 20200, 300 V, 60 °C

CEI

Following CEI 20-35



CE

Following 2006/95/EG



Lead free

Following EU guideline (RoHS) 2002/95/EC

## Typical application area

- for medium load requirements
- without influence of oil
- preferably indoor applications
- especially for freely suspended travel distances and for gliding applications up 50 m
- wood/stone processing, packaging industry, supply system, handling, adjusting equipment

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF140.07.04.UL	(4 G 0.75)C	9.0	52	130	2.01
CF140.07.05.UL	(5 G 0.75)C	9.0	59	150	2.17
CF140.07.07.UL	(7 G 0.75)C	10.5	78	170	2.73
CF140.07.12.UL	(12 G 0.75)C	12.5	112	220	4.02
CF140.07.18.UL	(18 G 0.75)C	15.0	178	289	5.56
CF140.10.04.UL	(4 G 1.0)C	9.5	61	150	2.12
CF140.10.05.UL	(5 G 1.0)C	10.0	75	170	2.42
CF140.10.07.UL	(7 G 1.0)C	11.5	99	200	3.01
CF140.10.12.UL	(12 G 1.0)C	13.0	159	243	4.59
CF140.10.18.UL	(18 G 1.0)C	16.5	227	407	6.50
CF140.15.04.UL	(4 G 1.5)C	10.0	85	180	2.37
CF140.15.05.UL	(5 G 1.5)C	11.0	104	220	2.99
CF140.15.07.UL	(7 G 1.5)C	12.5	137	260	3.72
CF140.15.12.UL	(12 G 1.5)C	13.0	159	243	5.52
CF140.15.18.UL	(18 G 1.5)C	16.5	227	407	7.52
CF140.25.04.UL	(4 G 2.5)C	12.0	174	250	3.68

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
 G = with earthed conductor green-yellow    x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

Chainflex®

 Phone 01 604 677240  
 Fax 01 604 677242


# 850 types from stock no cutting charge ...




















► [www.igus.co.uk/en/CF140](http://www.igus.co.uk/en/CF140)

CF5  
PVC  
6.8-7.5xd

# PVC Control cable

## Chainflex® CF5

- for high load requirements
- PVC outer jacket
- oil-resistant
- flame-retardant

	Bend Radius, moving	-5 °C to +70 °C, bending radius 6.8 x d with < 10 m travel; bending radius 7.5 x d with ≥ 10 m travel
	Bend Radius, fixed	-20 °C to +70 °C, bending radius 4 x d
	V max. unsupported/gliding	10 m/s, 5 m/s
	a max.	80 m/s <sup>2</sup>
	UV-resistant	Medium
	Nominal voltage	300/500 V (following DIN VDE 0245).
	Testing voltage	2000 V (following DIN VDE 0281-2).
	Oil	Oil-proof (following DIN EN 60811-2-1, DIN EN 50363-4-1).
	Flame-retardant	According to IEC 332-1, CEI 20-35, FT1.
	Silicon-free	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	Conductor	Fine-wire stranded conductor consisting of bare copper wires (following EN 60228).
	Core insulation	Mechanically high-quality PVC mixture (following DIN VDE 0207 Part 4).
	Core stranding	<b>Number of cores &lt; 12:</b> cores stranded in a layer with short pitch length. <b>Number of cores ≥ 12:</b> cores combined in bundles and stranded together around a centre for high tensile stresses with adapted, short pitch lengths and pitch directions, especially low-torsion structure.
	Core identification	<b>Cores &lt; 0.5 mm<sup>2</sup>:</b> color code in accordance with DIN 47100 <b>Cores ≥ 0.5 mm<sup>2</sup>:</b> cores black with white numerals, one core green/yellow.
	Outer jacket	Low-adhesion, oil-resistant mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: green (similar to RAL 6005)
	UL/CSA	≤ 1.5 mm <sup>2</sup> : Style 1007 and 2464, 300 V, 80 °C ≥ 2.5 mm <sup>2</sup> : Style 1011 and 2570, 600 V, 80 °C
	CEI	Following CEI 20-35
	CE	Following 2006/95/EG
	Lead free	Following EU guideline (RoHS) 2002/95/EC

Especially bending-resistant fine-wire stranded conductor

Center element for high tensile stresses

Braiding in bundles around high-tensile center cord

Pressure extruded, oil-resistant PVC blend

High Class Line



... no minimum order quantity  
Information, PDF catalogues, lifetime ...



Clean room

According to ISO Class 2, material/cable tested by IPA according to ISO standard 14644-1

## Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- especially for freely suspended and gliding travel distances up to 100 m
- storage and retrieval units for high-bay warehouses, machining units/packaging machines, quick handling, indoor cranes

### Delivery program

Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF5.05.05	5 G 0.5	7.0	24	72	1.65
CF5.05.07	7 G 0.5	8.0	34	77	1.78
CF5.05.12	12 G 0.5	11.5	58	158	2.79
CF5.05.18	18 G 0.5	13.5	86	230	3.97
CF5.07.04	4 G 0.75	7.0	29	72	1.01
CF5.07.05	5 G 0.75	8.0	36	85	1.26
CF5.07.07	7 G 0.75	9.0	50	108	2.03
CF5.07.12	12 G 0.75	12.0	86	240	3.28
CF5.07.18	18 G 0.75	15.5	130	322	4.19
CF5.10.04	4 G 1.0	8.0	39	85	1.22
CF5.10.05	5 G 1.0	8.5	48	100	1.66
CF5.10.07	7 G 1.0	10.0	68	145	2.31
CF5.10.12	12 G 1.0	13.5	116	260	3.72
CF5.10.18	18 G 1.0	17.5	173	450	4.71
CF5.15.04	4 G 1.5	8.0	58	120	1.56
CF5.15.05	5 G 1.5	10.0	72	170	1.93
CF5.15.07	7 G 1.5	11.0	101	220	3.07
CF5.15.12	12 G 1.5	16.0	173	320	4.72
CF5.15.18	18 G 1.5	22.0	260	550	6.53
CF5.25.04	4 G 2.5	11.0	96	200	2.47
CF5.25.05	5 G 2.5	12.0	120	250	3.00
CF5.25.07	7 G 2.5	15.0	168	340	4.94
CF5.25.18	18 G 2.5	27.5	432	970	11.36

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
 G = with earthed conductor green-yellow x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

Chainflex®

 Phone 01 604 677240  
 Fax 01 604 677242


# 850 types from stock no cutting charge ...




















► [www.igus.co.uk/en/CF5](http://www.igus.co.uk/en/CF5)

CF6  
PVC  
6.8-7.5xd

# PVC Control cable

## Chainflex® CF6

- for high load requirements
- PVC outer jacket
- shielded
- oil-resistant
- flame-retardant

	<b>Bend Radius, moving</b>	-5 °C to +70 °C, bending radius 6.8 x d with < 10 m travel; bending radius 7.5 x d with ≥ 10 m travel
	<b>Bend Radius, fixed</b>	-20 °C to +70 °C, bending radius 4 x d
	<b>V max. unsupported/gliding</b>	10 m/s, 5 m/s
	<b>a max.</b>	80 m/s²
	<b>UV-resistant</b>	Medium
	<b>Nominal voltage</b>	300/500 V (following DIN VDE 0245).
	<b>Testing voltage</b>	2000 V (following DIN VDE 0281-2).
	<b>Oil</b>	Oil-proof (following DIN EN 60811-2-1, DIN EN 50363-4-1).
	<b>Flame-retardant</b>	According to IEC 332-1, CEI 20-35, FT1.
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	<b>Conductor</b>	Fine-wire stranded conductor consisting of bare copper wires (following EN 60228).
	<b>Core insulation</b>	Mechanically high-quality PVC mixture (following DIN VDE 0207 Part 4).
	<b>Core stranding</b>	<b>Number of cores &lt; 12:</b> cores stranded in a layer with short pitch length. <b>Number of cores ≥ 12:</b> cores combined in bundles and stranded together around a centre for high tensile stresses with adapted, short pitch lengths and pitch directions, especially low-torsion structure.
	<b>Core identification</b>	<b>Cores &lt; 0.5 mm²:</b> color code in accordance with DIN 47100 <b>Cores ≥ 0.5 mm²:</b> cores black with white numerals, one core green/yellow.
	<b>Inner jacket</b>	PVC mixture adapted to suit the requirements in Energy Chains®.
	<b>Overall shield</b>	Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.
	<b>Outer jacket</b>	Low-adhesion, oil-resistant mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: green (similar to RAL 6005)
	<b>UL/CSA</b>	≤ 1.5 mm²: Style 1007 and 2464, 300 V, 80 °C ≥ 2.5 mm²: Style 1011 and 2570, 600 V, 80 °C
	<b>CEI</b>	Following CEI 20-35

Especially bending-resistant fine-wire stranded conductor

Center element for high tensile stresses

Braiding in bundles around high-tensile center cord

Gusset-filled extruded

Highly flexible braided copper shield

Pressure extruded, oil-resistant PVC blend

High Class Line



**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...



CE

Following 2006/95/EG



Lead free

Following EU guideline (RoHS) 2002/95/EC



Clean room

According to ISO Class 2. Outer sheath material complies with CF5.10.07, tested by IPA according to standard 14644-1

Chainflex®

## Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- especially for freely suspended and gliding travel distances up to 100 m
- storage and retrieval units for high-bay warehouses, machining units/package machines, quick handling, indoor cranes

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF6.05.05	(5 G 0.5)C	9.0	48	114	2.86
CF6.05.07	(7 G 0.5)C	10.5	63	142	3.65
CF6.05.12	(12 G 0.5)C	13.0	93	206	5.58
CF6.05.18	(18 G 0.5)C	15.0	120	276	7.03
CF6.07.04	(4 G 0.75)C	9.0	54	120	2.71
CF6.07.05	(5 G 0.75)C	10.0	73	150	3.19
CF6.07.07	(7 G 0.75)C	12.0	93	190	4.18
CF6.07.12	(12 G 0.75)C	14.0	138	264	6.10
CF6.07.18	(18 G 0.75)C	17.5	204	410	7.98
CF6.10.04	(4 G 1.0)C	9.0	75	115	3.06
CF6.10.05	(5 G 1.0)C	11.0	87	170	3.50
CF6.10.07	(7 G 1.0)C	13.0	113	217	4.65
CF6.10.12	(12 G 1.0)C	15.0	171	313	7.08
CF6.10.18	(18 G 1.0)C	19.0	261	470	9.88
CF6.15.04	(4 G 1.5)C	10.0	85	170	3.71
CF6.15.05	(5 G 1.5)C	11.0	106	190	4.08
CF6.15.07	(7 G 1.5)C	14.0	153	270	5.72
CF6.15.12	(12 G 1.5)C	18.0	232	411	8.51
CF6.15.18	(18 G 1.5)C	22.0	367	637	11.65
CF6.25.04	(4 G 2.5)C	12.5	135	275	5.22

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
G = with earthed conductor green-yellow x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

 Phone 01604 677240  
 Fax 01604 677242


# 850 types from stock no cutting charge ...


















► [www.igus.co.uk/en/CF6](http://www.igus.co.uk/en/CF6)

CF9  
TPE  
5 x d

# TPE Control cable


## Chainflex® CF9

- for maximum load requirements
- TPE outer jacket
- oil-resistant and bio-oil-resistant
- PVC-free/halogen-free
- low-temperature-flexible

	Bend Radius, moving	-35 °C to +100 °C, bending radius 5 x d
	Bend Radius, fixed	-40 °C to +100 °C, bending radius 3 x d
	V max. unsupported/gliding	10 m/s, 6 m/s
	a max.	100 m/s <sup>2</sup>
	UV-resistant	High
	Nominal voltage	300/500 V (following DIN VDE 0245).
	Testing voltage	2000 V (following DIN VDE 0281-2).
	Oil	Oil-resistant (following EN 60811-2-1), bio-oil-resistant (following VDMA 24568).
	Silicon-free	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	Halogen-free	Following EN 50267-2-1.
	Conductor	Fine-wire stranded conductor in especially bending-resistant version consisting of bare copper wires (following EN 60228).
	Core insulation	Mechanically high-quality TPE mixture.
	Core stranding	<b>Number of cores &lt; 12:</b> cores stranded in a layer with short pitch length. <b>Number of cores ≥ 12:</b> cores combined in bundles and stranded together around a centre for high tensile stresses with adapted, short pitch lengths and pitch directions, especially low-torsion structure.
	Core identification	<b>Cores &lt; 0.75 mm<sup>2</sup>:</b> color code in accordance with DIN 47100 <b>Cores ≥ 0.75 mm<sup>2</sup>:</b> cores black with white numerals, one core green/yellow. <b>CF9.02.03.INI:</b> brown, blue, black <b>CF9.03.04.INI:</b> brown, blue, black, white <b>CF9.03.05.INI:</b> brown, blue, black, white, green-yellow
	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in Energy Chains®. Colour: dark-blue (similar to RAL 5011)
	CE	Following 2006/95/EG
	Lead free	Following EU guideline (RoHS) 2002/95/EC.

 Highly flexible special conductor

 Center element for high tensile stresses

 Braiding in bundles around high-tensile center cord

 Gusset-filled extruded, halogen-free TPE mixture

Premium Line



**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...



Clean room

According to ISO Class 1, material/cable tested by IPA according to ISO standard 14644-1

## Typical application area

- for maximum load requirements
- almost unlimited resistance to oil, also with bio-oils
- indoor and outdoor applications, UV-resistant
- especially for freely suspended and gliding travel distances up to 400 m and more
- storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, clean room, semiconductor insertion, ship to shore, outdoor cranes, low-temperature applications

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price €/m
CF9.02.02	2 x 0.25	4.0	5	18	1.19
CF9.02.03.INI	3 x 0.25	4.5	8	20	1.77
CF9.02.07	7 x 0.25	6.0	17	42	2.59
CF9.02.12	12 x 0.25	8.0	29	70	4.36
CF9.03.04.INI	4 x 0.34	5.0	13	31	2.11
CF9.03.05.INI	5 x 0.34	5.5	17	37	2.74
CF9.05.04	4 x 0.5	5.5	20	36	2.14
CF9.05.05	5 x 0.5	6.0	24	46	2.62
CF9.05.07	7 x 0.5	7.0	34	78	3.24
CF9.05.12	12 x 0.5	9.5	58	105	6.87
CF9.05.18	18 x 0.5	12.5	86	165	11.12
CF9.07.05	5 G 0.75	6.5	36	58	3.24
CF9.07.07	7 G 0.75	7.0	50	76	3.51
CF9.07.12	12 G 0.75	11.0	86	142	8.45
CF9.07.20	20 G 0.75	13.0	144	231	10.67
CF9.10.04	4 G 1.0	6.5	38	56	2.70
CF9.10.05	5 G 1.0	7.0	48	70	3.51
CF9.10.12	12 G 1.0	11.5	115	181	10.70
CF9.10.18	18 G 1.0	14.0	173	267	13.17
CF9.15.04	4 G 1.5	7.5	58	86	3.40
CF9.15.05	5 G 1.5	8.0	72	110	3.82
CF9.15.07	7 G 1.5	9.5	101	140	7.14
CF9.15.12	12 G 1.5	14.0	173	265	11.90
CF9.15.18	18 G 1.5	17.0	260	400	14.63
CF9.25.04	4 G 2.5	9.0	96	128	5.41
CF9.25.05	5 G 2.5	10.0	120	174	6.00
CF9.25.07	7 G 2.5	12.0	168	301	9.12
CF9.25.12	12 G 2.5	17.0	288	468	17.86
CF9.25.18*	18 G 2.5	24.0	432	827	32.79
CF9.40.04	4 G 4.0	10.0	154	195	8.71
CF9.60.04	4 G 6.0	12.5	230	310	11.87

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.

