

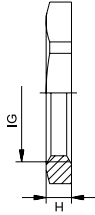
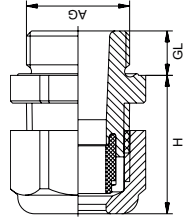
Y-CONKIT	Protection class
	IP20
	IP20
	IP20
	IP20
	IP67/68/69K
	IP67/68/69K
	IP67/68/69K
	IP67/68/69K
	IP67/68/69K
	IP67/68/69K

Product range	igus® Part No.	Product range Yamaichi Y-CONKIT accessoires
Crimping tool		
Y-ConTool-11	MAT0176447	
Cable dismantling tool		
	MAT01719767	
Assembly tool		
Y-ConTool-30	MAT01717349	

sets, pin		Housing HARTING Part No.	
		19300061440	19300061440
		19300061540	19300061540
		19300101441	19300101441
		19300101541	19300101541
		19300161441	19300161441
		19300161541	19300161541
		19300241442	19300241442
		19300241542	19300241542

HARTING Connector sets, socket				
Part No.	Cable entry	Insert	Socket-inserts HARTING Part No.	Housing HARTING Part No.
Han 6B connector housing, straight cable entry MAT90489803.U	M20	6+PE		
Han 6B connector housing, angled cable entry MAT90489805.U	M20	6+PE		
Han 10B connector housing, straight cable entry MAT90489807.U	M25	10+PE		
Han 10B connector housing, angled cable entry MAT90489809.U	M25	10+PE		
Han 16B connector housing, straight cable entry MAT90489811.U	M25	16+PE		
Han 16B connector housing, angled cable entry MAT90489813.U	M25	16+PE		
Han 24B connector housing, straight cable entry MAT90489815.U	M32	24+PE		
Han 24B connector housing, angled cable entry MAT90489817.U	M32	24+PE		

um, pin + socket	Connector housing	Connector base
ING	HARTING	HARTING
o.	Part No.	Part No.
		
062701	19300061440	19300061250
		
062701	19300061540	19300061250
		
102701	19300101441	19300101250
		
102701	19300101541	19300101250
		
162701	19300161441	19300161251
		
162701	19300161541	19300161251
		
242701	19300241442	19300241251
		
242701	19300241542	19300241251

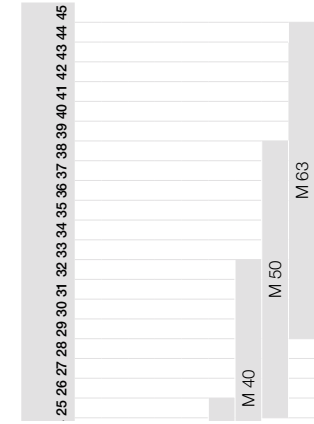


HUMMEL | K-Counter nuts

Material SB / PA
Continuous operating temperature -20 °C to +40 °C (SB)
-40 °C to +100 °C (PA)
Colour grey (RAL 7035)

igus® Part No.
MAT01 79492
MAT01 712319
MAT01 79493
MAT01 712320
MAT01 712321
MAT01 79494
MAT01 712322
MAT01 79563
MAT01 79495
MAT01 712323
MAT01 79496
MAT01 712324
MAT01 79497
MAT01 712325
MAT01 79498
MAT01 712326
MAT01 79499
MAT01 712327

IG	H mm	 mm	Pack size	Part No. grey	igus® Part No.
M 12 x 1.5	5	17	5	1.262.1200.50	MAT0179500
M 16 x 1.5	5	22	5	1.262.1600.50	MAT0179501
M 20 x 1.5	6	27	5	1.262.2000.50	MAT0179502
M 25 x 1.5	7	36	5	1.262.2500.50	MAT0179503
M 32 x 1.5	7	41	5	1.262.3200.50	MAT0179504
M 40 x 1.5	7	50	5	1.262.4000.50	MAT0179505
M 50 x 1.5	8	60	5	1.262.5000.50	MAT0179506
M 63 x 1.5	8	75	5	1.262.6300.50	MAT0179507



w.igus.eu/quickpin



igus Service life calculation, configuration and more information ► www.igus.eu

Telefon: +420 416 711 333
E-mail: lin-tech@hennlich.cz

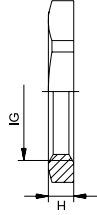
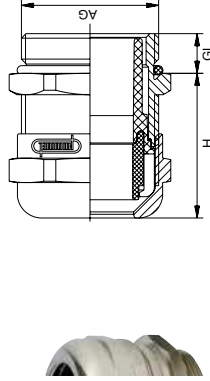
www.hennlich.cz/lin-tech

Material

Brass, nickel-plated

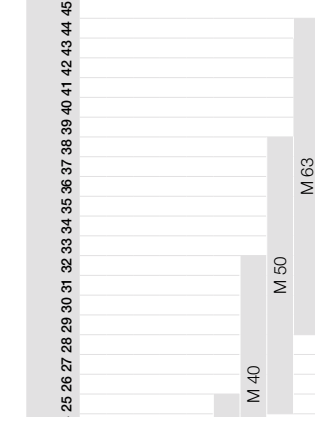
39K

Clamping range only



igus® Part No.
MAT0179476
MAT01712328
MAT0179477
MAT01712329
MAT01712330
MAT0179478
MAT01712331
MAT0179562
MAT0179479
MAT01711769
MAT0179480
MAT01712332
MAT0179481
MAT01712333
MAT0179482
MAT01712334
MAT0179483
MAT01712335

IG	H mm	Pack size	Part No.	igus® Part No.
M 12 x 1.5	2.8	15	1.161.1200.50	MAT0179484
M 16 x 1.5	2.8	19	1.161.1600.50	MAT0179485
M 20 x 1.5	3.0	23	1.161.2000.50	MAT0179486
M 25 x 1.5	3.5	29	1.161.2500.50	MAT017948
M 32 x 1.5	4.0	36	1.161.3200.50	MAT0179488
M 40 x 1.5	4.5	45	1.161.4000.50	MAT0179489
M 50 x 1.5	5.5	55	1.161.5000.50	MAT0179490
M 63 x 1.5	6.0	70	1.161.6300.50	MAT0179491



