

Characteristics of igus® chainfix clips
Option 1: Modular clip-on strain relief for C-profile

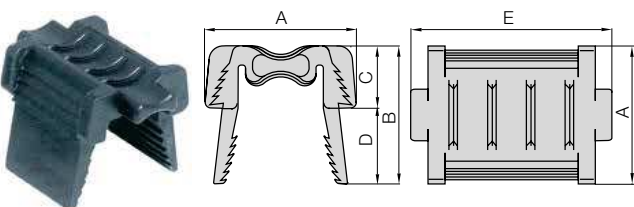
- Available for all igus® e-chains® with C-profiles
- Also suitable for assembly in the KMA mounting brackets
- Polymer, for cable diameters ranging from 4 mm to 24 mm
- Quick assembly without any tools
- 2 to 3 layers on top of one another possible
- Each layer can be detached and changed later on



Option 1 | Clip-on strain relief for C-profile

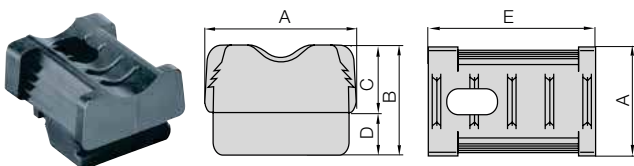
Clamp - Part no. CFC-XX-M


ø Cable [mm]	Part no. clamp	Dim. A [mm]	Dim. B [mm]	Dim. C [mm]	Dim. D [mm]	Dim. E [mm]
04 - 08 mm	CFC-08-M	14.5	13	5.5	7.5	30
08 - 12 mm	CFC-12-M	23.7	24	10	14	36
12 - 16 mm	CFC-16-M	32.4	32.5	13.6	18.9	42
16 - 20 mm	CFC-20-M	43.2	39.1	17.6	11.5	45
20 - 24 mm	CFC-24-M	54	49	22	27	50



Bottom part - Part no. CFC-XX-C

ø Cable [mm]	Part no. clamp	Dim. A [mm]	Dim. B [mm]	Dim. C [mm]	Dim. D [mm]	Dim. E [mm]
04 - 08 mm	CFC-08-C	14.5	12.5	5.5	7	24
08 - 12 mm	CFC-12-C	23.8	18	11	7	28
12 - 16 mm	CFC-16-C	32.4	23.6	13.6	10	32
16 - 20 mm	CFC-20-C	43.2	24.6	17.6	7	36
20 - 24 mm	4-C	54	29	22	7	39



 For all mounting brackets with C-profile!

 Available from stock. Delivery time* from 24 hrs or same day!
 *Delivery time refers the time until the product is shipped (after verifying technical feasibility)

Characteristics of igus® chainfix clips
Option 2: Clip-on strain relief for opening crossbars

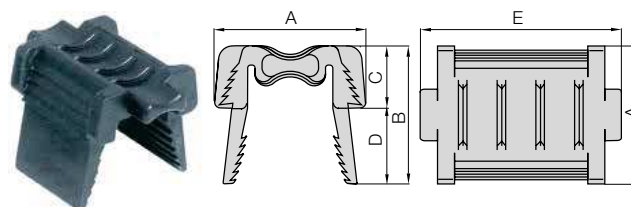
- Available for all igus® e-chains® with opening crossbars Part no. 450.XX.
- Polymer, for cable diameters from 8 mm to 12 mm
- Quick assembly without any tools
- 2 to 3 layers on top of one another possible
- Each layer can be detached and changed later on



Option 2 | Clip-on strain relief for opening crossbars

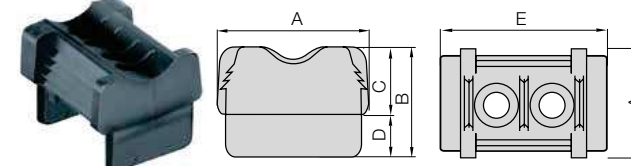
Clamp - Part no. CFC-XX-M


ø Cable [mm]	Part no. clamp	Dim. A [mm]	Dim. B [mm]	Dim. C [mm]	Dim. D [mm]	Dim. E [mm]
08 - 12 mm	CFC-12-M	23.7	24	10	14	36



Bottom part - Part no. CFC-XX-B

ø Cable [mm]	Part no. clamp	Dim. A [mm]	Dim. B [mm]	Dim. C [mm]	Dim. D [mm]	Dim. E [mm]
08 - 12 mm	CFC-12-B	23.8	21	13	8	38



 For the following igus® series

- E4.1**
 - E4.56/H4.56/R4.56
 - E4.80/H4.80/R4.80
 - 1640
 - 840
- E4/light**
 - 14040/14140
 - 14550/14650
 - 15050/15150
- E4/00**
 - 400/410
 - 640
- E4/4**
 - 4040/4140
 - 5050/5150
- E6**
 - E6.80L
 - E6.80