\* Nominal voltage 600/1000 V

G = with earthed conductor green-yellow x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

# 850 types from stock no cutting charge ...

► [www.igus.co.uk/en/CF9](http://www.igus.co.uk/en/CF9)

Chainflex®

 Phone 01 604 677240  
 Fax 01 604 677242


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CF10  
TPE  
5 x d

# TPE Control cable

## Chainflex® CF10

- for maximum load requirements
- TPE outer jacket
- shielded
- oil-resistant and bio-oil-resistant
- PVC-free/halogen-free
- low-temperature-flexible



Highly flexible special conductor



Center element for high tensile stresses



Braiding in bundles around high-tensile center cord










Gusset-filling, pressure extruded






Highly flexible braided copper shield




Pressure extruded, halogen-free TPE blend


	Bend Radius, moving	-35 °C to +100 °C, bending radius 5 x d
	Bend Radius, fixed	-40 °C to +100 °C, bending radius 3 x d
	V max. unsupported/gliding	10 m/s, 5 m/s
	a max.	100 m/s <sup>2</sup>
	UV-resistant	High
	Nominal voltage	300/500 V (following DIN VDE 0245).
	Testing voltage	2000 V (following DIN VDE 0281-2).

	Oil	Oil-resistant (following EN 60811-2-1), bio-oil-resistant (following VDMA 24568).
	Silicon-free	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).

 **Halogen-free** Following EN 50267-2-1.

 **Conductor** Fine-wire stranded conductor in especially bending-resistant version consisting of bare copper wires (following EN 60228).


 **Core insulation** Mechanically high-quality TPE mixture.


 **Core stranding** **Number of cores < 12:** cores stranded in a layer with short pitch length.

**Number of cores ≥ 12:** cores combined in bundles and stranded together around a centre for high tensile stresses with adapted, short pitch lengths and pitch directions, especially low-torsion structure.

 **Core identification** **Cores < 0.75 mm<sup>2</sup>:** color code in accordance with DIN 47100  
**Cores ≥ 0.75 mm<sup>2</sup>:** cores black with white numerals, one core green/yellow.

 **Inner jacket** TPE mixture adapted to suit the requirements in Energy Chains®.

 **Overall shield** Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.

 **Outer jacket** Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in Energy Chains®. Colour: dark-blue (similar to RAL 5011)

 CE Following 2006/95/EG

**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...



Lead free

Following EU guideline (RoHS) 2002/95/EC.



Clean room

According to ISO Class 1. Outer sheath material complies with CF9.15.07, tested by IPA according to standard 14644-1

## Typical application area

- for maximum load requirements
- almost unlimited resistance to oil, also with bio-oils
- indoor and outdoor applications, UV-resistant
- especially for freely suspended and gliding travel distances up to 400 m and more
- storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, clean room, semiconductor insertion, ship to shore, outdoor cranes, low-temperature applications

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF10.02.04	(4 x 0.25)C	6.5	25	52	3.26
CF10.02.12	(12 x 0.25)C	9.5	64	118	8.93
CF10.05.04	(4 x 0.5)C	7.0	38	68	3.59
CF10.05.05	(5 x 0.5)C	7.5	55	91	4.03
CF10.05.12	(12 x 0.5)C	11.5	102	192	8.62
CF10.05.18	(18 x 0.5)C	13.5	143	270	11.79
CF10.07.04	(4 G 0.75)C	7.5	47	86	4.45
CF10.07.05	(5 G 0.75)C	7.5	57	95	4.71
CF10.07.07	(7 G 0.75)C	9.0	85	137	5.46
CF10.07.12	(12 G 0.75)C	12.5	138	244	11.72
CF10.10.04	(4 G 1.0)C	8.0	59	100	4.54
CF10.10.05	(5 G 1.0)C	8.5	71	101	5.68
CF10.10.07	(7 G 1.0)C	10.0	105	166	8.88
CF10.10.12	(12 G 1.0)C	13.5	169	293	12.11
CF10.10.18	(18 G 1.0)C	16.5	240	407	17.29
CF10.15.04	(4 G 1.5)C	9.0	96	144	8.53
CF10.15.07	(7 G 1.5)C	11.5	155	225	11.64
CF10.15.12	(12 G 1.5)C	15.5	235	387	15.54
CF10.15.18	(18 G 1.5)C	20.0	361	585	21.47
CF10.25.04	(4 G 2.5)C	11.0	126	180	9.22
CF10.25.07	(7 G 2.5)C	13.5	221	331	16.66
CF10.25.12	(12 G 2.5)C	19.0	373	624	21.66
CF10.40.04	(4 G 4.0)C	11.5	200	290	11.12

**Note:** The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
 G = with earthed conductor green-yellow    x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

Chainflex®

 Phone 01604 677240  
 Fax 01604 677242


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# 850 types from stock no cutting charge ...

► [www.igus.co.uk/en/CF10](http://www.igus.co.uk/en/CF10)

CF240  
PVC  
10-12 x d

# PVC Data cable

## Chainflex® CF240


- for high load requirements
- PVC outer jacket
- shielded
- oil-resistant
- flame-retardant



Fine-wire special conductor






















Braiding in layers with extremely short pitch



Highly flexible braided copper shield



Pressure extruded

	<b>Bend Radius, moving</b>	-5 °C to +70 °C, bending radius 10 x d with < 10 m travel; bending radius 12 x d with ≥ 10 m travel
	<b>Bend Radius, fixed</b>	-20 °C to +70 °C, bending radius 5 x d
	<b>V max.</b>	
	<b>unsupported/gliding</b>	3 m/s, 2 m/s
	<b>a max.</b>	20 m/s <sup>2</sup>
	<b>Nominal voltage</b>	300/300 V (following DIN VDE 0245).
	<b>Testing voltage</b>	1500 V
	<b>Oil</b>	Oil-proof (following DIN EN 60811-2-1, DIN EN 50363-4-1).
	<b>Flame-retardant</b>	According to IEC 332-1, CEI 20-35, FT1.
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	<b>Conductor</b>	Very finely stranded special cores of particularly high-flex design made of bare copper wires.
	<b>Core insulation</b>	Mechanically high-quality PVC mixture (following DIN VDE 0207 Part 4).
	<b>Core stranding</b>	The individual cores are stranded in layers with short pitch lengths.
	<b>Core identification</b>	Color code in accordance with DIN 47100.
	<b>Intermediate sheath</b>	Foil taping over the external layer.
	<b>Overall shield</b>	Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.
	<b>Outer jacket</b>	Low-adhesion, oil-resistant mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: gray (similar to RAL 7001)
	<b>UL/CSA</b>	Style 10467 and 2464, 300 V, 80 °C
	<b>CEI</b>	Following CEI 20-35

Economy Line



**... no minimum order quantity**  
Information, PDF catalogs, lifetime ...



CE

Following 2006/95/EG



Lead free

Following EU guideline (RoHS) 2002/95/EC



Clean room

According to ISO Class 2. Outer sheath material complies with CF5.10.07, tested by IPA according to standard 14644-1

Chainflex®

## Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- especially for freely suspended and gliding travel distances up to 50 m
- storage and retrieval units for high-bay warehouses, machining units/package machines, handling, indoor cranes

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF240.01.03	(3 x 0.14)C	4.5	16	35	1.64
CF240.01.04	(4 x 0.14)C	5.0	18	38	1.81
CF240.01.05	(5 x 0.14)C	5.5	20	42	1.93
CF240.01.07	(7 x 0.14)C	6.0	25	51	2.26
CF240.01.14	(14 x 0.14)C	7.0	42	76	3.25
CF240.01.18	(18 x 0.14)C	8.0	48	90	3.70
CF240.01.24	(24 x 0.14)C	9.5	60	113	4.24
CF240.02.03	(3 x 0.25)C	5.5	21	40	1.79
CF240.02.04	(4 x 0.25)C	5.5	24	48	1.98
CF240.02.05	(5 x 0.25)C	6.0	27	52	2.08
CF240.02.07	(7 x 0.25)C	7.0	35	66	2.47
CF240.02.14	(14 x 0.25)C	8.0	57	100	3.58
CF240.02.18	(18 x 0.25)C	9.0	71	122	4.09
CF240.02.24	(24 x 0.25)C	11.0	92	174	4.86

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.

G = with earthed conductor green-yellow    x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

Phone 01 604 677240  
Fax 01 604 677242



# 850 types from stock no cutting charge ...

► [www.igus.co.uk/en/CF240](http://www.igus.co.uk/en/CF240)

CF211  
PVC  
10 x d

# PVC Data cable

## Chainflex® CF211

- for high load requirements
- PVC outer jacket
- shielded
- oil-resistant
- flame-retardant



Center element  
for high tensile  
stresses



Fine-wire special  
conductor





















2 cores each  
stranded with  
short pitch



Highly flexible  
braided copper  
shield



Pressure extruded

	<b>Bend Radius, moving</b>	-5 °C to +70 °C, bending radius 10 x d
	<b>Bend Radius, fixed</b>	-20 °C to +70 °C, bending radius 5 x d
	<b>V max.</b>	
	<b>unsupported/gliding</b>	5 m/s, 3 m/s
	<b>a max.</b>	50 m/s <sup>2</sup>
	<b>Nominal voltage</b>	300/300 V (following DIN VDE 0245).
	<b>Testing voltage</b>	1500 V
	<b>Oil</b>	Oil-resistant (following DIN EN 60811-2-1, DIN EN 50363-4-1)
	<b>Flame-retardant</b>	According to IEC 332-1, CEI 20-35, FT1.
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	<b>Conductor</b>	Very finely stranded special cores of particularly high-flex design made of bare copper wires.
	<b>Core insulation</b>	Mechanically high-quality PVC mixture (following DIN VDE 0207 Part 4).
	<b>Core stranding</b>	2 cores each stranded in pairs with short pitch lengths, core pairs also stranded with short pitch lengths.
	<b>Core identification</b>	Color code in accordance with DIN 47100.
	<b>Intermediate sheath</b>	Foil taping over the external layer.
	<b>Overall shield</b>	Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.
	<b>Outer jacket</b>	Low-adhesion, oil-resistant mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: gray (similar to RAL 7001)
	<b>UL/CSA</b>	≤ 0.5 mm <sup>2</sup> : Style 10467 and 2464, 300 V, 80 °C ≥ 0.5 mm <sup>2</sup> : Style 1729 and 2464, 300 V, 80 °C

**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...

Economy Line





CEI

Following CEI 20-35



CE

Following 2006/95/EG



Lead free

Following EU guideline (RoHS) 2002/95/EC



Clean room

According to ISO Class 2. Outer sheath material complies with CF5.10.07, tested by IPA according to standard 14644-1

Chainflex®

## Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- especially for freely suspended and gliding travel distances up to 100 m
- storage and retrieval units for high-bay warehouses, machining units/packaging machines, handling, indoor cranes

Delivery program Data cable Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF211.02.01.02	(1 x 2 x 0.25)C	5.0	16	35	2.06
CF211.02.02.02*	(2 x 2 x 0.25)C	7.0	28	60	3.49
CF211.02.03.02	(3 x 2 x 0.25)C	7.0	37	73	4.91
CF211.02.04.02	(4 x 2 x 0.25)C	8.0	44	85	6.17
CF211.02.05.02	(5 x 2 x 0.25)C	8.5	51	97	7.08
CF211.02.06.02	(6 x 2 x 0.25)C	9.5	58	110	8.11
CF211.02.08.02	(8 x 2 x 0.25)C	11.5	75	160	9.96
CF211.02.10.02	(10 x 2 x 0.25)C	13.0	93	195	11.25
CF211.02.14.02	(14 x 2 x 0.25)C	13.5	109	205	14.15
CF211.05.01.02	(1 x 2 x 0.5)C	5.5	23	50	2.31
CF211.05.02.02*	(2 x 2 x 0.5)C	8.5	44	80	4.06
CF211.05.03.02	(3 x 2 x 0.5)C	9.0	57	100	5.18
CF211.05.04.02	(4 x 2 x 0.5)C	9.5	68	120	7.18
CF211.05.05.02	(5 x 2 x 0.5)C	11.0	80	145	8.32
CF211.05.06.02	(6 x 2 x 0.5)C	12.5	99	185	9.67
CF211.05.08.02	(8 x 2 x 0.5)C	14.5	124	230	11.75
CF211.05.10.02	(10 x 2 x 0.5)C	16.0	175	320	13.48
CF211.05.14.02	(14 x 2 x 0.5)C	17.0	187	335	15.61

The Chainflex® types marked with \* are cables designed as a star-quad.

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.

G = with earthed conductor green-yellow x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

 Phone 01604 677240  
 Fax 01604 677242


# 850 types from stock no cutting charge ...

► [www.igus.co.uk/en/CF211](http://www.igus.co.uk/en/CF211)

CFBUS  
TPE  
10-12.5 x d


# TPE Bus cable

## Chainflex® CFBUS

- for maximum load requirement
- TPE outer jacket
- shielded
- oil-resistant
- bio-oil-resistant
- flame-retardant




Especially bending-resistant fine-wire stranded conductor



Cores each stranded in especially short pitch




Gusset-filled extruded



Highly flexible braided copper shield



Pressure extruded, flame-retardant TPE blend



Bend Radius, moving

-35 °C to +70 °C, bending radius 10-12.5 x d



Bend Radius, fixed

-40 °C to +70 °C, bending radius 5 x d



V max.

unsupported/gliding 10 m/s, 6 m/s



a max.

100 m/s<sup>2</sup>



UV-resistant

Medium



Nominal voltage

30 V



Testing voltage

500 V



Oil

Oil-resistant (following EN 60811-2-1), bio-oil-resistant (following VDMA 24568).



Flame-retardant

According to IEC 332-1, CEI 20-35, FT1.



Silicon-free

Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).




Conductor

Fine-wire stranded conductor in especially bending-resistant version consisting of bare copper wires (following EN 60228).




Core insulation

Following bus specification.



Core stranding

Following bus specification.



Core identification

Following bus specification ► Schedule delivery program



Inner jacket

TPE mixture adapted to suit the requirements in Energy Chains®.



Overall shield

Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.



Outer jacket

Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in Energy Chains®. Colour: violet (similar to RAL 4001)



UL/CSA

Style 1589 and 21371, 30 V, 80 °C

Premium Line



IGUS CHAINFLEX® CFBUS.001

**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...


**CEI** Following CEI 20-35

**CE** Following 2006/95/EG

**DESINA** According to VDW, DESINA standardisation

**Lead free** Following EU guideline (RoHS) 2002/95/EC.

**Clean room** According to ISO Class 1. Outer sheath material complies with CF34.25.04, tested by IPA according to standard 14644-1

Chainflex®

## Typical application area

- for maximum load requirements
- almost unlimited resistance to oil, also with bio-oils
- indoor and outdoor applications without direct sun radiation
- especially for freely suspended and gliding travel distances up to 400 m
- bus connection cable for storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, clean room, semiconductor insertion, indoor cranes, low-temperature applications

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
<b>Profibus (bending radius 10 x d)</b>					
CFBUS.001	(2x0.25)C	8.5	23	70	5.37
<b>Interbus (bending radius 10 x d)</b>					
CFBUS.010	(3x(2x0.25))C	8.5	42	83	7.29
<b>CAN-BUS/Fieldbus (bending radius 10 x d)</b>					
CFBUS.020	(2x(2x0.25))C	8.5	33	66	4.25
CFBUS.022	(2x(2x0.5))C	8.5	45	83	5.78
<b>DeviceNet (bending radius 10 x d)</b>					
CFBUS.030 Drop	(1x2xAWG24+1x2xAWG22)C	7.5	33	65	8.46
CFBUS.031 Trunk	(1x2xAWG18+1x2xAWG15)C	11.5	96	110	13.92
<b>Ethernet/CAT5 (bending radius 12.5 x d)</b>					
CFBUS.044	(4x(2x0.15))C	8.0	35	79	8.56
<b>Ethernet/CAT6 (bending radius 12.5 x d)</b>					
CFBUS.050	(4x(2x0.14))C	10.0	77	131	29.84
<b>FireWire (bending radius 12.5 x d)</b>					
CFBUS.055	2x(2x0.15)C+2x(0.34)C	7.5	42	118	38.61

Other types available on request.