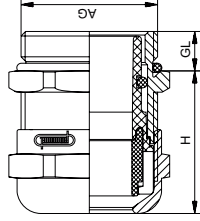
w.igus.eu/quickpin



igus Service life calculation, configuration and more information ► www.igus.eu

39K

Clamping range only

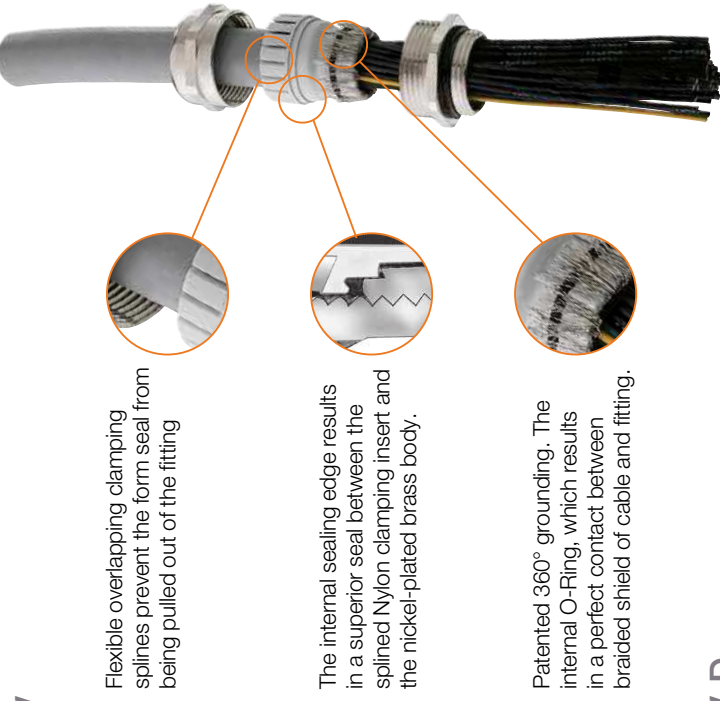


**HENNLICH -
ŽIJEME TECHNIKOU**

o.z. LIN-TECH HENNLICH s.r.o.
Českolipská 9, 412 01 Litoměřice

Telefon: +420 416 711 333
E-mail: lin-tech@hennlich.cz

www.hennlich.cz/lin-tech

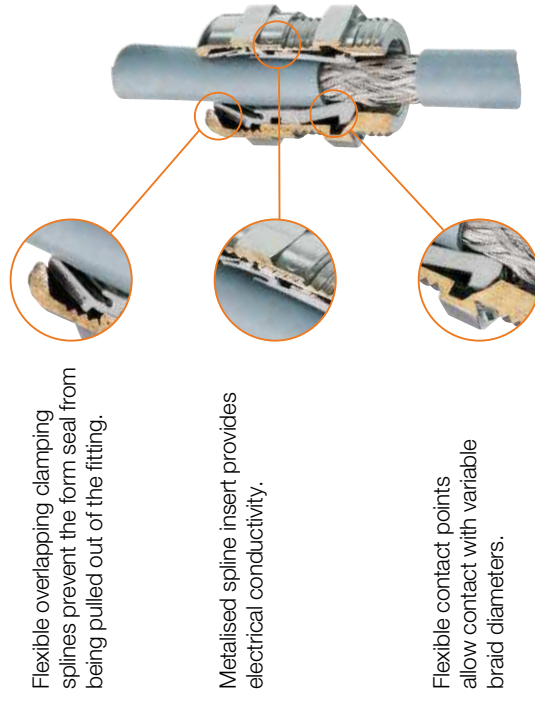


Flexible overlapping clamping splines prevent the form seal from being pulled out of the fitting.

The internal sealing edge results in a superior seal between the splined Nylon clamping insert and the nickel-plated brass body.

Patented 360° grounding. The internal O-Ring, which results in a perfect contact between braided shield of cable and fitting.

HSK-M-EMV-D



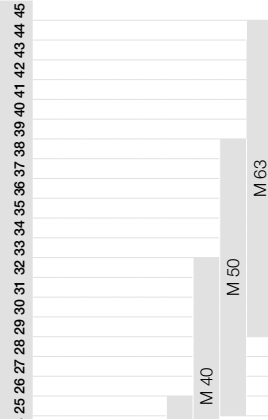
Flexible overlapping clamping splines prevent the form seal from being pulled out of the fitting.

Metalised spline insert provides electrical conductivity.

Flexible contact points allow contact with variable braid diameters.

igus® Part No.

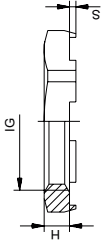
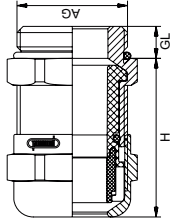
MAT01 79508
MAT01 712336
MAT01 79509
MAT01 712337
MAT01 79510
MAT01 712338
MAT01 79511
MAT01 712339
MAT01 79512
MAT01 712340
MAT01 79513
MAT01 712341
MAT01 79514
MAT01 712342
MAT01 79515
MAT01 712343



w.igus.eu/quickpin



igus Service life calculation, configuration and more information ► www.igus.eu

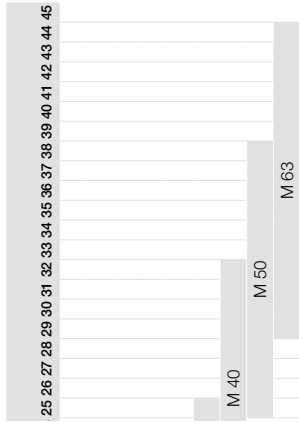


igus® Part No.
MAT0179524
MAT0179525
MAT0179526
MAT0179527
MAT0179528
MAT0179529
MAT0179530
MAT0179531

IG	H mm	S mm	Pack size	Part No.	igus® Part No.
M 12 x 1.5	2.8	15	5	1.167.1200.50	MAT0179516
M 16 x 1.5	2.8	19	5	1.167.1600.50	MAT0179517
M 20 x 1.5	3.0	24	5	1.167.2000.50	MAT0179518
M 25 x 1.5	3.5	30	5	1.167.2500.50	MAT0179519
M 32 x 1.5	4.5	36	5	1.167.3200.50	MAT0179520
M 40 x 1.5	5.0	46	5	1.167.4000.50	MAT0179521
M 50 x 1.5	5.0	60	5	1.167.5000.50	MAT0179522
M 63 x 1.5	6.0	70	5	1.167.6300.50	MAT0179523