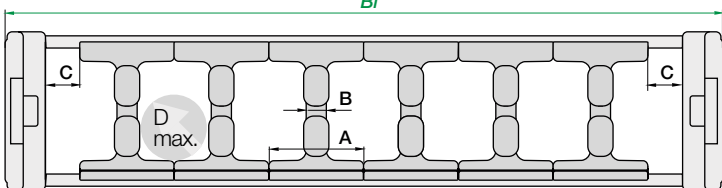
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Characteristics of igus® strain relief separators
Separator with integrated strain relief teeth

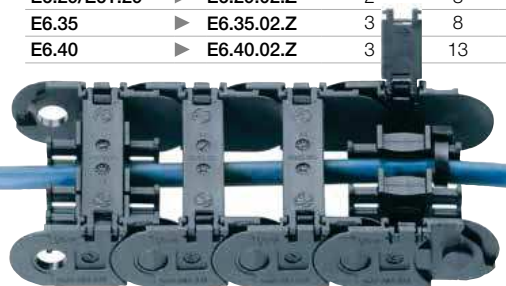
- To be used either at the first or last e-chain® link
- For restricted space conditions
- Easy to assemble without any screws
- The number "n" depends on the selection of the cables (diameter, type) and the available space




Strain relief separator | With integrated teeth



For series	Part no. strain relief separator	Number of teeth	Dim. A [mm]	Dim. B [mm]	Dim. C [mm]	Dim. D [mm]
1400/1500	▶ 21.1.Z	2	10	4	–	6
2400/2500	▶ 2020.Z	2	10	4	–	6
2450/2480	▶ 2020.ZR	2	10	4	–	6
2600/2700	▶ 262.Z	3	10	4	–	6
3400/3500	▶ 301.Z	3	18	4	–	14
3450/3800	▶ 34501.Z	3	14	4	–	10
R157/R158	▶ 1585.01.Z	3	22	4	–	18
R167/R168	▶ 1685.01.Z	4	22	4	–	18
R48	▶ 481.ZR	2	10	3.5	10	6.5
E4.21	▶ T2103.Z	2	8	4	1	4
E4.28	▶ 28.Z	2	10	4	–	6
R4.28	▶ 28.ZT	2	10	4	15	6
T3.29	▶ E6.29.02.Z	2	8	4	1	4
E6.29/E61.29	▶ E6.29.02.Z	2	8	4	1	4
E6.35	▶ E6.35.02.Z	3	8	4	1	4
E6.40	▶ E6.40.02.Z	3	13	4	–	8


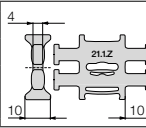

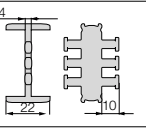

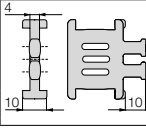

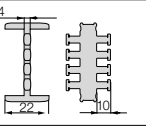

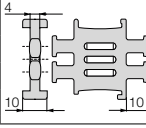

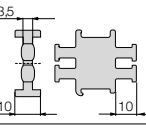

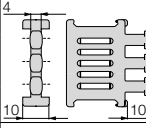

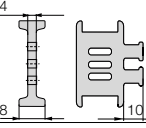

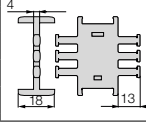

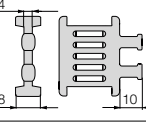
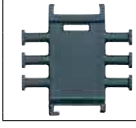
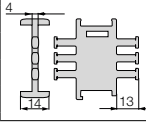

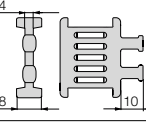

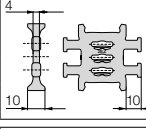

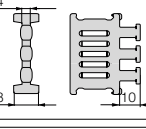

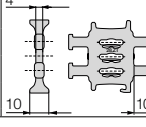

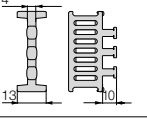


Strain relief separators are fitted either at the first or last e-chain® link. For an intermediate strain relief they can be assembled inside the e-chain®

 **For the following igus® series**

- E2/000**
- 1400/1500
 - 2400/2500
 - 2450/2480
 - 2600/2700
 - 3400/3500
 - 3450/3480
- E2 e-tubes**
- R157/R158
 - R167/R168
 - R48
- E4.1**
- E4.21
 - E4.28/R4.28
- T3**
- T3.29
- E6**
- E6.29
 - E6.35
 - E6.40
- E6.1**
- E61.29