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
 G = with earthed conductor green-yellow x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

 Phone 01 604 677240  
 Fax 01 604 677242


# 850 types from stock no cutting charge ...


















► [www.igus.co.uk/en/CFBUS](http://www.igus.co.uk/en/CFBUS)

CF21.UL  
PVC  
7.5 x d


# PVC Servo cable

## Chainflex® CF21.UL

- for high load requirements
- PVC outer jacket
- shielded
- oil-resistant
- flame-retardant

	<b>Bend Radius, moving</b>	-5 °C to +70 °C, bending radius 7.5 x d
	<b>Bend Radius, fixed</b>	-20 °C to +70 °C, bending radius 4 x d
	<b>V max. unsupported/gliding</b>	10 m/s, 5 m/s
	<b>a max.</b>	80 m/s <sup>2</sup>
	<b>UV-resistant</b>	Medium
	<b>Nominal voltage</b>	600/1000 V (following DIN VDE 0250).
	<b>Testing voltage</b>	4000 V (following DIN VDE 0281-2).
	<b>Oil</b>	Oil-resistant (following DIN EN 60811-2-1, DIN EN 50363-4-1)
	<b>Flame-retardant</b>	According to IEC 332-1, CEI 20-35, FT1.
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	<b>Conductor</b>	Fine-wire stranded conductor in especially bending-resistant version consisting of bare copper wires (following EN 60228).
	<b>Core insulation</b>	Mechanically high-quality, especially low-capacitance TPE mixture.
	<b>Core stranding</b>	Energy conductor with signal pair elements stranded around high-tensile center cord.
	<b>Core identification</b>	<b>Energy conductor:</b> cores black with white numerals, one core green/yellow. 1. core: U / L1 / C / L+                      2. core: V / L2 3. core: W / L3 / D / L-
	<b>1 control pair:</b> cores black with white numerals.	
	1. control pair: 4                                  2. control pair: 5	
	<b>2 control pairs:</b> cores black with white numerals.	
	1. control pair: 5                                  2. control pair: 6	
	3. control pair: 7                                  4. control pair: 8	
	<b>Element shield</b>	Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.
	<b>Inner jacket</b>	PVC mixture adapted to suit the requirements in Energy Chains®.
	<b>Overall shield</b>	Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.

 Highly flexible special conductor

 Energy conductor with signal pair elements stranded around high-tensile center cord

 Extremely highly flexible braided-pair copper shield

 Gusset-filling, pressure extruded

 Highly flexible braided copper shield

 Pressure extruded, oil-resistant PVC blend

High Class Line



**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...

**Outer jacket**

Low-adhesion, oil-resistant mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: green (similar to RAL 6005)

**UL/CSA**

Style 10492 and 2570, 1000 V, 80 °C

**CEI**

Following CEI 20-35

**CE**

Following 2006/95/EG

**Lead free**

Following EU guideline (RoHS) 2002/95/EC

**Clean room**

According to ISO Class 1. Outer sheath material complies with CF34.25.04, tested by IPA according to standard 14644-1

Chainflex®

## Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- especially for freely suspended and gliding travel distances up to 100 m
- storage and retrieval units for high-bay warehouses, machining units/packaging machines, quick handling, indoor cranes

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
<b>1 control pair shielded</b>					
CF21.15.10.02.01.UL	(4 G 1.5+(2x1.0)C)C	12.5	125	250	9.09
CF21.25.10.02.01.UL	(4 G 2.5+(2x1.0)C)C	13.5	177	300	10.24
CF21.40.10.02.01.UL	(4 G 4.0+(2x1.0)C)C	15.5	232	372	12.42
CF21.40.15.02.01.UL	(4 G 4.0+(2x1.5)C)C	16.0	241	390	13.45
CF21.160.10.02.01.UL	(4 G 16+(2x1.0)C)C	24.5	700	1050	28.35
<b>2 control pairs shielded</b>					
CF21.15.07.02.02.UL	(4 G 1.5+2x(2x0.75)C)C	14.5	175	310	10.49
CF21.25.15.02.02.UL	(4 G 2.5+2x(2x1.5)C)C	17.5	265	370	12.65
CF21.40.15.02.02.UL	(4 G 4.0+2x(2x1.5)C)C	18.5	304	435	15.46
CF21.60.15.02.02.UL	(4 G 6.0+2x(2x1.5)C)C	20.5	397	697	18.44
CF21.100.15.02.02.UL	(4 G 10+2x(2x1.5)C)C	24.0	560	1025	25.66
CF21.160.15.02.02.UL	(4 G 16+2x(2x1.5)C)C	27.0	790	1270	33.60

**Note:** The mentioned external diameters are maximum values and may tend toward lower tolerance limits.

G = with earthed conductor green-yellow    x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

 Phone 01604 677240  
 Fax 01604 677242


# 850 types from stock no cutting charge ...
















► [www.igus.co.uk/en/CF21](http://www.igus.co.uk/en/CF21)


CF30  
PVC  
7.5 x d


# PVC Power cable

## Chainflex® CF30

- for high load requirement
- PVC outer jacket
- oil-resistant
- flame-retardant

	<b>Bend Radius, moving</b>	-5 °C to +70 °C, bending radius 7.5 x d
	<b>Bend Radius, fixed</b>	-20 °C to +70 °C, bending radius 4 x d
	<b>V max.</b>	10 m/s, 5 m/s
	<b>a max.</b>	80 m/s <sup>2</sup>
	<b>UV-resistant</b>	Medium
	<b>Nominal voltage</b>	600/1000 V (following DIN VDE 0250).
	<b>Testing voltage</b>	4000 V (following DIN VDE 0281-2).
	<b>Oil</b>	Oil-resistant (following DIN EN 60811-2-1, DIN EN 50363-4-1)
	<b>Flame-retardant</b>	According to IEC 332-1, CEI 20-35, FT1.
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).
	<b>Conductor</b>	<b>&lt; 10 mm<sup>2</sup>:</b> Fine-wire stranded conductor in especially bending-resistant version consisting of bare copper wires (following EN 60228). <b>≥ 10 mm<sup>2</sup>:</b> conductor cable consisting of pre-leads (following EN 60228).
	<b>Core insulation</b>	Mechanically high-quality, especially low-capacitance TPE mixture.
	<b>Core stranding</b>	Cores stranded in short pitch lengths over a centre for high tensile stresses.
	<b>Core identification</b>	<b>Energy conductor:</b> cores black with white numerals, one core green/yellow. 1. core: U / L1 / C / L+      2. core: V / L2 3. core: W / L3 / D / L-      4. core: 4 / N
	<b>Outer jacket</b>	Low-adhesion, oil-resistant mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: black (similar to RAL 9005)

 Highly flexible special conductor

 Energy conductor stranded around high-tensile center cord

 Gusset-filled extruded, oil-proof PVC mixture

High Class Line



**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...



	<b>UL/CSA</b>	Style 10492 and 2570, 1000 V, 80 °C
	<b>CEI</b>	Following CEI 20-35
	<b>CE</b>	Following 2006/95/EG
	<b>DESINA</b>	According to VDW, DESINA standardisation
	<b>Lead free</b>	Following EU guideline (RoHS) 2002/95/EC
	<b>Clean room</b>	According to ISO Class 2. Outer sheath material complies with CF5.10.07, tested by IPA according to standard 14644-1

## Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- especially for freely suspended and gliding travel distances up to 100 m
- Storage and retrieval units for high-bay warehouses, machining units/package machines, quick handling, indoor cranes

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF30.15.04	4 G 1.5	8.5	55	101	3.01
CF30.25.04	4 G 2.5	10.5	95	164	3.71
CF30.40.04	4 G 4.0	12.0	152	237	5.24
CF30.60.04	4 G 6.0	14.0	235	344	7.47
CF30.100.04	4 G 10.0	17.5	391	555	12.79
CF30.160.04	4 G 16.0	20.5	610	834	17.77
CF30.250.04	4 G 25.0	25.5	944	1345	26.16
CF30.350.04	4 G 35.0	28.5	1339	1731	39.09
CF30.500.04	4 G 50.0	34.0	1898	2596	51.39

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
 G = with earthed conductor green-yellow    x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

**Chainflex®**
**Phone 01 604 677240**  
**Fax 01 604 677242**


# 850 types from stock no cutting charge ...


► [www.igus.co.uk/en/CF30](http://www.igus.co.uk/en/CF30)

CF31  
PVC  
7.5 x d


# PVC Power cable

## Chainflex® CF31

- for high load requirement
- PVC outer jacket
- shielded
- oil-resistant
- flame-retardant



Highly flexible special conductor



Energy conductor stranded around high-tensile center cord



Gusset-filled extruded shield



Highly flexible braided copper shield




Pressure extruded, oil-proof PVC sheath blend



Bend Radius, moving

-5 °C to +70 °C, bending radius 7.5 x d



Bend Radius, fixed

-20 °C to +70 °C, bending radius 4 x d



V max.



unsupported/gliding 10 m/s, 5 m/s



a max.

80 m/s<sup>2</sup>



UV-resistant

Medium



Nominal voltage

600/1000 V (following DIN VDE 0250).



Testing voltage

4000 V (following DIN VDE 0281-2).



Oil

Oil-resistant (following DIN EN 60811-2-1, DIN EN 50363-4-1)



Flame-retardant

According to IEC 332-1, CEI 20-35, FT1.



Silicon-free


Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).



Conductor

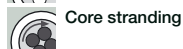
< 10 mm<sup>2</sup>: Fine-wire stranded conductor in especially bending-resistant version consisting of bare copper wires (following EN 60228).

≥ 10 mm<sup>2</sup>: conductor cable consisting of pre-leads (following EN 60228).



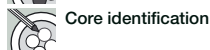
Core insulation

Mechanically high-quality, especially low-capacitance TPE mixture.



Core stranding

Cores stranded in short pitch lengths over a centre for high tensile stresses.



Core identification

**Energy conductor:** cores black with white numerals, one core green/yellow.

1. core: U / L1 / C / L+      2. core: V / L2  
3. core: W / L3 / D / L-      4. core: 4 / N



Inner jacket

PVC mixture adapted to suit the requirements in Energy Chains®.



Overall shield

Extremely bending-resistant, tinned braided copper shield. Coverage approx. 70% linear, approx. 90% optical.



Outer jacket

Low-adhesion, oil-resistant mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10). Colour: black (similar to RAL 9005)

**... no minimum order quantity**  
Information, PDF catalogues, lifetime ...

High Class Line





	<b>UL/CSA</b>	Style 10492 and 2570, 1000 V, 80 °C
	<b>CEI</b>	Following CEI 20-35
	<b>CE</b>	Following 2006/95/EG
	<b>Lead free</b>	Following EU guideline (RoHS) 2002/95/EC
	<b>Clean room</b>	According to ISO Class 2. Outer sheath material complies with CF5.10.07, tested by IPA according to standard 14644-1

## Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- especially for freely suspended and gliding travel distances up to 100 m
- storage and retrieval units for high-bay warehouses, machining units/packaging machines, quick handling, indoor cranes

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF31.15.04	(4 G 1.5)C	10.5	82	168	5.19
CF31.25.04	(4 G 2.5)C	12.5	128	236	6.51
CF31.40.04	(4 G 4.0)C	14.0	192	320	8.58
CF31.60.04	(4 G 6.0)C	16.0	297	470	12.17
CF31.100.04	(4 G 10.0)C	20.5	484	754	17.12
CF31.160.04	(4 G 16.0)C	23.0	737	1046	23.41
CF31.250.04	(4 G 25.0)C	28.5	1081	1605	35.77
CF31.350.04	(4 G 35.0)C	32.0	1493	2088	51.24
CF31.500.04	(4 G 50.0)C	37.5	2081	3011	60.97
CF31.700.04	(4 G 70.0)C	47.0	2961	4351	84.01

**Note:** The mentioned external diameters are maximum values and may tend toward lower tolerance limits.

G = with earthed conductor green-yellow    x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!

**Chainflex®**
**Phone 01 604 677240  
Fax 01 604 677242**


# 850 types from stock no cutting charge ...

► [www.igus.co.uk/en/CF31](http://www.igus.co.uk/en/CF31)

CF300.UL.D  
TPE  
7.5 x d

# TPE Power cable

## Chainflex® CF300.UL.D

- for maximum load requirement
- TPE outer jacket
- oil-resistant
- bio-oil-resistant
- flame-retardant
- UV-resistant



Highly flexible  
special conductor



Bend Radius,  
moving

-35 °C to +100 °C, bending radius 7.5 x d



Bend Radius,  
fixed

-40 °C to +100 °C, bending radius 4 x d



V max.

10 m/s, 6 m/s



a max.

100 m/s<sup>2</sup>



UV-resistant

High



Nominal voltage

600/1000 V (following DIN VDE 0250).



Testing voltage

4000 V (following DIN VDE 0281-2).



Oil

Oil-resistant (following EN 60811-2-1), bio-oil-resistant (following VDMA 24568).



Silicon-free

Free from silicon which can affect paint adhesion (in compliance with PV 3.10.7 – status 1992).



Flame-retardant

According to IEC 332-1, CEI 20-35, FT1.



Conductor

Conductor cable consisting of pre-leads (following EN 60228).



Core insulation

Mechanically high-quality TPE mixture.



Outer jacket

Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in Energy Chains®.  
Colour: black (similar to RAL 9005)



DESINA

According to VDW, DESINA standardisation



CE

Following 2006/95/EG



UL/CSA

Style 10492 and 21218, 1000 V, 80 °C



CEI

Following CEI 20-35



Lead free

Following EU guideline (RoHS) 2002/95/EC.



Pressure extruded  
TPE blend



Pressure extruded,  
halogen-free  
TPE blend

Premium Line



IGUS CHAINFLEX® CF300.

## ... no minimum order quantity

Information, PDF catalogues, lifetime ...



Clean room

According to ISO Class 1. Outer sheath material complies with CF34.25.04, tested by IPA according to standard 14644-1

## Typical application area

- for maximum load requirements
- almost unlimited resistance to oil, also with bio-oils
- indoor and outdoor applications, UV-resistant
- especially for freely suspended and gliding travel distances up to 400 m and more
- storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, clean room, semiconductor insertion, ship to shore, outdoor cranes, low-temperature applications

Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter in mm approx.	Copper index [kg/km]	Weight [kg/km]	Price £/m
CF300.UL.60.01.D	1x6.0	7.0	56	77	2.59
CF300.UL.100.01.D	1x10.0	8.0	96	119	3.15
CF300.UL.160.01.D	1x16.0	9.5	151	183	4.72
CF300.UL.250.01.D	1x25.0	11.5	239	281	7.93
CF300.UL.350.01.D	1x35.0	12.5	333	377	10.22
CF300.UL.500.01.D	1x50.0	14.5	479	525	13.46
CF300.UL.700.01.D	1x70.0	16.0	623	676	16.26
CF300.UL.950.01.D	1x95.0	19.0	848	927	23.13
CF300.UL.1200.01.D	1x120.0	21.5	1059	1145	30.08

**Note:** The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
 G = with earthed conductor green-yellow    x = without earthed conductor

If you don't see a core size / core number combination you need - we probably have it - just call us!