o.z. LIN-TECH HENNLICH s.r.o.
Českolipská 9, 412 01 Litoměřice

Telefon: +420 416 711 333
E-mail: lin-tech@hennlich.cz



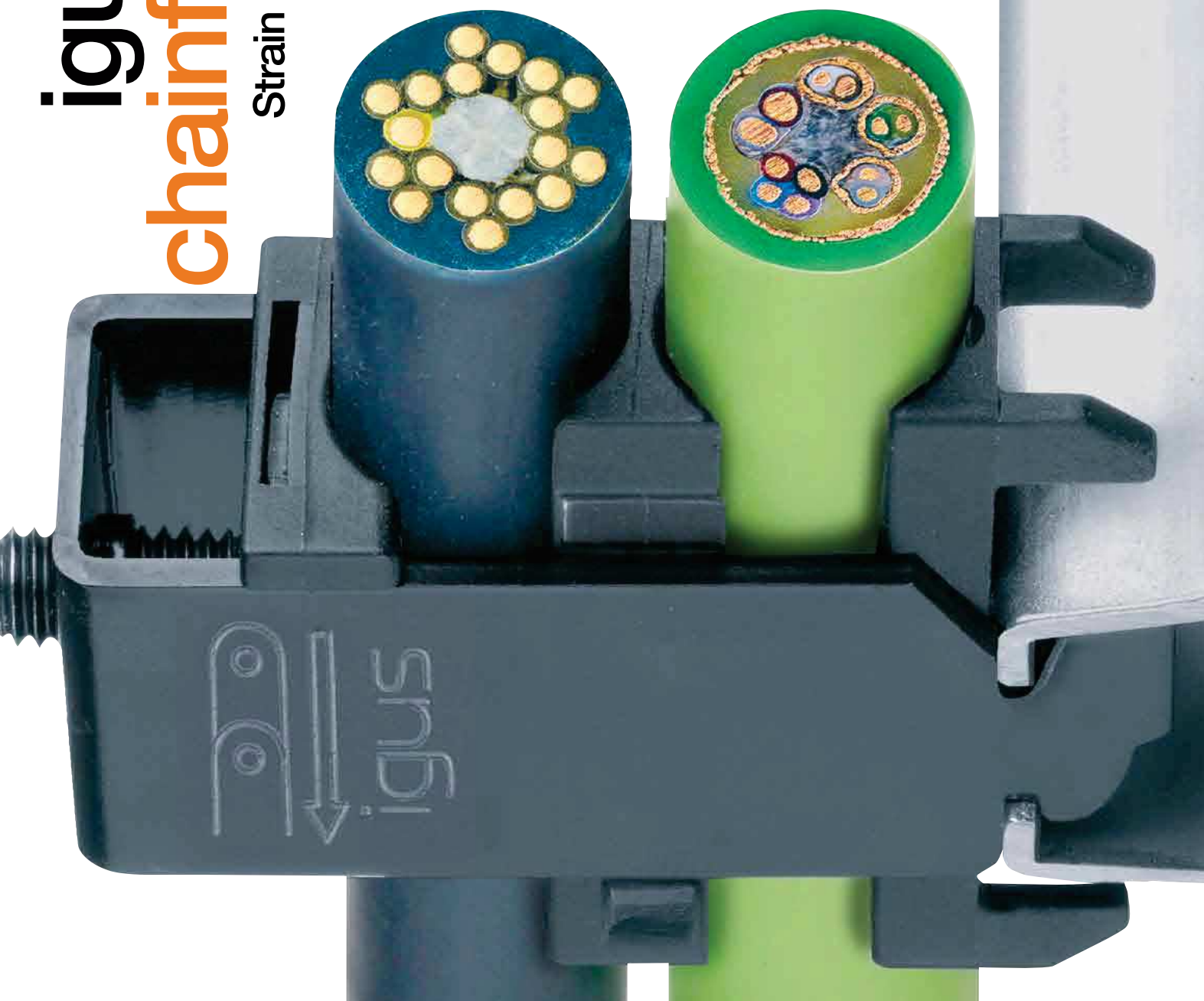
w.igus.eu/quickpin



Service life calculation, configuration and more information ► www.igus.eu

igus[®] chainfix

Strain relief



chainfix strain-relief systems | Overview

Clamps, steel or stainless steel - For maximum tensile strength ▶ Page 750



Clamps, saddles and bases

	ø [mm]
CFX* Single, double, triple standard clamps	6-42
CFXL* Single, double, triple clamps with wide base for maximum tensile forces	6-42
Clamp elements - saddles and bases	6-42
chainfix Multi-Clamps*	6-12

C-profiles ▶ Page 756



Standard C-profiles and C-profiles for heavy-duty applications

Standard C-profiles part no. CF.92.42. (to be integrated into KMAI)

C-profiles part no. CF.92.52. With increased retention force (assembly outside e-chain®)

Universal tiewrap clamps, screw or clip mounted ▶ Page 758



chainfix tiewrap plates

Option 1A: Tiewrap plates as single part "Series 2000" + cable tiewraps

Option 1B: Tiewrap plates as single part "Series 3000" + cable tiewraps

Cable tiewraps as single part max. 36

Tiewrap plates, with clip-on connection for the C-profile ▶ Page 760



chainfix tiewrap plates

Option 2: Tiewrap plates with clip-on connection for the C-profile

Option 3: Integrated strain relief for E2 e-tubes - Series R

Option 4: Tiewrap plates for fixed crossbars

Option 5: Tiewrap plates for opening crossbars

Clips - High tensile strength, modular clip-on strain relief ▶ Page 762



chainfix clips

Option 1: for all e-chains® with C-profiles and also suitable for assembly in the KMA mounting brackets

Option 2: Clip-on strain relief for opening crossbars

Option 2: Clip-on strain relief for opening crossbars 4-24

Strain relief separators - with integrated teeth ▶ Page 764



chainfix strain relief separator

Separator with integrated strain relief - for easy strain relief with cable ties

Nuggets - for top hat rail and C-profile ▶ Page 766



chainfix nuggets

Option 1: simple and universal cable fixation, for diameter with Ø 20 mm and Ø 30 mm

Option 2: Fastening through clipping onto standard top hat rail

Option 2: Fastening through clipping onto standard top hat rail ≤ 20

Strain relief blocks - special strain reliefs for hoses ▶ Page 767



Blocks

Conventional igus® blocks - strain relief for hoses

CFB polymer strain relief connector system,

for many cables in a confined space

*Standard material: galvanised steel. Also available as stainless steel-version (material stainless steel: 1.4301/AISI 304)

www.igus.eu/chainfix

igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 745

chainfix | Select your strain relief system

[illegible]

- 1) you'll find on subsequent pages
- 2) you'll find on the product page of each e-chain® series

					
for all KMA* -profile metal mounting bracket	Tiewrap plates screwed, clip-on easychain®, E2/000, E2 e-tubes, E4, E6	Clips for C-profile or clip-on E4, E6, for all KMA* with C-profile Polymer metal mounting bracket	Nuggets Strain relief nuggets For all KMAs* with C-profile, top-hat rails Polymer metal mounting bracket	Strain relief separators E2/000, E2 e-tubes, E6, T3	CFB strain relief connector system E4, E6, for all KMA* with C-profile Polymer metal mounting bracket
Standard for many applications with medium acceleration. For unsupported, gliding, hanging and standing cables. applications in general machinery and machine tools, hydraulic tools. For cables next to each other. Also available as single parts, for example for cabinets, etc.	Standard for many applications with medium acceleration. For unsupported, gliding, hanging and standing cables. applications in general machinery and machine tools, hydraulic tools. For cables next to each other. Also available as single parts, for example for cabinets, etc.	Cost-effective, space-saving strain relief for many applications with medium accelerations. For stacked cables, or cables with the same diameters.	Cost-effective, fast strain relief for simple applications with confined space requirements at medium accelerations. Also available as single parts for rigid linings, such as in cabinets, etc.	Combination of separator and strain relief, ideal for confined space requirements. For applications with medium accelerations. For smaller cable diameter. Ideal for e-tubes. For machine tools and automation.	Space-saving, modular strain relief with many cables in confined spaces. For applications with high accelerations and loads, e.g. machine tools.
For large cable diameters	For large cable diameters	Under high loads	Under high loads	Under high loads	No limitation
+	+	+ -	+ -	+	+ -
+	-	+ -	-	-	+
yes	yes	yes	yes	yes	yes (special fabrication)
1 to very high	high	medium	high	high	high to very high