Strain relief separators | **Product range overview**

		1400/1500 E2/000 e-chains® unassembled 21.1.Z assembled 21.1.Z.1			R157/R158 E2 e-tubes unassembled 1585.01.Z assembled 1586.01.Z
		2400/2500 E2/000 e-chains® unassembled 2020.Z assembled 2120.Z			R167/R168 E2 e-tubes unassembled 1685.01.Z assembled 1686.01.Z
		2450/2480 E2/000 e-tubes unassembled 2020.ZR assembled 2120.ZR			R48 E2 e-tubes unassembled 481.ZR assembled 482.ZR
		2600/2700 E2/000 e-chains® unassembled 262.Z assembled 263.Z			E4.21 E4.1 e-chains® unassembled T2103.Z assembled T2113.Z
		3400/3500 E2/000 e-chains® unassembled 301.Z assembled 311.Z			T3.29 T3 e-chains® unassembled E6.29.02.Z assembled E6.29.12.Z
		3450/3480 E2/000 e-tubes unassembled 34501.Z assembled 34511.Z			E6.29/E61.29 E6/E6.1 e-chains® unassembled E6.29.02.Z assembled E6.29.12.Z
		E4.28 E4.1 e-chains® unassembled 28.Z assembled 28.Z.1			E6.35 E6 e-chains® unassembled E6.35.02.Z assembled E6.35.12.Z
		R4.28 E4.1 e-tubes unassembled 28.ZT assembled 28.ZT.1			E6.40 E6 e-chains® unassembled E6.40.02.Z assembled E6.40.12.Z

 Available from stock. **Delivery time* from 24 hrs or same day!**

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Characteristics of igus® chainfix Nuggets

Option 1: C-profile and option 2: top hat rail

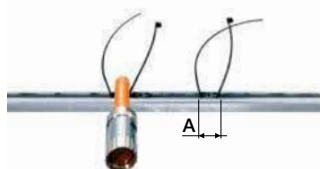
- Option 1: Universal cable fixation in C-profile
- Option 2: Clip onto a top hat rail
- Simple strain relief - harnessed cable tiewraps
- Very small space requirement
- Easy to assemble without any screws and tools
- Adjustable to any e-chain® filling



Option 1 | chainfix nuggets for C profile

For C-profiles	Part no. nugget	Ø Cable max. [mm]	Dim. A [mm]
92.42.../92.42...E	CFN.20	20	10.8
92.52.../92.52...E	CFN.30.52	30	16.4

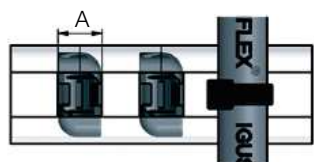
For all mounting brackets with C-profile!



Option 2 | chainfix nuggets for top-hat rail

For top hat rail	Part no. nugget	Ø Cable max. [mm]	Dim. A [mm]
Top hat rail 35	CFN.20.N35	20	20.0

For standard rails 35 (top-hat rails) !



Characteristics of the special strain relief system for hoses igus® blocks

- Modular, space-saving system
- No hose damage
- Combination of hoses and cables possible
- Hose diameters from 4.3 14 mm
- Easy to assemble without any screws and tools
- Adjustable to any e-chain® filling



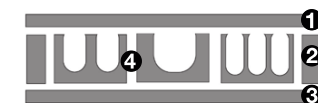
Block | Strain relief for hoses

Part no. block modules	Hose Ø [mm]	Number of hoses	Width [mm]
CFS 4,3	4.3	4 - 12	27.5
CFS 6	6	3 - 6	27.5
CFS 9	9	2	27.5
CFS 55,9	9	5	55.0
CFS 10	10	2	27.5
CFS 12	12	2	27.5
CFS 14	14	1	27.5

Part no. base plate	Part no. cover plate	Width [mm]
CFS U75	CFS P75	75
CFS U102,5	CFS P102,5	102.5
CFS U130	CFS P130	130
CFS U185	CFS P185	185
CFS U212	CFS P212	212.5
CFS U240	CFS P240	240
CFS U295	CFS PD295	295

Part no. spacer	Height [mm]
CFS D 16	16
CFS D 12	12
CFS D295	16

Please contact us!



- 1 Cover plate
- 2 Spacers
- 3 Base plate
- 4 Grid-dimensions modules
B = 27.5 mm, H = 16 mm

The modules accommodate hoses from 4.3 to 14 mm, 3 x 4.3 mm hoses can be fitted on top of each in module CFS 4.3 and 2 hoses can be fitted directly on top of each other in one notch using module CFS 6. The modules have a width of 27.5 mm, are inserted into the base plate and then fastened in position with M4 countersunkhead screws. The exception is module CFS 55.9 which offers the capacity for 5 x 9 mm hoses with twice the width. The base plate and cover plate are available in widths ranging from 75 to 240mm. The height of the spacers and modules is 16mm. Several layers can be installed directly above one another.



Available from stock. **Delivery time* from 24 hrs or same day!**

*Delivery time refers to the time until the product is shipped (after verifying technical feasibility)



Delivery time upon request, customer-specific fabrication!