STS cranes in Antwerp with igus® Energy Chain Systems® for energy and data supplies to centenary and main trolley.

Chainflex®

 Phone 01 604 677240  
 Fax 01 604 677242


i

# 850 types from stock no cutting charge ...

► [www.igus.co.uk/en/CF300](http://www.igus.co.uk/en/CF300)

igus® E-ChainSystems®

Phone (01604) 677240  
Fax (01604) 677242



**closed** -  
stronger but not openable



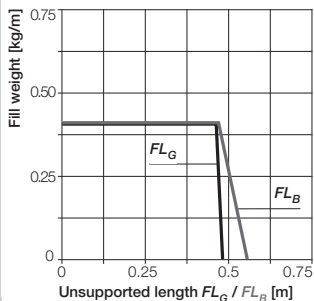
**zipper** -  
zip open lids



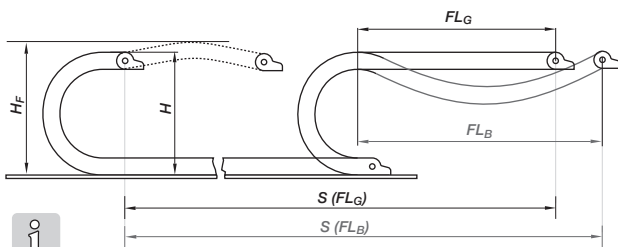
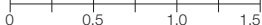
**easy** -  
simply press the cables in

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



Length of travel  $S$  [m]



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

sales\_uk@igus.co.uk  
www.igus.co.uk

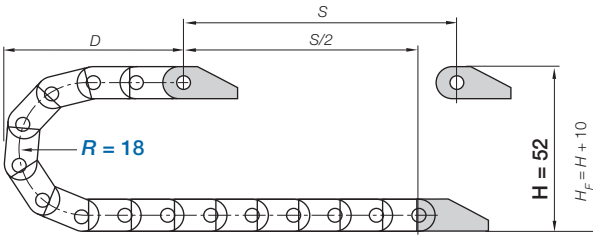
Do you need flexible cables? tip: **Chainflex® CF9**

TPE Control cable for maximum load requirements, TPE outer jacket, oil-resistant and bio-oil-resistant, PVC-free/halogen-free, low-temperature-flexible  
Detailed Information - see igus® Chainflex® range ► page 46 or [www.igus.co.uk/en/CF9](http://www.igus.co.uk/en/CF9)

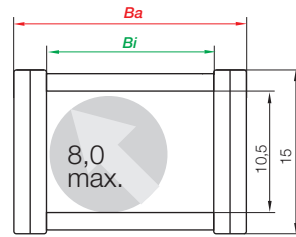
IGUS® CHAINFLEX® CF9



$H = 52$  Camber clearance approx. 10 mm  
 $H_F = H + 10$  mm Required clearance height



Installation Dimensions



10,5

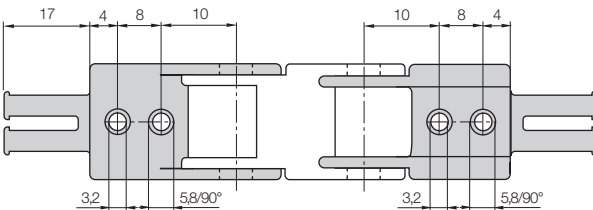
Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
06.10.018.0	closed	10	16,5	18	16.23
06.16.018.0	closed	16	22,5	18	17.00
06.20.018.0	closed	20	27,0	18	17.51
07.10.018.0	zipper	10	16,5	18	17.78
07.16.018.0	zipper	16	22,5	18	18.15
07.20.018.0	zipper	20	27,0	18	18.64
E06.10.018.0	easy	10	16,5	18	16.55
E06.16.018.0	easy	16	22,5	18	17.17

Product Range Mounting Brackets

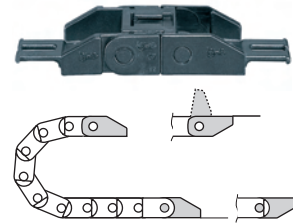
Bracket Part No.	Price £/set
060.10.12PZ	2.65
060.16.12PZ	2.78
060.20.12PZ	2.83
060.10.12PZ	2.65
060.16.12PZ	2.78
060.20.12PZ	2.83
060.10.12PZ	2.65
060.16.12PZ	2.78

If you don't see a size you need - we probably have it - just call us!



Mounting Brackets - with strain relief tiewrap plates - Part No. 060.XX.12PZ

Mounting Brackets



mini E-Chains®  
Inner height: 10,5 mm

Phone (01 604) 677240  
Fax (01 604) 677242

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Brackmills Northampton NN4 7PW

igus® E-ChainSystems®

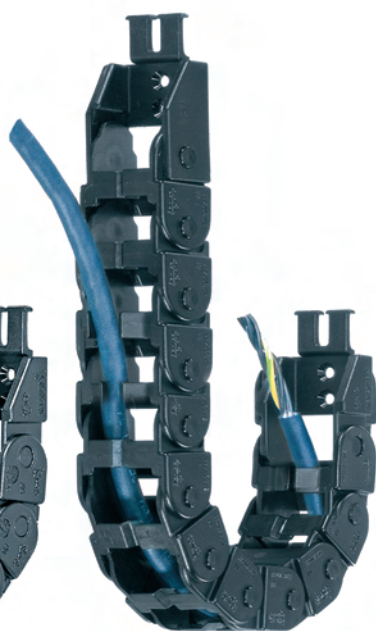
Phone (01604) 677240  
Fax (01604) 677242



**closed** -  
stronger but not openable



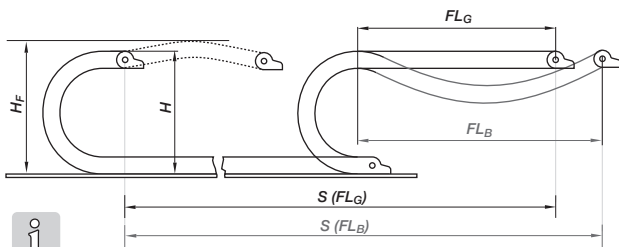
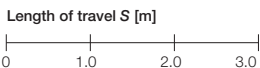
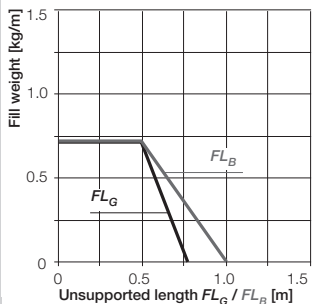
**zipper** -  
zip open lids



**easy** -  
simply press the cables in

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51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

Do you need flexible cables? tip: **Chainflex® CF130.UL**

Economy PVC-control-cable for medium load requirements - UL-approval, flame-retardant  
Detailed Information - see igus® Chainflex® range ▶ page 38 or [www.igus.co.uk/en/CF130.UL](http://www.igus.co.uk/en/CF130.UL)

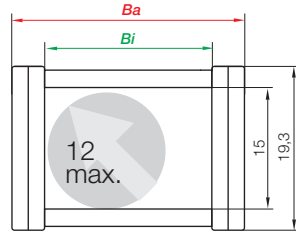
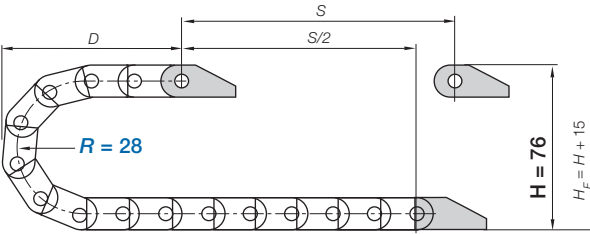
IGUS® CHAINFLEX® CF130.UL



sales\_uk@igus.co.uk  
www.igus.co.uk

$H = 76$  Camber clearance approx. 15 mm  
 $H_F = H + 15$  mm Required clearance height

Installation Dimensions



15

mini E-Chains®  
Inner height: 15 mm

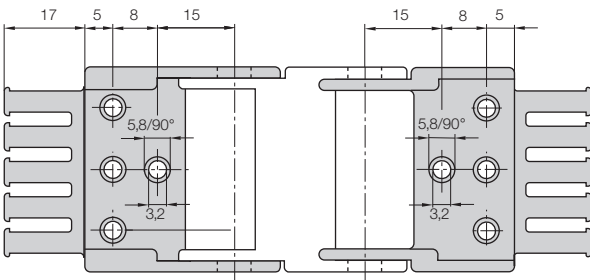
Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
08.16.028.0	closed	16	24,2	28	18.03
08.20.028.0	closed	20	28,2	28	18.54
08.30.028.0	closed	30	38,2	28	19.06
09.16.028.0	zipper	16	24,2	28	19.57
09.20.028.0	zipper	20	28,2	28	20.09
09.30.028.0	zipper	30	38,2	28	21.12
E08.16.028.0	easy	16	24,2	28	18.25
E08.20.028.0	easy	20	28,2	28	18.83
E08.30.028.0	easy	30	38,2	28	19.42

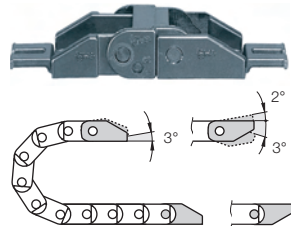
Product Range Mounting Brackets

Bracket Part No.	Price £/set
080.16.12PZ	3.01
080.20.12PZ	3.06
080.30.12PZ	3.19
080.16.12PZ	3.01
080.20.12PZ	3.06
080.30.12PZ	3.19
080.16.12PZ	3.01
080.20.12PZ	3.06
080.30.12PZ	3.19

If you don't see a size you need - we probably have it - just call us!



Mounting Brackets



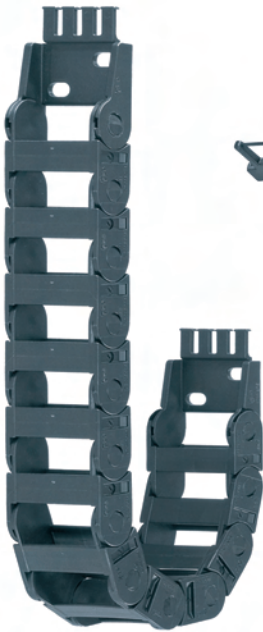
Mounting Brackets - with strain relief tiwrap plates - Part No. 080.XX.12PZ  
 080.16.12 - 080.20.12: center bores only · 080.30.12: outer bores only

Phone (01 604) 677240  
Fax (01 604) 677242

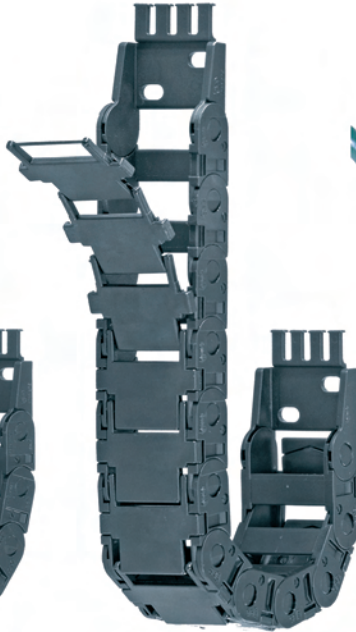
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51A Caswell Road  
Brackmills Northampton NN4 7PW

igus® E-ChainSystems®

Phone (01604) 677240  
Fax (01604) 677242



**closed** - stronger but not openable



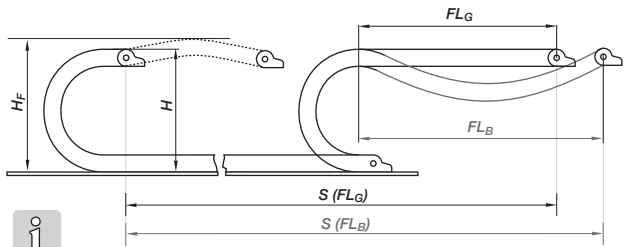
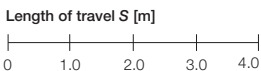
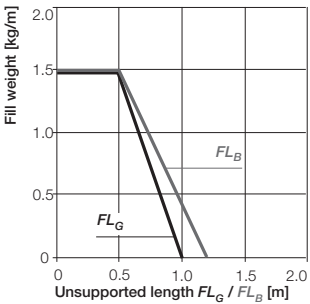
**zipper** - zip open lids



**easy** - simply press the cables in

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51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

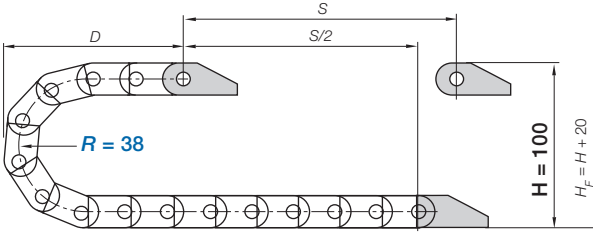
sales\_uk@igus.co.uk  
www.igus.co.uk

Do you need flexible cables? tip: **Chainflex® CF140.UL**

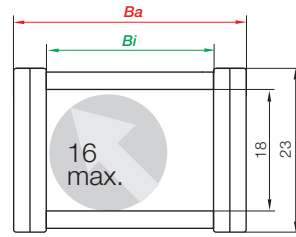
Economy shielded PVC-control-cable for medium load requirements - UL-approval, flame-retardant  
Detailed Information - see igus® Chainflex® range ► page 40 or [www.igus.co.uk/en/CF140.UL](http://www.igus.co.uk/en/CF140.UL)



$H = 100$  Camber clearance approx. 20 mm  
 $H_F = H + 20$  mm Required clearance height



Installation Dimensions



17

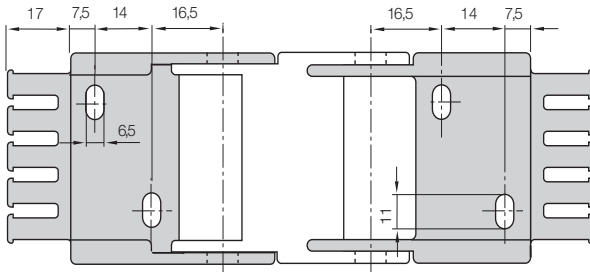
Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
10.025.038.0	closed	25	36	38	19.10
10.038.038.0	closed	38	49	38	20.07
10.050.038.0	closed	50	61	38	21.04
15.025.038.0	zipper	25	36	38	23.63
15.038.038.0	zipper	38	49	38	24.94
15.050.038.0	zipper	50	61	38	25.90
E14.2.038.0	easy	25	37	38	17.16
E14.3.038.0	easy	38	50	38	17.80
E14.4.038.0	easy	50	62	38	18.45

Product Range Mounting Brackets

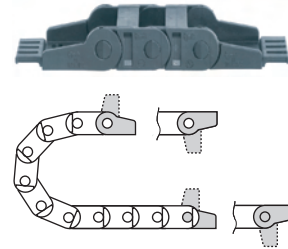
Bracket Part No.	Price £/set
1025.34PZ	3.30
1038.34PZ	3.41
1050.34PZ	3.53
1025.34PZ	3.30
1038.34PZ	3.41
1050.34PZ	3.53
114.2.34PZ	3.30
114.3.34PZ	3.41
114.4.34PZ	3.53

If you don't see a size you need - we probably have it - just call us!