3 were tightened with
wraps tightened by hand.

s.eu/chainfix

igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 749



id installation space saving
Excellent durability for dynamic applications

3 host-option
xt installation direction
ight

d preassembled strain relief

ation
stacker elements:

roves the clamp's stability
ncreases the reliability
ables within the strain relief
or heavy-duty applications
3 e-chain® -
with C-profile host-option!)

irs or same day!
chnical feasibility)

s.eu/chainfix



For the following
igus® series

E2/000
● 2400/2500/2450/2480
● 2600/2700/2650/2680
● 3400/3500/3450/3480
E4.1
● E4.32/H4.32/R4.32
● E4.42/H4.42/R4.42
● E4.56/H4.56/R4.56
● E4.80/H4.80/R4.80
E4/light
● 14040/14140/18840
● 14240/14340
● 14550/14650/19050
● 15050/15150/19850
● 15250/15350
E4/00
● 280/290/R770
● 380/390/R780
● 400/410/R880
E4/4
● 2828/2928/R7728
● 3838/3938/R7838
● 4040/4140/R8840
● 5050/5150/R9850
E6
● E6.40
● E6.52 / R6.52
● E6.62
● E6.80L
● E6.80

Installation height

If the e-chain® glides on itself for long travels, the screw heads of the strain relief at the fixed end of the e-chain® must have a distance of at least 10 mm below the top of the e-chain®. As a consequence of this, many strain relief elements described here may not be suitable for use at the fixed end on gliding e-chains®. For unsupported e-chains® these strain relief elements can be used safely.



Please note!

- The cables should ideally be fixed at both ends of the e-chain®.
- The minimum should be to be fixed at the moving end of the e-chain®.**
- When using chainfix clamps on C-profiles in the mounting bracket for the Series: E4.32/H4.32/R4.32, 280/290 R770, 2828/2928/R7728 a shortened bottom saddle must be used. For shortened bottom saddles supplement part no. with index "K" = Example: Part no. CFX12.1K



CFX - chainfix housing with reduced height

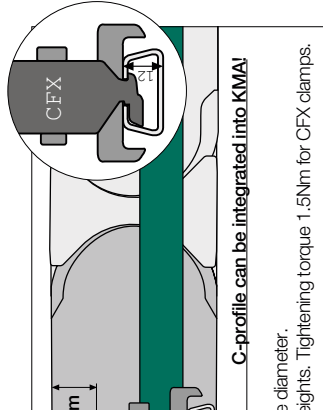


KMA mounting bracket with integrated C-profile and chainfix clamps



Save both time and space during installation of igus® chainfix clamps

igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 751



C-profile can be integrated into KMA!

3 diameter.
ights. Tightening torque 1.5Nm for CFX clamps.

ed into KMA with C-profile-option!

ø	B+2	H
[mm]	[mm]	[mm]
-26	30	67
-30	34	71
-34	38	75
-38	42	79
-42	46	83

steel: 1.4301/AISI 304

ø	B+2	H
[mm]	[mm]	[mm]
-22	26	90
-26	30	109
-30	34	117
-34	38	125

steel: 1.4301/AISI 304

ø	B+2	H
[mm]	[mm]	[mm]
-18	22	108
-20	24	114
-22	26	120

steel: 1.4301/AISI 304

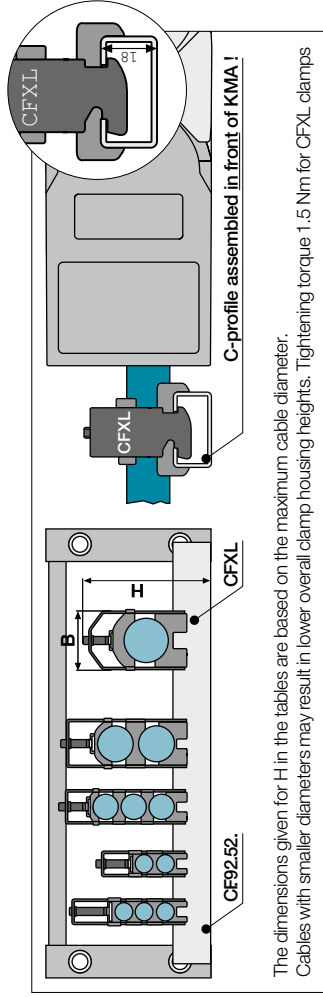
► Page 732

s.eu/chainfix

o.z. LIN-TECH HENNlich s.r.o.
Českolipská 9, 412 01 Litoměřice

Telefon: +420 416 711 333
E-mail: lin-tech@hennlich.cz

www.hennlich.cz/lin-tech



C-profile assembled in front of KMA !

The dimensions given for H in the tables are based on the maximum cable diameter.
Cables with smaller diameters may result in lower overall clamp housing heights. Tightening torque 1.5 Nm for CFXL clamps

CFXL | Clamps with wide base for increased holding power
Suitable for C-profiles CF:92.52.XX - C-profile assembled in front of KMA! NO KMA-integration!

CFXL - Single clamp housing, incl. bottom saddles

CFXL - Single clamp loading, Part no. stainless steel										
Part no. steel	Part no. stainless steel*	ø [mm]	B ⁺² [mm]	H [mm]	Part no. steel	Part no. stainless steel*	ø [mm]	B ⁺² [mm]	H [mm]	
CFXL12.1	CFXL12.1.E	06 - 12	16	60	CFXL26.1	CFXL26.1.E	22 - 26	30	73	
CFXL14.1	CFXL14.1.E	12 - 14	18	56	CFXL30.1	CFXL30.1.E	26 - 30	34	77	
CFXL16.1	CFXL16.1.E	14 - 16	20	58	CFXL34.1	CFXL34.1.E	30 - 34	38	81	
CFXL18.1	CFXL18.1.E	16 - 18	22	60	CFXL38.1	CFXL38.1.E	34 - 38	42	85	
CFXL20.1	CFXL20.1.E	18 - 20	24	62	CFXL42.1	CFXL42.1.E	38 - 42	46	89	
CFXL22.1	CFXL22.1.E	20 - 22	26	64						

*Material stainless steel: 1.4301/AISI 304

CFXL - Double clamp housing, incl. bottom and stacker saddles

Part no. steel	Part no. stainless steel*	ø [mm]	B+2 [mm]	H [mm]	Part no. steel	Part no. stainless steel*	ø [mm]	B+2 [mm]	H [mm]		
CFXL12.2	CFXL12.2.E	06	- 12	16	78	CFXL22.2	CFXL22.2.E	20	- 22	26	86
CFXL14.2	CFXL14.2.E	12	- 14	18	80	CFXL26.2	CFXL26.2.E	22	- 26	30	115
CFXL16.2	CFXL16.2.E	14	- 16	20	84	CFXL30.2	CFXL30.2.E	26	- 30	34	123
CFXL18.2	CFXL18.2.E	16	- 18	22	86	CFXL34.2	CFXL34.2.E	30	- 34	38	131
CFXL20.2	CFXL20.2.E	18	- 20	24	92						

*Material stainless steel: 1.4301/AISI 304

CFXL - Triple clamp housing, incl. bottom and stacker saddles

CFXL 12.3 - 16.3 - 18.3 - 20.3 - 22.3 - 24.3 - 26.3 - 28.3 - 30.3 - 32.3 - 34.3 - 36.3 - 38.3 - 40.3 - 42.3 - 44.3 - 46.3 - 48.3 - 50.3 - 52.3 - 54.3 - 56.3 - 58.3 - 60.3 - 62.3 - 64.3 - 66.3 - 68.3 - 70.3 - 72.3 - 74.3 - 76.3 - 78.3 - 80.3 - 82.3 - 84.3 - 86.3 - 88.3 - 90.3 - 92.3 - 94.3 - 96.3 - 98.3 - 100.3 - 102.3 - 104.3 - 106.3 - 108.3 - 110.3 - 112.3 - 114.3 - 116.3 - 118.3 - 120.3 - 122.3 - 124.3 - 126.3 - 128.3 - 130.3 - 132.3 - 134.3 - 136.3 - 138.3 - 140.3 - 142.3 - 144.3 - 146.3 - 148.3 - 150.3 - 152.3 - 154.3 - 156.3 - 158.3 - 160.3 - 162.3 - 164.3 - 166.3 - 168.3 - 170.3 - 172.3 - 174.3 - 176.3 - 178.3 - 180.3 - 182.3 - 184.3 - 186.3 - 188.3 - 190.3 - 192.3 - 194.3 - 196.3 - 198.3 - 200.3 - 202.3 - 204.3 - 206.3 - 208.3 - 210.3 - 212.3 - 214.3 - 216.3 - 218.3 - 220.3 - 222.3 - 224.3 - 226.3 - 228.3 - 230.3 - 232.3 - 234.3 - 236.3 - 238.3 - 240.3 - 242.3 - 244.3 - 246.3 - 248.3 - 250.3 - 252.3 - 254.3 - 256.3 - 258.3 - 260.3 - 262.3 - 264.3 - 266.3 - 268.3 - 270.3 - 272.3 - 274.3 - 276.3 - 278.3 - 280.3 - 282.3 - 284.3 - 286.3 - 288.3 - 290.3 - 292.3 - 294.3 - 296.3 - 298.3 - 300.3 - 302.3 - 304.3 - 306.3 - 308.3 - 310.3 - 312.3 - 314.3 - 316.3 - 318.3 - 320.3 - 322.3 - 324.3 - 326.3 - 328.3 - 330.3 - 332.3 - 334.3 - 336.3 - 338.3 - 340.3 - 342.3 - 344.3 - 346.3 - 348.3 - 350.3 - 352.3 - 354.3 - 356.3 - 358.3 - 360.3 - 362.3 - 364.3 - 366.3 - 368.3 - 370.3 - 372.3 - 374.3 - 376.3 - 378.3 - 380.3 - 382.3 - 384.3 - 386.3 - 388.3 - 390.3 - 392.3 - 394.3 - 396.3 - 398.3 - 400.3 - 402.3 - 404.3 - 406.3 - 408.3 - 410.3 - 412.3 - 414.3 - 416.3 - 418.3 - 420.3 - 422.3 - 424.3 - 426.3 - 428.3 - 430.3 - 432.3 - 434.3 - 436.3 - 438.3 - 440.3 - 442.3 - 444.3 - 446.3 - 448.3 - 450.3 - 452.3 - 454.3 - 456.3 - 458.3 - 460.3 - 462.3 - 464.3 - 466.3 - 468.3 - 470.3 - 472.3 - 474.3 - 476.3 - 478.3 - 480.3 - 482.3 - 484.3 - 486.3 - 488.3 - 490.3 - 492.3 - 494.3 - 496.3 - 498.3 - 500.3 - 502.3 - 504.3 - 506.3 - 508.3 - 510.3 - 512.3 - 514.3 - 516.3 - 518.3 - 520.3 - 522.3 - 524.3 - 526.3 - 528.3 - 530.3 - 532.3 - 534.3 - 536.3 - 538.3 - 540.3 - 542.3 - 544.3 - 546.3 - 548.3 - 550.3 - 552.3 - 554.3 - 556.3 - 558.3 - 560.3 - 562.3 - 564.3 - 566.3 - 568.3 - 570.3 - 572.3 - 574.3 - 576.3 - 578.3 - 580.3 - 582.3 - 584.3 - 586.3 - 588.3 - 590.3 - 592.3 - 594.3 - 596.3 - 598.3 - 600.3 - 602.3 - 604.3 - 606.3 - 608.3 - 610.3 - 612.3 - 614.3 - 616.3 - 618.3 - 620.3 - 622.3 - 624.3 - 626.3 - 628.3 - 630.3 - 632.3 - 634.3 - 636.3 - 638.3 - 640.3 - 642.3 - 644.3 - 646.3 - 648.3 - 650.3 - 652.3 - 654.3 - 656.3 - 658.3 - 660.3 - 662.3 - 664.3 - 666.3 - 668.3 - 670.3 - 672.3 - 674.3 - 676.3 - 678.3 - 680.3 - 682.3 - 684.3 - 686.3 - 688.3 - 690.3 - 692.3 - 694.3 - 696.3 - 698.3 - 700.3 - 702.3 - 704.3 - 706.3 - 708.3 - 710.3 - 712.3 - 714.3 - 716.3 - 718.3 - 720.3 - 722.3 - 724.3 - 726.3 - 728.3 - 730.3 - 732.3 - 734.3 - 736.3 - 738.3 - 740.3 - 742.3 - 744.3 - 746.3 - 748.3 - 750.3 - 752.3 - 754.3 - 756.3 - 758.3 - 760.3 - 762.3 - 764.3 - 766.3 - 768.3 - 770.3 - 772.3 - 774.3 - 776.3 - 778.3 - 780.3 - 782.3 - 784.3 - 786.3 - 788.3 - 790.3 - 792.3 - 794.3 - 796.3 - 798.3 - 800.3 - 802.3 - 804.3 - 806.3 - 808.3 - 810.3 - 812.3 - 814.3 - 816.3 - 818.3 - 820.3 - 822.3 - 824.3 - 826.3 - 828.3 - 830.3 - 832.3 - 834.3 - 836.3 - 838.3 - 840.3 - 842.3 - 844.3 - 846.3 - 848.3 - 850.3 - 852.3 - 854.3 - 856.3 - 858.3 - 860.3 - 862.3 - 864.3 - 866.3 - 868.3 - 870.3 - 872.3 - 874.3 - 876.3 - 878.3 - 880.3 - 882.3 - 884.3 - 886.3 - 888.3 - 890.3 - 892.3 - 894.3 - 896.3 - 898.3 - 900.3 - 902.3 - 904.3 - 906.3 - 908.3 - 910.3 - 912.3 - 914.3 - 916.3 - 918.3 - 920.3 - 922.3 - 924.3 - 926.3 - 928.3 - 930.3 - 932.3 - 934.3 - 936.3 - 938.3 - 940.3 - 942.3 - 944.3 - 946.3 - 948.3 - 950.3 - 952.3 - 954.3 - 956.3 - 958.3 - 960.3 - 962.3 - 964.3 - 966.3 - 968.3 - 970.3 - 972.3 - 974.3 - 976.3 - 978.3 - 980.3 - 982.3 - 984.3 - 986.3 - 988.3 - 990.3 - 992.3 - 994.3 - 996.3 - 998.3 - 1000.3 - 1002.3 - 1004.3 - 1006.3 - 1008.3 - 1010.3 - 1012.3 - 1014.3 - 1016.3 - 1018.3 - 1020.3 - 1022.3 - 1024.3 - 1026.3 - 1028.3 - 1030.3 - 1032.3 - 1034.3 - 1036.3 - 1038.3 - 1040.3 - 1042.3 - 1044.3 - 1046.3 - 1048.3 - 1050.3 - 1052.3 - 1054.3 - 1056.3 - 1058.3 - 1060.3 - 1062.3 - 1064.3 - 1066.3 - 1068.3 - 1070.3 - 1072.3 - 1074.3 - 1076.3 - 1078.3 - 1080.3 - 1082.3 - 1084.3 - 1086.3 - 1088.3 - 1090.3 - 1092.3 - 1094.3 - 1096.3 - 1098.3 - 1100.3 - 1102.3 - 1104.3 - 1106.3 - 1108.3 - 1110.3 - 1112.3 - 1114.3 - 1116.3 - 1118.3 - 1120.3 - 1122.3 - 1124.3 - 1126.3 - 1128.3 - 1130.3 - 1132.3 - 1134.3 - 1136.3 - 1138.3 - 1140.3 - 1142.3 - 1144.3 - 1146.3 - 1148.3 - 1150.3 - 1152.3 - 1154.3 - 1156.3 - 1158.3 - 1160.3 - 1162.3 - 1164.3 - 1166.3 - 1168.3 - 1170.3 - 1172.3 - 1174.3 - 1176.3 - 1178.3 - 1180.3 - 1182.3 - 1184.3 - 1186.3 - 1188.3 - 1190.3 - 1192.3 - 1194.3 - 1196.3 - 1198.3 - 1200.3 - 1202.3 - 1204.3 - 1206.3 - 1208.3 - 1210.3 - 1212.3 - 1214.3 - 1216.3 - 1218.3 - 1220.3 - 1222.3 - 1224.3 - 1226.3 - 1228.3 - 1230.3 - 1232.3 - 1234.3 - 1236.3 - 1238.3 - 1240.3 - 1242.3 - 1244.3 - 1246.3 - 1248.3 - 1250.3 - 1252.3 - 1254.3 - 1256.3 - 1258.3 - 1260.3 - 1262.3 - 1264.3 - 1266.3 - 1268.3 - 1270.3 - 1272.3 - 1274.3 - 1276.3 - 1278.3 - 1280.3 - 1282.3 - 1284.3 - 1286.3 - 1288.3 - 1290.3 - 1292.3 - 1294.3 - 1296.3 - 1298.3 - 1300.3 - 1302.3 - 1304.3 - 1306.3 - 1308.3 - 1310.3 - 1312.3 - 1314.3 - 1316.3 - 1318.3 - 1320.3 - 1322.3 - 1324.3 - 1326.3 - 1328.3 - 1330.3 - 1332.3 - 1334.3 - 1336.3 - 1338.3 - 1340.3 - 1342.3 - 1344.3 - 1346.3 - 1348.3 - 1350.3 - 1352.3 - 1354.3 - 1356.3 - 1358.3 - 1360.3 - 1362.3 - 1364.3 - 1366.3 - 1368.3 - 1370.3 - 1372.3 - 1374.3 - 1376.3 - 1378.3 - 1380.3 - 1382.3 - 1384.3 - 1386.3 - 1388.3 - 1390.3 - 1392.3 - 1394.3 - 1396.3 - 1398.3 - 1400.3 - 1402.3 - 1404.3 - 1406.3 - 1408.3 - 1410.3 - 1412.3 - 1414.3 - 1416.3 - 1418.3 - 1420.3 - 1422.3 - 1424.3 - 1426.3 - 1428.3 - 1430.3 - 1432.3 - 1434.3 - 1436.3 - 1438.3 - 1440.3 - 1442.3 - 1444.3 - 1446.3 - 1448.3 - 1450.3 - 1452.3 - 1454.3 - 1456.3 - 1458.3 - 1460.3 - 1462.3 - 1464.3 - 1466.3 - 1468.3 - 1470.3 - 1472.3 - 1474.3 - 1476.3 - 1478.3 - 1480.3 - 1482.3 - 1484.3 - 1486.3 - 1488.3 - 1490.3 - 1492.3 - 1494.3 - 1496.3 - 1498.3 - 1500.3 - 1502.3 - 1504.3 - 1506.3 - 1508.3 - 1510.3 - 1512.3 - 1514.3 - 1516.3 - 1518.3 - 1520.3 - 1522.3 - 1524.3 - 1526.3 - 1528.3 - 1530.3 - 1532.3 - 1534.3 - 1536.3 - 1538.3 - 1540.3 - 1542.3 - 1544.3 - 1546.3 - 1548.3 - 1550.3 - 1552.3 - 1554.3 - 1556.3 - 1558.3 - 1560.3 - 1562.3 - 1564.3 - 1566.3 - 1568.3 - 1570.3 - 1572.3 - 1574.3 - 1576.3 - 1578.3 - 1580.3 - 1582.3 - 1584.3 - 1586.3 - 1588.3 - 1590.3 - 1592.3 - 