Mounting Brackets - Part. No. 10XX.34PZ / 114.X.34PZ

Mounting Brackets



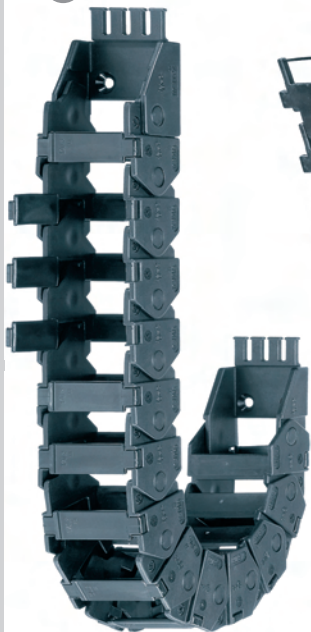
mini E-Chains®  
Inner height: 17 mm

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Fax (01 604) 677242

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igus® E-ChainSystems®

Phone (01604) 677240  
Fax (01604) 677242



**snap-open -**  
with film hinge lid



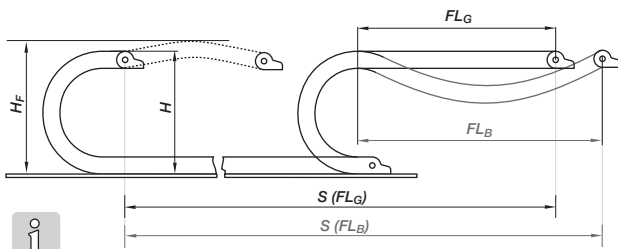
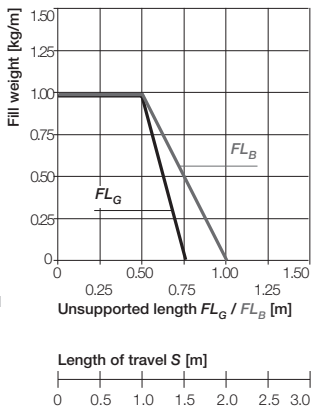
**zipper -**  
zip open lids



**easy -**  
simply press the cables in

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51A Caswell Road  
Brackmills Northampton NN4 7PW

**Technical Data**



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
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- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

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www.igus.co.uk

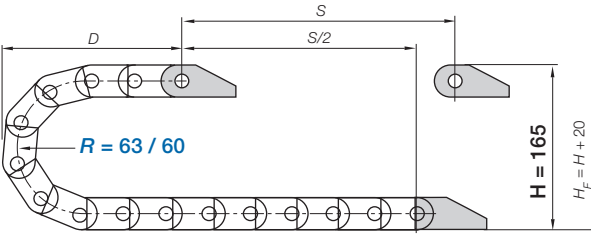
**Do you need flexible cables? tip: Chainflex® CF6**

PVC Control cable for high load requirements, PVC outer jacket, shielded, oil-proof in accordance with VDE, flame-retardant

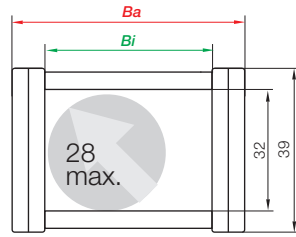
Detailed Information - see igus® Chainflex® range ► page 44 or [www.igus.co.uk/en/CF6](http://www.igus.co.uk/en/CF6)



$H = 165$  Camber clearance approx. 20 mm  
 $H_F = H + 20$  mm Required clearance height



Installation Dimensions



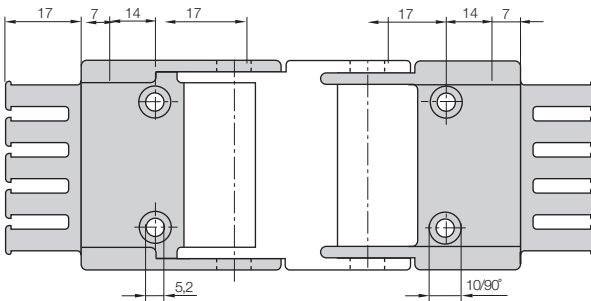
Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
B17.3.063.0	snap-open	38	48,5	63	26.87
B17.4.063.0	snap-open	50	60,5	63	27.52
B17.5.063.0	snap-open	63	76	63	27.84
17.3.063.0	zipper	38	48,5	63	26.87
17.4.063.0	zipper	50	60,5	63	27.52
17.5.063.0	zipper	63	76	63	27.84
E16.3.060.0	easy	36	50,5	60	18.78
E16.4.060.0	easy	48	62,5	60	19.75
E16.5.060.0	easy	63	78,5	60	21.04

Product Range Mounting Brackets

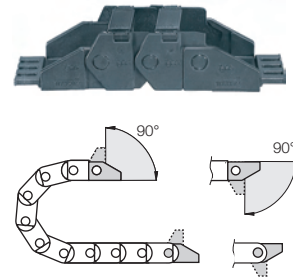
Bracket Part No.	Price £/set
117.3.12PZ	3.67
117.4.12PZ	3.79
117.5.12PZ	3.90
117.3.12PZ	3.67
117.4.12PZ	3.79
117.5.12PZ	3.90
117.3.12PZ	3.67
117.4.12PZ	3.79
117.5.12PZ	3.90

If you don't see a size you need - we probably have it - just call us!



Mounting Brackets - with strain relief tiwrap plates - Part. No. 117.X.12PZ

Mounting Brackets

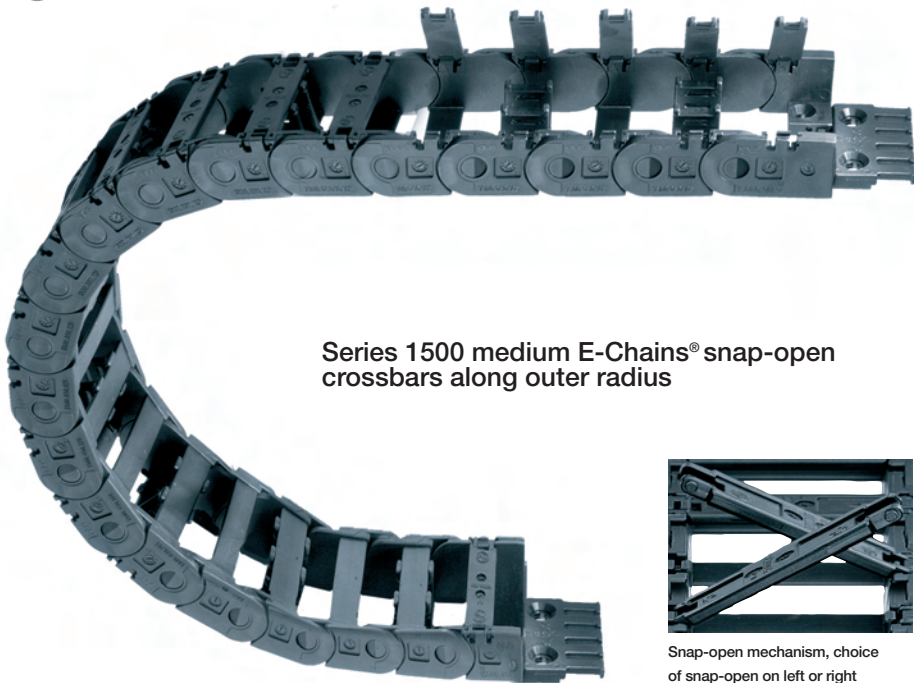


mini E-Chains®  
Inner height: 32 mm

Phone (01 604) 677240  
Fax (01 604) 677242

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Brackmills Northampton NN4 7PW

igus® E-ChainSystems®



Series 1500 medium E-Chains® snap-open crossbars along outer radius

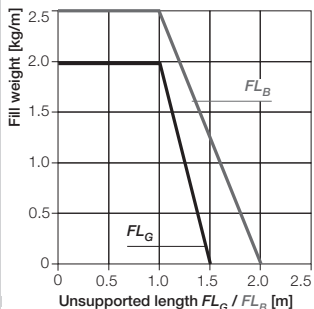


Snap-open mechanism, choice of snap-open on left or right

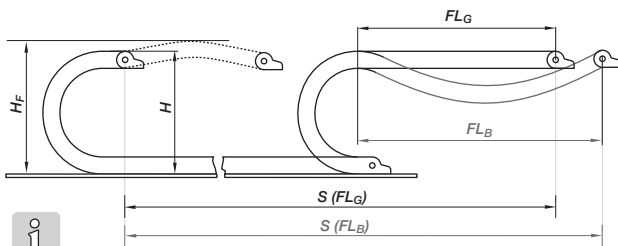
Phone (01604) 677240  
Fax (01604) 677242

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Brackmills Northampton NN4 7PW

Technical Data



Length of travel  $S$  [m]



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www.igus.co.uk

Do you need flexible cables? tip: Chainflex® CF5

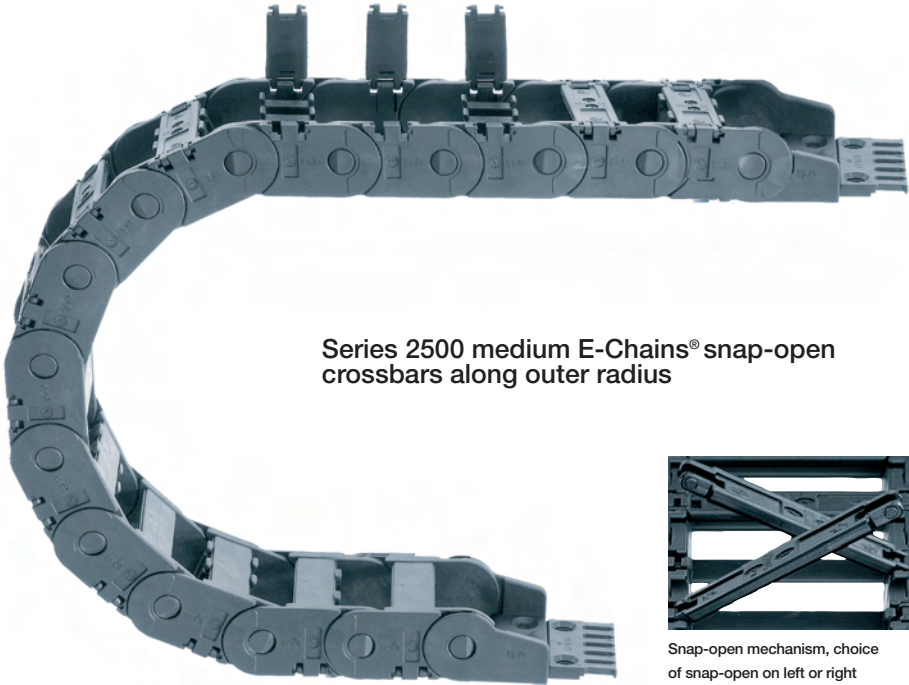
Economy for high cycles, PVC-outer-jacket, flame-retardant, oil-proof accordance with VDE  
Detailed Information - see igus® Chainflex® range ► page 42 or www.igus.co.uk/en/CF5

IGUS® CHAINFLEX® CF5

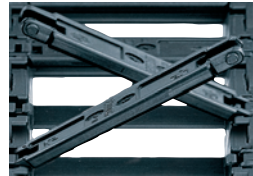


igus® E-ChainSystems®

Phone (01604) 677240  
Fax (01604) 677242



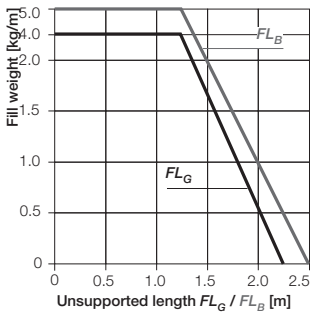
Series 2500 medium E-Chains® snap-open crossbars along outer radius



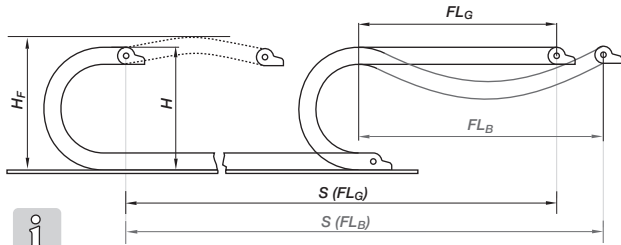
Snap-open mechanism, choice of snap-open on left or right

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Brackmills Northampton NN4 7PW

Technical Data



Length of travel  $S$  [m]



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- $R$  = Bending radius
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- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

sales\_uk@igus.co.uk  
www.igus.co.uk

Do you need flexible cables? tip: Chainflex® CF211

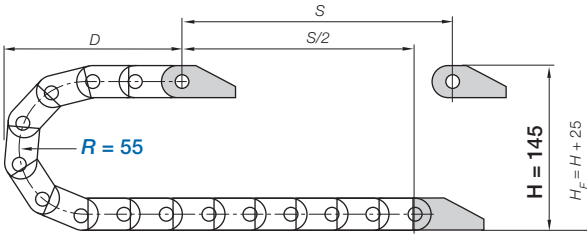
oil-proof accordance with VDE, flame-retardant, PVC-outer-jacket, shielded

Detailed Information - see igus® Chainflex® range ► page 52 or www.igus.co.uk/en/CF211

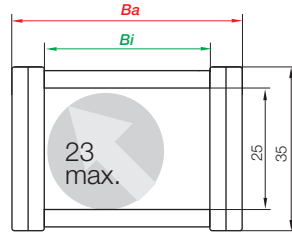
IGUS® CHAINFLEX® CF211



$H = 145$  Camber clearance approx. 25 mm  
 $H_F = H + 25$  mm Required clearance height



Installation Dimensions



medium E-Chains®  
 Inner height: 25 mm

Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
2500.02.055.0	snap-open crossbars	25	41	55	32.63
2500.03.055.0	snap-open crossbars	38	54	55	33.08
2500.05.055.0	snap-open crossbars	57	73	55	33.69
2500.07.055.0	snap-open crossbars	77	93	55	35.89
2500.10.055.0	snap-open crossbars	103	119	55	38.87

Product Range Mounting Brackets

Bracket Part No.	Price £/set
2020.34PZB+	6.16
2030.34PZB+	6.36
2050.34PZB+	6.55
2070.34PZB+	6.73
2100.34PZB+	6.96

If you don't see a size you need - we probably have it - just call us!

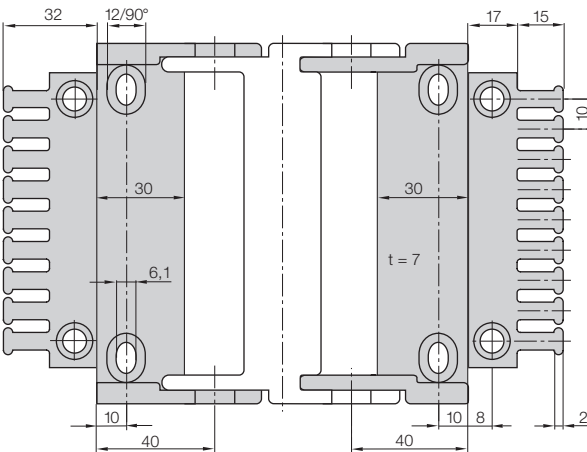
Phone (01 604) 677240  
 Fax (01 604) 677242

Phone  
 Fax

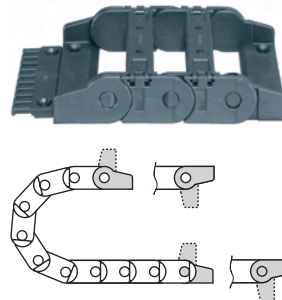


Interior Separation

Vertical separator Series	Price £/Ea
201	0.09



Mounting Brackets



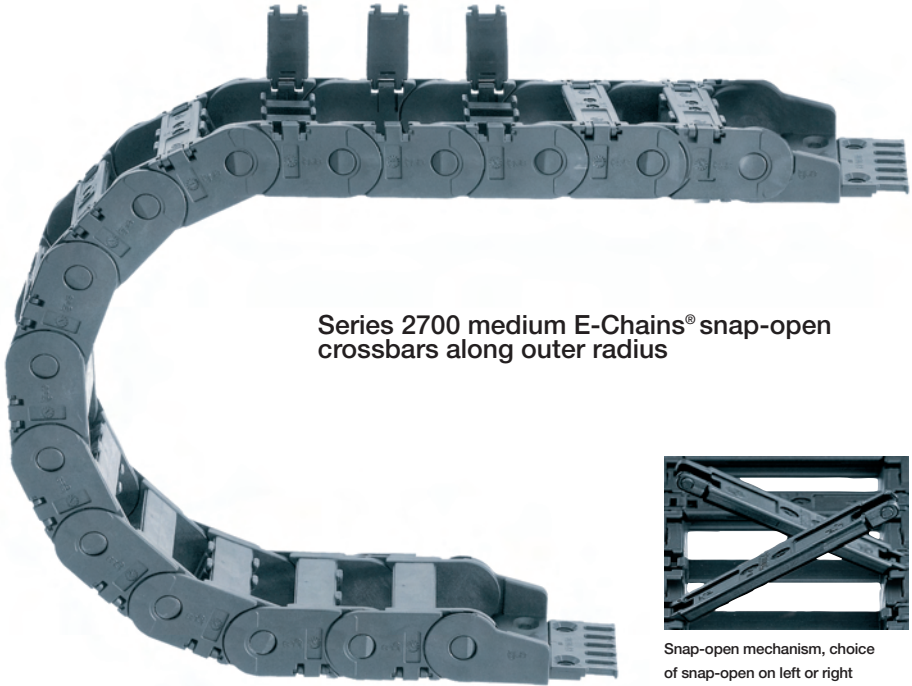
Mounting Brackets - with strain relief tiwrap plates Part. No. 2XXX.34PZB+

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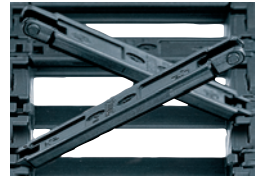
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 www.igus.co.uk

igus® E-ChainSystems®

Phone (01604) 677240  
Fax (01604) 677242



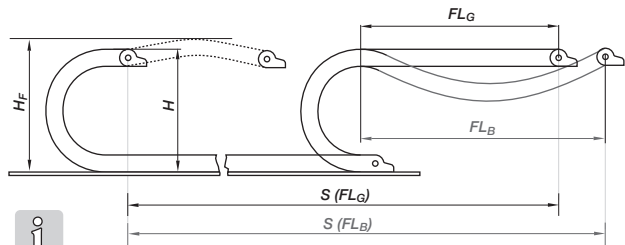
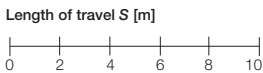
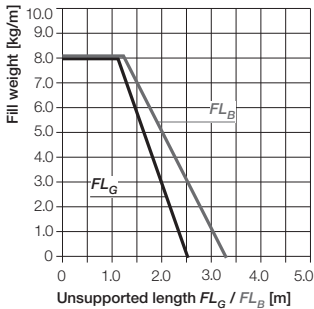
Series 2700 medium E-Chains® snap-open crossbars along outer radius



Snap-open mechanism, choice of snap-open on left or right

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



- FL<sub>G</sub>** = Unsupported length with straight upper run
- FL<sub>B</sub>** = Unsupported length with permitted sag
- S** = Length of travel
- R** = Bending radius
- H** = Nominal clearance height
- H<sub>F</sub>** = Required clearance height
- D** = Overlength E-Chain® radius in final position

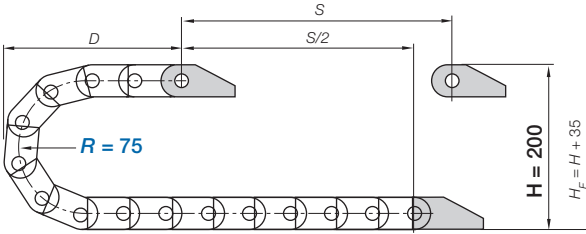
sales\_uk@igus.co.uk  
www.igus.co.uk

Do you need flexible cables? tip: Chainflex® CF31

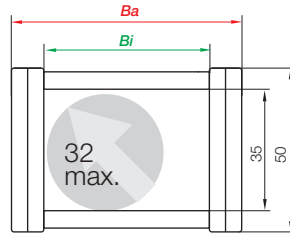
PVC-motor-cable PVC-outer-jacket, oil-proof accordance with VDE, flame-retardant, shielded  
Detailed Information - see igus® Chainflex® range ▶ page 60 or www.igus.co.uk/en/CF31



$H = 200$  Camber clearance approx. 35 mm  
 $H_F = H + 35$  mm Required clearance height



### Installation Dimensions



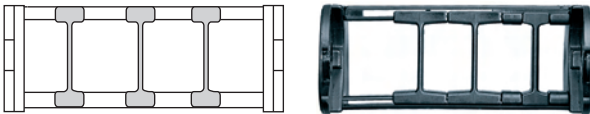
### Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
2700.05.075.0	snap-open crossbars	50	66	75	37.67
2700.07.075.0	snap-open crossbars	75	91	75	38.84
2700.10.075.0	snap-open crossbars	100	116	75	41.18
2700.12.075.0	snap-open crossbars	125	141	75	42.35
2700.15.075.0	snap-open crossbars	150	166	75	43.52

### Product Range Mounting Brackets

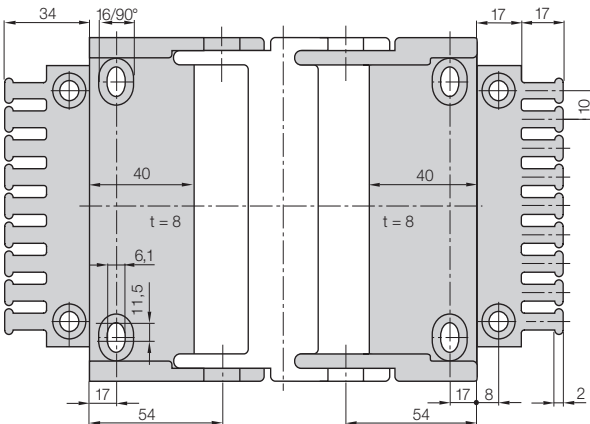
Bracket Part No.	Price £/set
2605.34PZB	9.04
2607.34PZB	9.28
2610.34PZB	9.51
2612.34PZB	9.71
2615.34PZB	9.89

If you don't see a size you need - we probably have it - just call us!

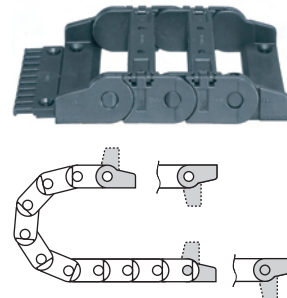


### Interior Separation

Vertical separator Series	Price £/Ea
260	0.09



### Mounting Brackets



Mounting Brackets - with strain relief tiwrap plates Part. No. 26XX.34PZB

medium E-Chains®  
Inner height: 35 mm

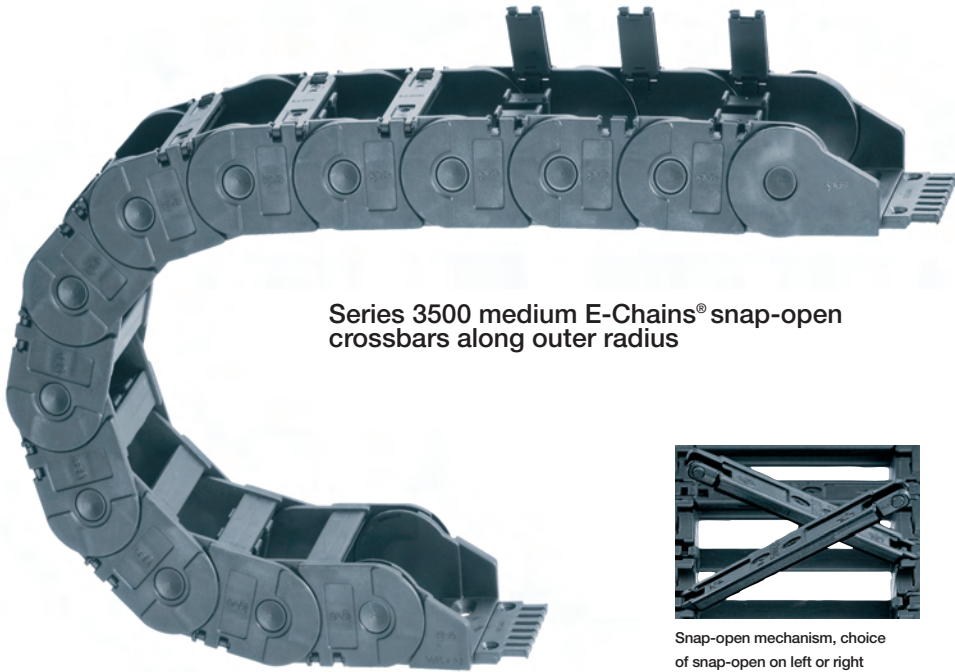
Phone (01 604) 677240  
Fax (01 604) 677242

Phone  
Fax

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

[sales\\_uk@igus.co.uk](mailto:sales_uk@igus.co.uk)  
[www.igus.co.uk](http://www.igus.co.uk)

igus® E-ChainSystems®



Series 3500 medium E-Chains® snap-open crossbars along outer radius



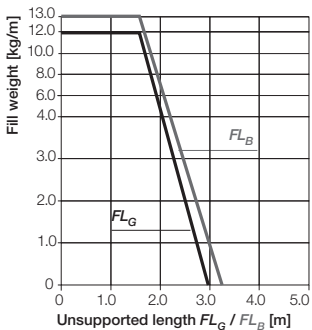
Snap-open mechanism, choice of snap-open on left or right

Phone (01604) 677240  
Fax (01604) 677242

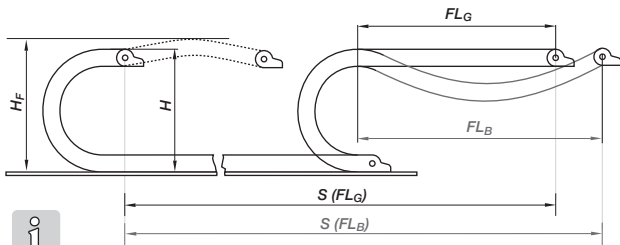
Phone  
Fax

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



Length of travel S [m]



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

Do you need flexible cables? tip: Chainflex® CF240

PVC Data cable, for high load requirements, PVC outer jacket, shielded, oil-proof in accordance with VDE, flame-retardant

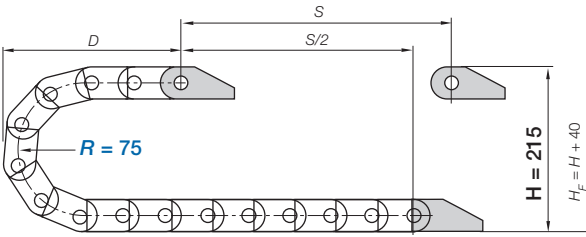
Detailed Information - see igus® Chainflex® range ► page 50 or [www.igus.co.uk/en/CF240](http://www.igus.co.uk/en/CF240)

IGUS® CHAINFLEX® CF240

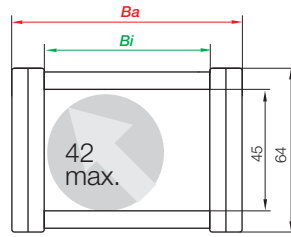


sales\_uk@igus.co.uk  
www.igus.co.uk

$H = 215$  Camber clearance approx. 40 mm  
 $H_F = H + 40$  mm Required clearance height



Installation Dimensions



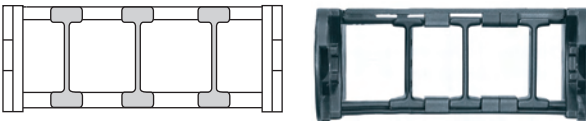
Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
3500.07.075.0	snap-open crossbars	75	95	75	66.91
3500.10.075.0	snap-open crossbars	100	120	75	70.20
3500.12.075.0	snap-open crossbars	125	145	75	73.17
3500.15.075.0	snap-open crossbars	150	170	75	76.62
3500.17.075.0	snap-open crossbars	175	195	75	79.39

Product Range Mounting Brackets

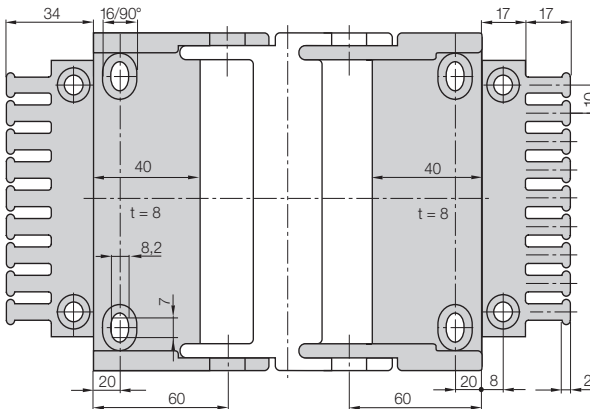
Bracket Part No.	Price £/set
3075.34PZB	10.12
3100.34PZB	10.41
3125.34PZB	10.69
3150.34PZB	10.97
3175.34PZB	11.25

If you don't see a size you need - we probably have it - just call us!

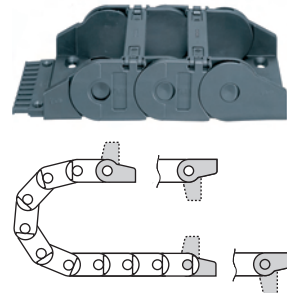


Interior Separation

Series	Price £/Ea
301	0.09



Mounting Brackets



Mounting Brackets - with strain relief tiwrap plates Part. No. 3XXX.34PZB

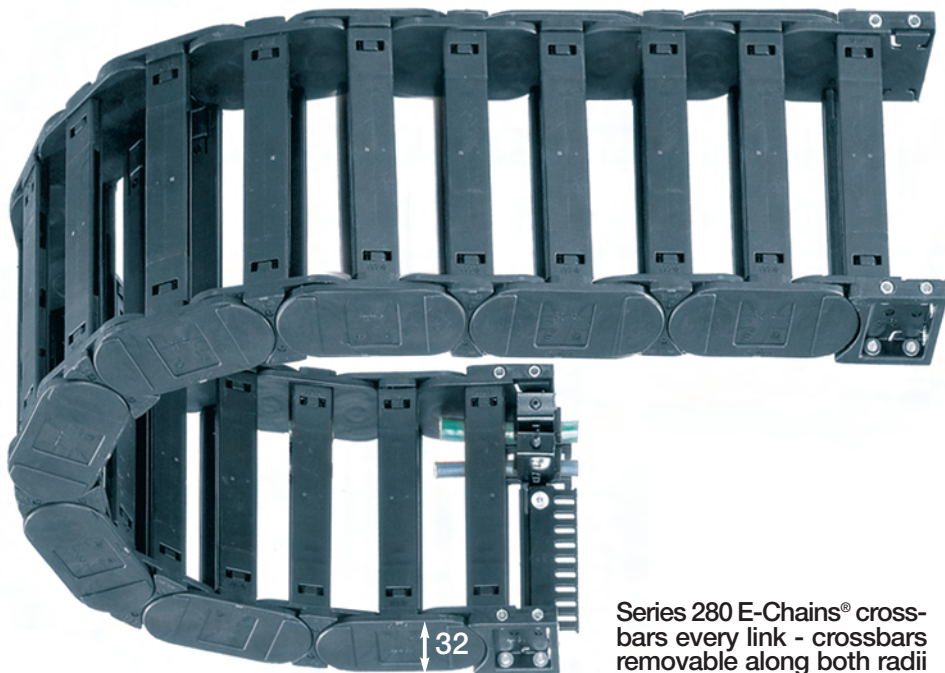
medium E-Chains®  
Inner height: 45 mm

Phone (01 604) 677240  
Fax (01 604) 677242

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51A Caswell Road  
Brackmills Northampton NN4 7PW

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[www.igus.co.uk](http://www.igus.co.uk)

igus® E-ChainSystems®

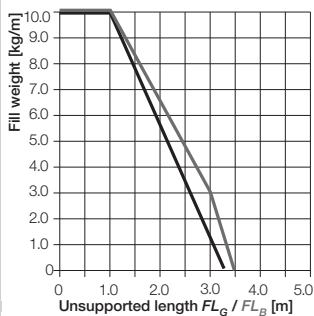


Series 280 E-Chains® cross-bars every link - crossbars removable along both radii

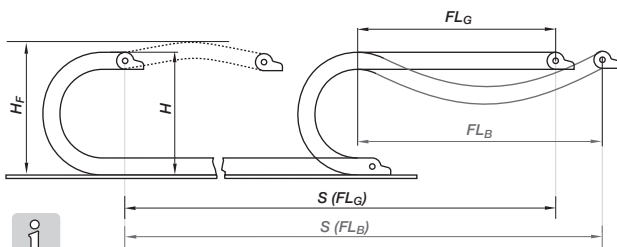
Phone (01604) 677240  
Fax (01604) 677242

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



Length of travel  $S$  [m]



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

Do you need flexible cables? tip: **Chainflex® CF300.UL**

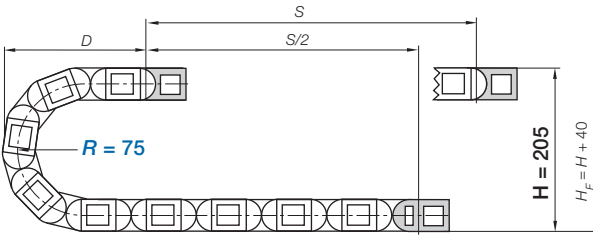
TPE Power cable for maximum load requirement, TPE outer jacket, oil-resistant, bio-oil-resistant, PVC-free/halogen-free, UV-resistant

Detailed Information - see igus® Chainflex® range ► page 62 or [www.igus.co.uk/en/CF300](http://www.igus.co.uk/en/CF300)

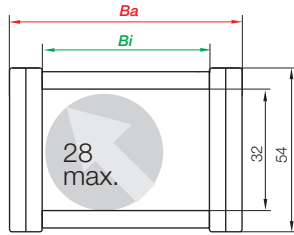
IGUS® CHAINFLEX® CF300.UL

sales\_uk@igus.co.uk  
[www.igus.co.uk](http://www.igus.co.uk)

$H = 205$  Camber clearance approx. 40 mm  
 $H_F = H + 40$  mm Required clearance height



Installation Dimensions



**32**

Large E-Chains®  
Inner height: 32 mm

Product Range E-Chains®

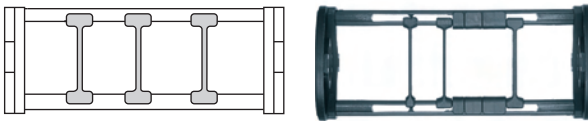
Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
280.05.075.0	removable crossbars	50	73	75	49.09
280.07.075.0	removable crossbars	75	98	75	51.74
280.10.075.0	removable crossbars	100	123	75	55.97
280.15.075.0	removable crossbars	150	173	75	66.04
280.18.075.0	removable crossbars	175	198	75	69.57

Product Range Mounting Brackets

Bracket Part No.	Price £/set
2800.05.2.12C	19.39
2800.07.2.12C	19.75
2800.10.2.12C	20.33
2800.15.2.12C	22.59
2800.18.2.12C	23.94

If you don't see a size you need - we probably have it - just call us!

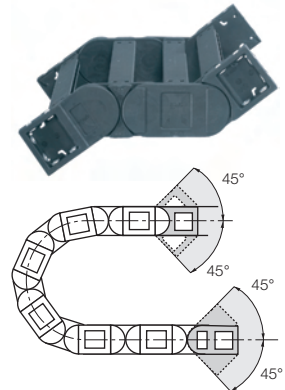
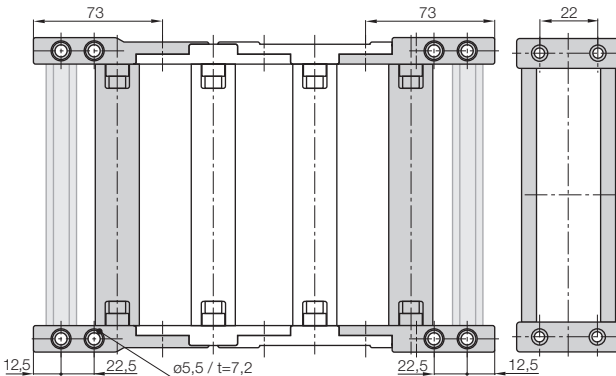
Phone (01 604) 677240  
Fax (01 604) 677242



Interior Separation

Vertical separator Series	Price £/Ea
281	0.14

Mounting Brackets

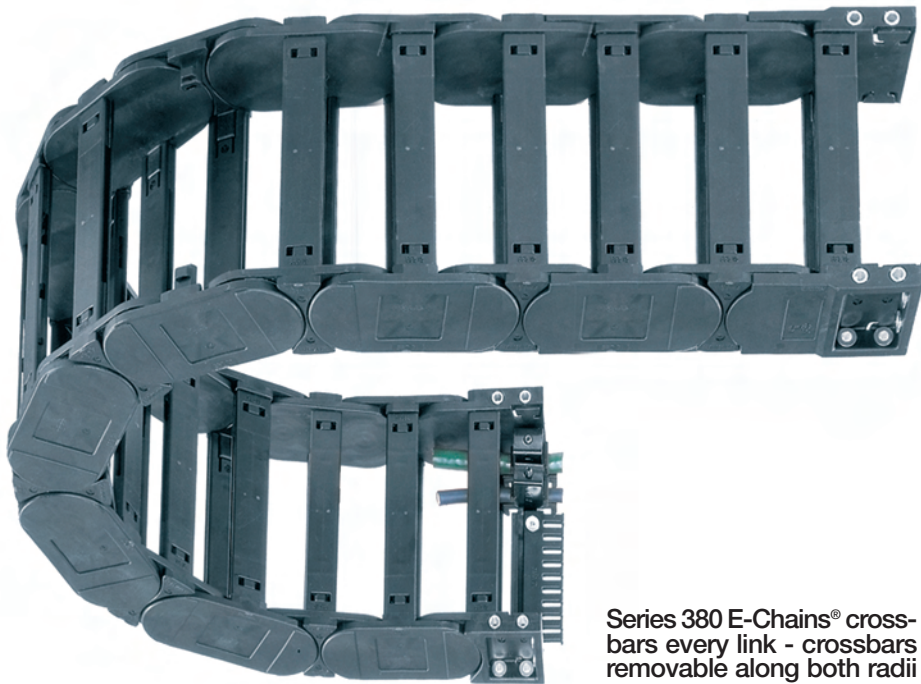


KMA Mounting Brackets - with C-profile option Part. No. 2800.XX.2.12C

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www.igus.co.uk

igus® E-ChainSystems®

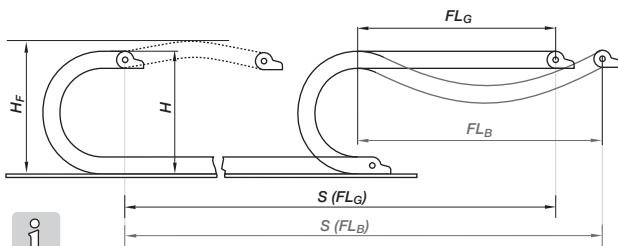
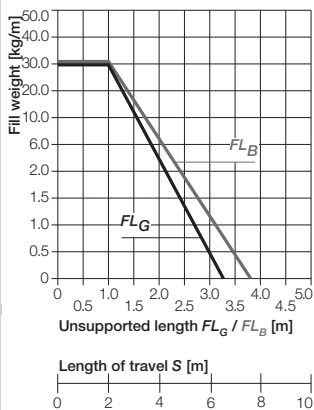


Series 380 E-Chains® cross-bars every link - cross-bars removable along both radii

Phone (01604) 677240  
Fax (01604) 677242

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

sales\_uk@igus.co.uk  
www.igus.co.uk

Do you need flexible cables? tip: Chainflex® CF211

PVC Data cable for high load requirements, PVC outer jacket, shielded, oil-proof in accordance with VDE, flame-retardant

Detailed Information - see igus® Chainflex® range ► page 52 or [www.igus.co.uk/en/CF211](http://www.igus.co.uk/en/CF211)

IGUS® CHAINFLEX® CF211

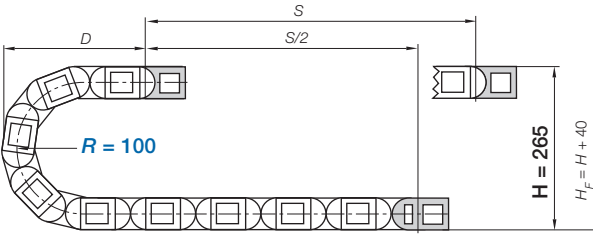


# Large E-Chains® | Inner height: 42 mm

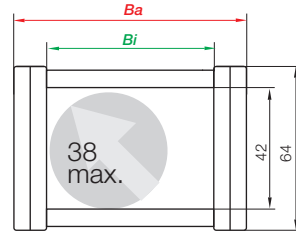


Large E-Chains®

**H** = 265 Camber clearance approx. 40 mm  
**H<sub>F</sub>** = H + 40 mm Required clearance height



## Installation Dimensions



42

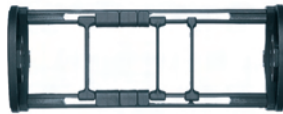
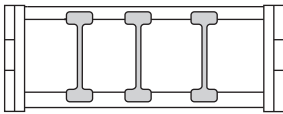
## Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
380.07.100.0	removable crossbars	75	101	100	74.90
380.10.100.0	removable crossbars	100	126	100	79.16
380.12.100.0	removable crossbars	125	151	100	81.96
380.15.100.0	removable crossbars	150	176	100	87.55
380.18.100.0	removable crossbars	175	201	100	91.82

## Product Range Mounting Brackets

Bracket Part No.	Price £/set
3800.07.1.12C	22.36
3800.10.1.12C	22.99
3800.12.1.12C	24.18
3800.15.1.12C	25.00
3800.18.1.12C	26.41

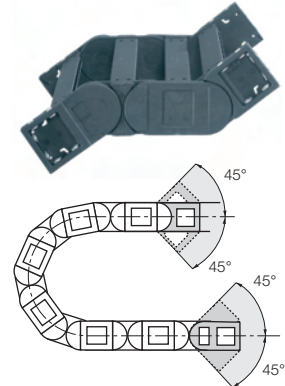
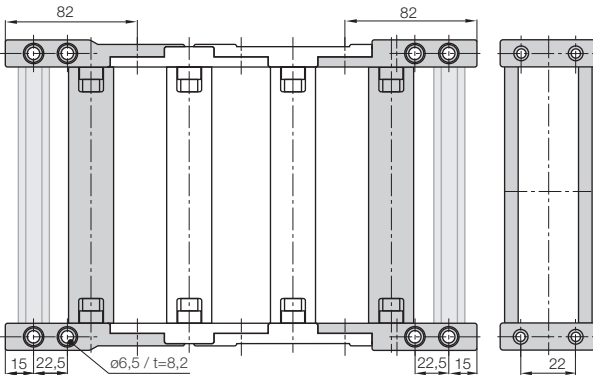
If you don't see a size you need - we probably have it - just call us!



## Interior Separation

Series	Price £/Ea
381	0.19

## Mounting Brackets



KMA Mounting Brackets - with C-profile option Part. No. 3800.XX.1.12C

For detailed information on this igus® product ► [www.igus.co.uk](http://www.igus.co.uk)

Large E-Chains®  
Inner height: 42 mm

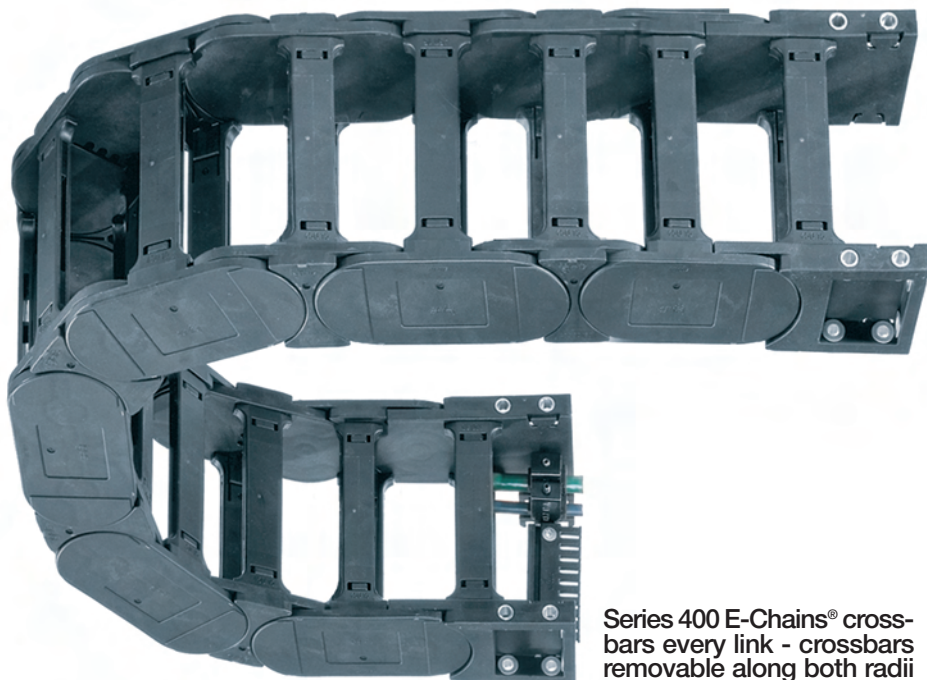
Phone (01 604) 677240  
Fax (01 604) 677242

Phone  
Fax

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

[sales\\_uk@igus.co.uk](mailto:sales_uk@igus.co.uk)  
[www.igus.co.uk](http://www.igus.co.uk)

igus® E-ChainSystems®

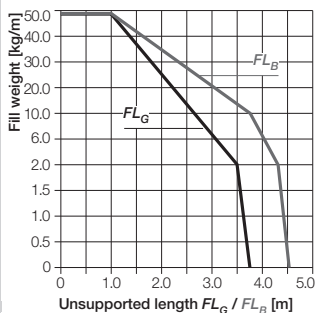


Series 400 E-Chains® cross-bars every link - crossbars removable along both radii

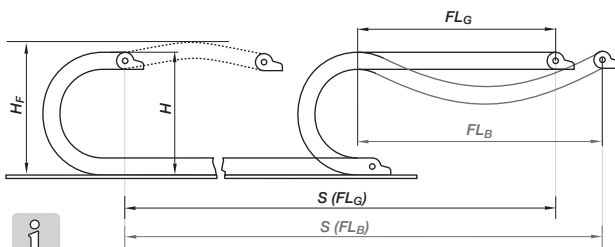
Phone (01604) 677240  
Fax (01604) 677242

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



Length of travel  $S$  [m]



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

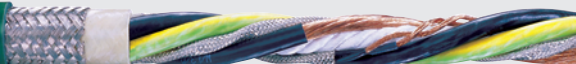
sales\_uk@igus.co.uk  
www.igus.co.uk

Do you need flexible cables? tip: Chainflex® CF21.UL

PVC Servo cable for high load requirements, PVC outer jacket, shielded, oil-proof in accordance with VDE, flame-retardant

Detailed Information - see igus® Chainflex® range ▶ page 56 or [www.igus.co.uk/en/CF21](http://www.igus.co.uk/en/CF21)

IGUS® CHAINFLEX® CF21.UL

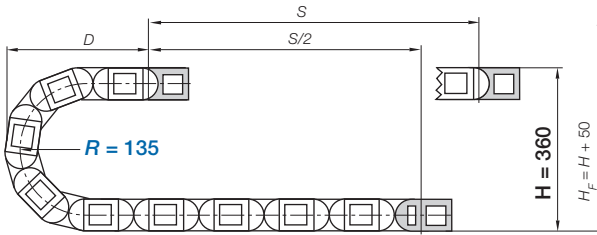


# Large E-Chains® | Inner height: 56 mm

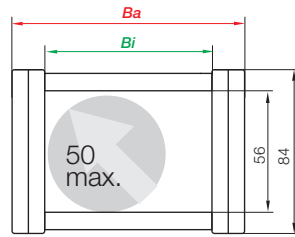


Large E-Chains®

**i**  $H = 360$  Camber clearance approx. 50 mm  
 $H_F = H + 50$  mm Required clearance height



## Installation Dimensions



56

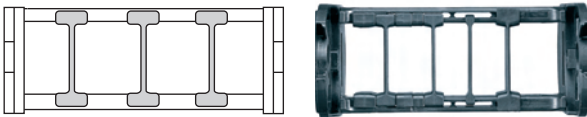
## Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
400.10.135.0	removable crossbars	100	134	135	93.23
400.15.135.0	removable crossbars	150	184	135	98.41
400.20.135.0	removable crossbars	200	234	135	103.59
400.25.135.0	removable crossbars	250	284	135	108.77
400.30.135.0	removable crossbars	300	334	135	113.95

## Product Range Mounting Brackets

Bracket Part No.	Price £/set
4000.10.1.12C	32.98
4000.15.1.12C	34.80
4000.20.1.12C	36.62
4000.25.1.12C	38.45
4000.30.1.12C	40.27

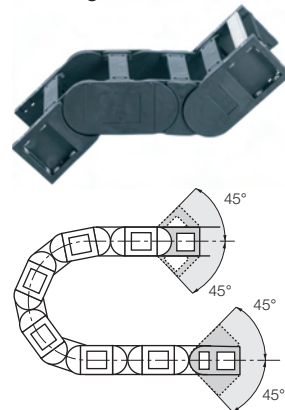
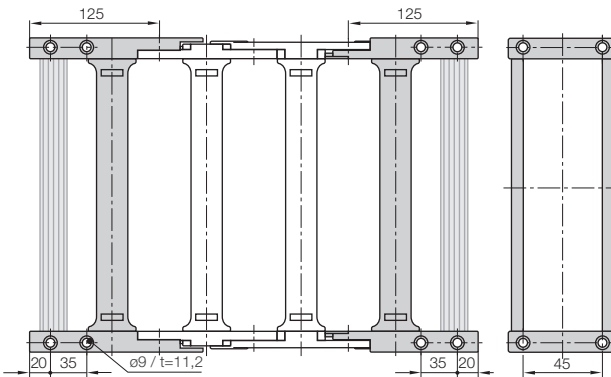
If you don't see a size you need - we probably have it - just call us!



## Interior Separation

Series	Price £/Ea
401	0.24

## Mounting Brackets



KMA Mounting Brackets - with C-profile option Part. No. 4000.XX.1.12C

Large E-Chains®  
Inner height: 56 mm

Phone (01 604) 677240  
Fax (01 604) 677242

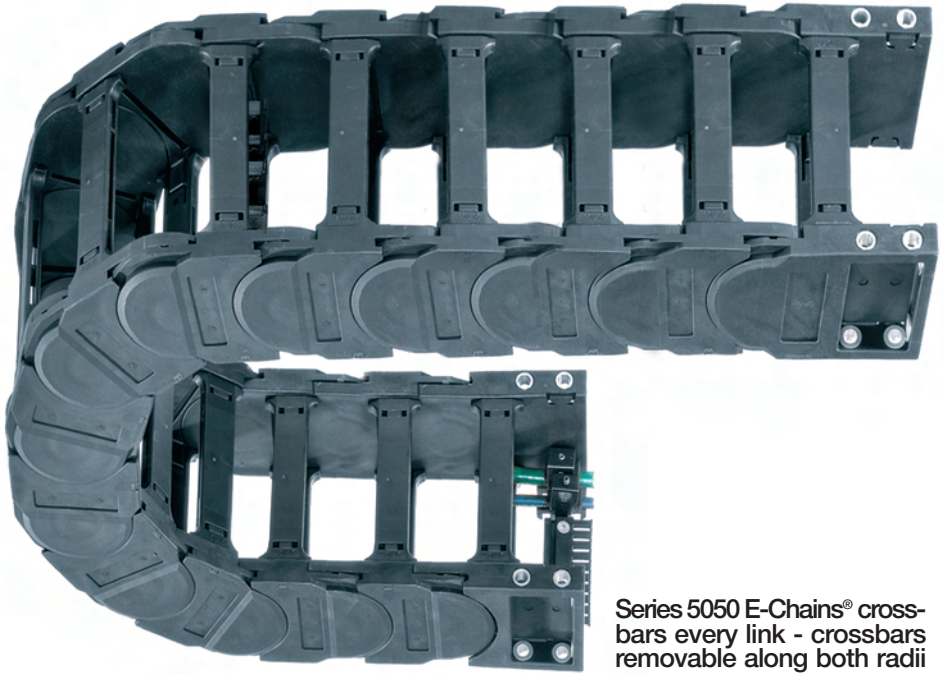
Phone  
Fax

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

sales.uk@igus.co.uk  
www.igus.co.uk

igus® E-ChainSystems®

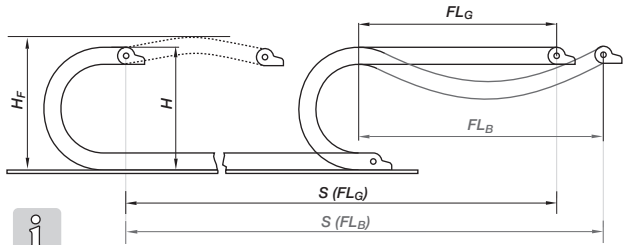
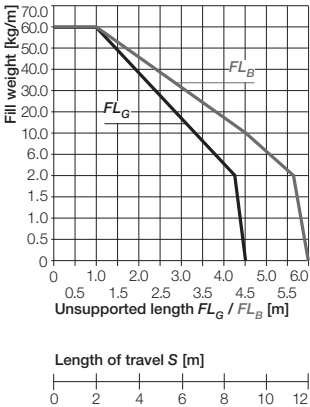
Phone (01604) 677240  
Fax (01604) 677242



Series 5050 E-Chains® cross-bars every link - cross-bars removable along both radii

igus® UK Ltd.  
51A Caswell Road  
Brackmills Northampton NN4 7PW

Technical Data



- $FL_G$  = Unsupported length with straight upper run
- $FL_B$  = Unsupported length with permitted sag
- $S$  = Length of travel
- $R$  = Bending radius
- $H$  = Nominal clearance height
- $H_F$  = Required clearance height
- $D$  = Overlength E-Chain® radius in final position

sales\_uk@igus.co.uk  
www.igus.co.uk

Do you need flexible cables? tip: **Chainflex® CFBUS**

TPE Bus cable for maximum load requirement, TPE outer jacket, shielded, oil-resistant, bio-oil-resistant, flame-retardant

Detailed Information - see igus® Chainflex® range ► page 54 or [www.igus.co.uk/en/CFBUS](http://www.igus.co.uk/en/CFBUS)

CHAINFLEX® CFBUS

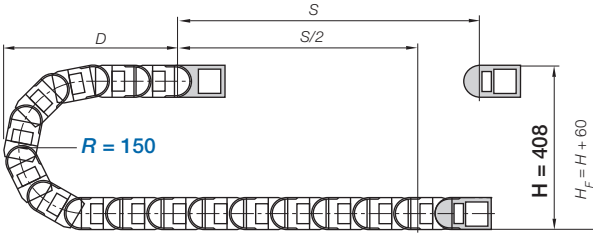


# Large E-Chains® | Inner height: 80 mm

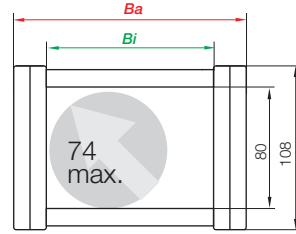


Large E-Chains®

**i**  $H = 408$  Camber clearance approx. 60 mm  
 $H_F = H + 60$  mm Required clearance height



## Installation Dimensions



Large E-Chains®  
 Inner height: 80 mm

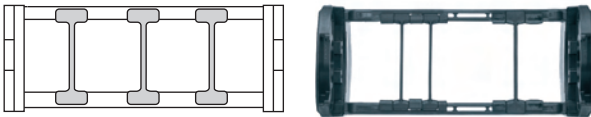
## Product Range E-Chains®

Part No.	Opening principle	Bi [mm]	Ba [mm]	R [mm]	Price £/m
5050.10.150.0	removable crossbars	100	150	150	135.74
5050.15.150.0	removable crossbars	150	200	150	140.92
5050.20.150.0	removable crossbars	200	250	150	146.10
5050.25.150.0	removable crossbars	250	300	150	151.28
5050.30.150.0	removable crossbars	300	350	150	156.46

## Product Range Mounting Brackets

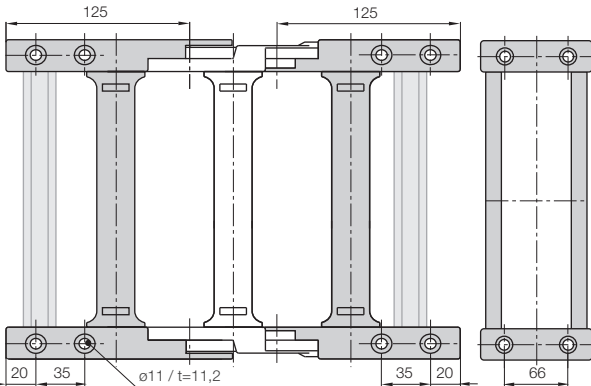
Bracket Part No.	Price £/set
50500.10.12C	36.33
50500.15.12C	37.98
50500.20.12C	39.63
50500.25.12C	41.28
50500.30.12C	42.93

If you don't see a size you need - we probably have it - just call us!

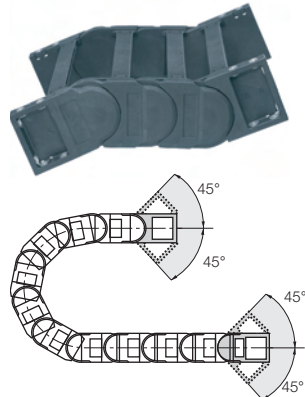


## Interior Separation

Series	Price £/Ea
501	0.38



## Mounting Brackets



KMA Mounting Brackets - with C-profile option Part. No. 50500.XX.12C

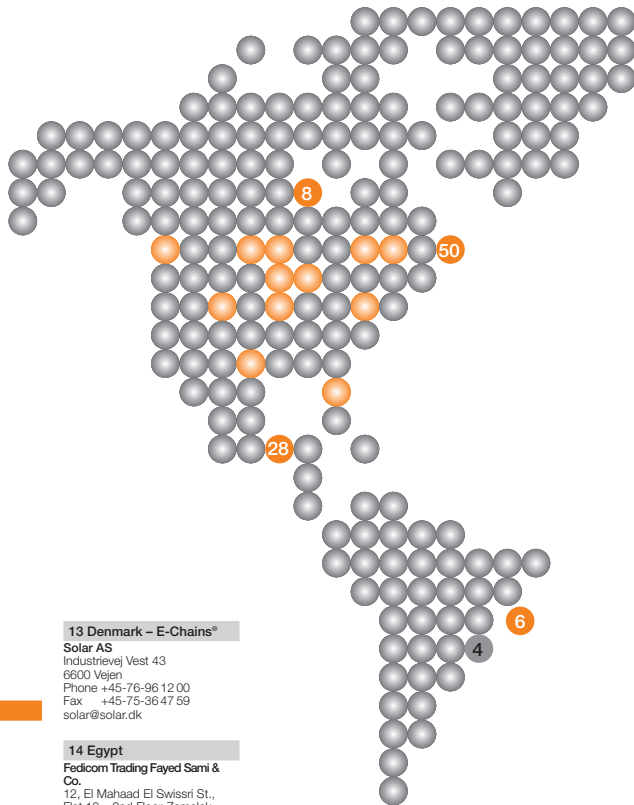
For detailed information on this igus® product ► [www.igus.co.uk](http://www.igus.co.uk)

Phone (01 604) 677240  
 Fax (01 604) 677242

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 Fax

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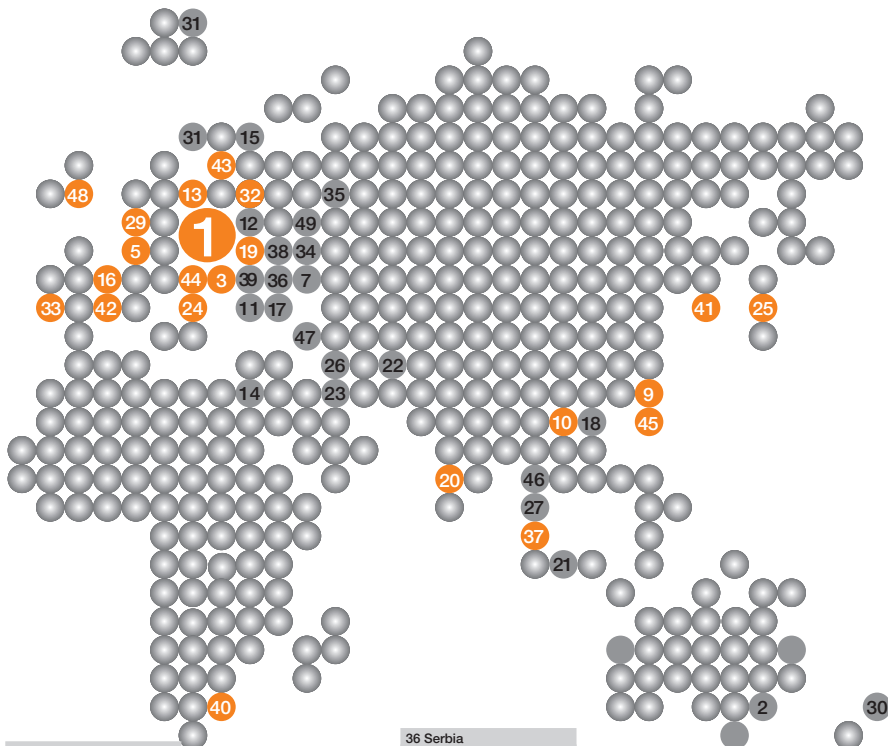
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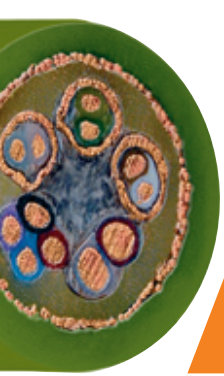
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