1594.3 - 1596.3 - 1598.3 - 1600.3 - 1602.3 - 1604.3 - 1606.3 - 1608.3 - 1610.3 - 1612.3 - 1614.3 - 1616.3 - 1618.3 - 1620.3 - 1622.3 - 1624.3 - 1626.3 - 1628.3 - 1630.3 - 1632.3 - 1634.3 - 1636.3 - 1638.3 - 1640.3 - 1642.3 - 1644.3 - 1646.3 - 1648.3 - 1650.3 - 1652.3 - 1654.3 - 1656.3 - 1658.3 - 1660.3 - 1662.3 - 1664.3 - 1666.3 - 1668.3 - 1670.3 - 1672.3 - 1674.3 - 1676.3 - 1678.3 - 1680.3 - 1682.3 - 1684.3 - 1686.3 - 1688.3 - 1690.3 - 1692.3 - 1694.3 - 1696.3 - 1698.3 - 1700.3 - 1702.3 - 1704.3 - 1706.3 - 1708.3 - 1710.3 - 1712.3 - 1714.3 - 1716.3 - 1718.3 - 1720.3 - 1722.3 - 1724.3 - 1726.3 - 1728.3 - 1730.3 - 1732.3 - 1734.3 - 1736.3 - 1738.3 - 1740.3 - 1742.3 - 1744.3 - 1746.3 - 1748.3 - 1750.3 - 1752.3 - 1754.3 - 1756.3 - 1758.3 - 1760.3 - 1762.3 - 1764.3 - 1766.3 - 1768.3 - 1770.3 - 1772.3 - 1774.3 - 1776.3 - 1778.3 - 1780.3 - 1782.3 - 1784.3 - 1786.3 - 1788.3 - 1790.3 - 1792.3 - 1794.3 - 1796.3 - 1798.3 - 1800.3 - 1802.3 - 1804.3 - 1806.3 - 1808.3 - 1810.3 - 1812.3 - 1814.3 - 1816.3 - 1818.3 - 1820.3 - 1822.3 - 1824.3 - 1826.3 - 1828.3 - 1830.3 - 1832.3 - 1834.3 - 1836.3 - 1838.3 - 1840.3 - 1842.3 - 1844.3 - 1846.3 - 1848.3 - 1850.3 - 1852.3 - 1854.3 - 1856.3 - 1858.3 - 1860.3 - 1862.3 - 1864.3 - 1866.3 - 1868.3 - 1870.3 - 1872.3 - 1874.3 - 1876.3 - 1878.3 - 1880.3 - 1882.3 - 1884.3 - 1886.3 - 1888.3 - 1890.3 - 1892.3 - 1894.3 - 1896.3 - 1898.3 - 1900.3 - 1902.3 - 1904.3 - 1906.3 - 1908.3 - 1910.3 - 1912.3 - 1914.3 - 1916.3 - 1918.3 - 1920.3 - 1922.3 - 1924.3 - 1926.3 - 1928.3 - 1930.3 - 1932.3 - 1934.3 - 1936.3 - 1938.3 - 1940.3 - 1942.3 - 1944.3 - 1946.3 - 1948.3 - 1950.3 - 1952.3 - 1954.3 - 1956.3 - 1958.3 - 1960.3 - 1962.3 - 1964.3 - 1966.3 - 1968.3 - 1970.3 - 1972.3 - 1974.3 - 1976.3 - 1978.3 - 1980.3 - 1982.3 - 1984.3 - 1986.3 - 1988.3 - 1990.3 - 1992.3 - 1994.3 - 1996.3 - 1998.3 - 2000.3 - 2002.3 - 2004.3 - 2006.3 - 2008.3 - 2010.3 - 2012.3 - 2014.3 - 2016.3 - 2018.3 - 2020.3 - 2022.3 - 2024.3 - 2026.3 - 2028.3 - 2030.3 - 2032.3 - 2034.3 - 2036.3 - 2038.3 - 2040.3 - 2042.3 - 2044.3 - 2046.3 - 2048.3 - 2050.3 - 2052.3 - 2054.3 - 2056.3 - 2058.3 - 2060.3 - 2062.3 - 2064.3 - 2066.3 - 2068.3 - 2070.3 - 2072.3 - 2074.3 - 2076.3 - 2078.3 - 2080.3 - 2082.3 - 2084.3 - 2086.3 - 2088.3 - 2090.3 - 2092.3 - 2094.3 - 2096.3 - 2098.3 - 2100.3 - 2102.3 - 2104.3 - 2106.3 - 2108.3 - 2110.3 - 2112.3 - 2114.3 - 2116.3 - 2118.3 - 2120.3 - 2122.3 - 2124.3 - 2126.3 - 2128.3 - 2130.3 - 2132.3 - 2134.3 - 2136.3 - 2138.3 - 2140.3 - 2142.3 - 2144.3 - 2146.3 - 2148.3 - 2150.3 - 2152.3 - 2154.3 - 2156.3 - 2158.3 - 2160.3 - 2162.3 - 2164.3 - 2166.3 - 2168.3 - 2170.3 - 2172.3 - 2174.3 - 2176.3 - 2178.3 - 2180.3 - 2182.3 - 2184.3 - 2186.3 - 2188.3 - 2190.3 - 2192.3 - 2194.3 - 2196.3 - 2198.3 - 2200.3 - 2202.3 - 2204.3 - 2206.3 - 2208.3 - 2210.3 - 2212.3 - 2214.3 - 2216.3 - 2218.3 - 2220.3 - 2222.3 - 2224.3 - 2226.3 - 2228.3 - 2230.3 - 2232.3 - 2234.3 - 2236.3 - 2238.3 - 2240.3 - 2242.3 - 2244.3 - 2246.3 - 2248.3 - 2250.3 - 2252.3 - 2254.3 - 2256.3 - 2258.3 - 2260.3 - 2262.3 - 2264.3 - 2266.3 - 2268.3 - 2270.3 - 2272.3 - 2274.3 - 2276.3 - 2278.3 - 2280.3 - 2282.3 - 2284.3 - 2286.3 - 2288.3 - 2290.3 - 2292.3 - 2294.3 - 2296.3 - 2298.3 - 2300.3 - 2302.3 - 2304.3 - 2306.3 - 2308.3 - 2310.3 - 2312.3 - 2314.3 - 2316.3 - 2318.3 - 2320.3 - 2322.3 - 2324.3 - 2326.3 - 2328.3 - 2330.3 - 2332.3 - 2334.3 - 2336.3 - 2338.3 - 2340.3 - 2342.3 - 2344.3 - 2346.3 - 2348.3 - 2350.3 - 2352.3 - 2354.3 - 2356.3 - 2358.3 - 2360.3 - 2362.3 - 2364.3 - 2366.3 - 2368.3 - 2370.3 - 2372.3 - 2374.3 - 2376.3 - 2378.3 - 2380.3 - 2382.3 - 2384.3 - 2386.3 - 2388.3 - 2390.3 - 2392.3 - 2394.3 - 2396.3 - 2398.3 - 2400.3 - 2402.3 - 2404.3 - 2406.3 - 2408.3 - 2410.3 - 2412.3 - 2414.3 - 2416.3 - 2418.3 - 2420.3 - 2422.3 - 2424.3 - 2426.3 - 2428.3 - 2430.3 - 2432.3 - 2434.3 - 2436.3 - 2438.3 - 2440.3 - 2442.3 - 2444.3 - 2446.3 - 2448.3 - 2450.3 - 2452.3 - 2454.3 - 2456.3 - 2458.3 - 2460.3 - 2462.3 - 2464.3 - 2466.3 - 2468.3 - 2470.3 - 2472.3 - 2474.3 - 2476.3 - 2478.3 - 2480.3 - 2482.3 - 2484.3 - 2486.3 - 2488.3 - 2490.3 - 2492.3 - 2494.3 - 2496.3 - 2498.3 - 2500.3 - 2502.3 - 2504.3 - 2506.3 - 2508.3 - 2510.3 - 2512.3 - 2514.3 - 2516.3 - 2518.3 - 2520.3 - 2522.3 - 2524.3 - 2526.3 - 2528.3 - 2530.3 - 2532.3 - 2534.3 - 2536.3 - 2538.3 - 2540.3 - 2542.3 - 2544.3 - 2546.3 - 2548.3 - 2550.3 - 2552.3 - 2554.3 - 2556.3 - 2558.3 - 2560.3 - 2562.3 - 2564.3 - 2566.3 - 2568.3 - 2570.3 - 2572.3 - 2574.3 - 2576.3 - 2578.3 - 2580.3 - 2582.3 - 2584.3 - 2586.3 - 2588.3 - 2590.3 - 2592.3 - 2594.3 - 2596.3 - 2598.3 - 2600.3 - 2602.3 - 2604.3 - 2606.3 - 2608.3 - 2610.3 - 2612.3 - 2614.3 - 2616.3 - 2618.3 - 2620.3 - 2622.3 - 2624.3 - 2626.3 - 2628.3 - 2630.3 - 2632.3 - 2634.3 - 2636.3 - 2638.3 - 2640.3 - 2642.3 - 2644.3 - 2646.3 - 2648.3 - 2650.3 - 2652.3 - 2654.3 - 2656.3 - 2658.3 - 2660.3 - 2662.3 - 2664.3 - 2666.3 - 2668.3 - 2670.3 - 2672.3 - 2674.3 - 2676.3 - 2678.3 - 2680.3 - 2682.3 - 2684.3 - 2686.3 - 2688.3 - 2690.3 - 2692.3 - 2694.3 - 2696.3 - 2698.3 - 2700.3 - 2702.3 - 2704.3 - 2706.3 - 2708.3 - 2710.3 - 2712.3 - 2714.3 - 2716.3 - 2718.3 - 2720.3 - 2722.3 - 2724.3 - 2726.3 - 2728.3 - 2730.3 - 2732.3 - 2734.3 - 2736.3 - 2738.3 - 2740.3 - 2742.3 - 2744.3 - 2746.3 - 2748.3 - 2750.3 - 2752.3 - 2754.3 - 2756.3 - 2758.3 - 2760.3 - 2762.3 - 2764.3 - 2766.3 - 2768.3 - 2770.3 - 2772.3 - 2774.3 - 2776.3 - 2778.3 - 2780.3 - 2782.3 - 2784.3 - 2786.3 - 2788.3 - 2790.3 - 2792.3 - 2794.3 - 2796.3 - 2798.3 - 2800.3 - 2802.3 - 2804.3 - 2806.3 - 2808.3 - 2810.3 - 2812.3 - 2814.3 - 2816.3 - 2818.3 - 2820.3 - 2822.3 - 2824.3 - 2826.3 - 2828.3 - 2830.3 - 2832.3 - 2834.3 - 2836.3 - 2838.3 - 2840.3 - 2842.3 - 2844.3 - 2846.3 - 2848.3 - 2850.3 - 2852.3 - 2854.3 - 2856.3 - 2858.3 - 2860.3 - 2862.3 - 2864.3 - 2866.3 - 2868.3 - 2870.3 - 2872.3 - 2874.3 - 2876.3 - 2878.3 - 2880.3 - 2882.3 - 2884.3 - 2886.3 - 2888.3 - 2890.3 - 2892.3 - 2894.3 - 2896.3 - 2898.3 - 2900.3 - 2902.3 - 2904.3 - 2906.3 - 2908.3 - 2910.3 - 2912.3 - 2914.3 - 2916.3 - 2918.3 - 2920.3 - 2922.3 - 2924.3 - 2926.3 - 2928.3 - 2930.3 - 2932.3 - 2934.3 - 2936.3 - 2938.3 - 2940.3 - 2942.3 - 2944.3 - 2946.3 - 2948.3 - 2950.3 - 2952.3 - 2954.3 - 2956.3 - 2958.3 - 2960.3 - 2962.3 - 2964.3 - 2966.3 - 2968.3 - 2970.3 - 2972.3 - 2974.3 - 2976.3 - 2978.3 - 2980.3 - 2982.3 - 2984.3 - 2986.3 - 2988.3 - 2990.3 - 2992.3 - 2994.3 - 2996.3 - 2998.3 - 3000.3 - 3002.3 - 3004.3 - 3006.3 - 3008.3 - 3010.3 - 3012.3 - 3014.3 - 3016.3 - 3018.3 - 3020.3 - 3022.3 - 3024.3 - 3026.3 - 3028.3 - 3030.3 - 3032.3 - 3034.3 - 3036.3 - 3038.3 - 3040.3 - 3042.3 - 3044.3 - 3046.3 - 3048.3 - 3050.3 - 3052.3 - 3054.3 - 3056.3 - 3058.3 - 3060.3 - 3062.3 - 3064.3 - 3066.3 - 3068.3 - 3070.3 - 3072.3 - 3074.3 - 3076.3 - 3078.3 - 3080.3 - 3082.3 - 3084.3 - 3086.3 - 3088.3 - 3090.3 - 3092.3 - 3094.3 - 3096.3 - 3098.3 - 3100.3 - 3102.3 - 3104.3 - 3106.3 - 3108.3 - 3110.3 - 3112.3 - 3114.3 - 3116.3 - 3118.3 - 3120.3 - 3122.3 - 3124.3 - 3126.3 - 3128.3 - 3130.3 - 3132.3 - 3134.3 - 3136.3 - 3138.3 - 3140.3 - 3142.3 - 3144.3 - 3146.3 - 3148.3 - 3150.3 - 3152.3 - 3154.3 - 3156.3 - 3158.3 - 3160.3 - 3162.3 - 3164.3 - 3166.3 - 3168.3 - 3170.3 - 3172.3 - 3174.3 - 3176.3 - 3178.3 - 3180.3 - 3182.3 - 3184.3 - 3186.3 - 3188.3 - 3190.3 - 3192.3 - 3194.3 - 3196.3 - 3198.3 - 3200.3 - 3202.3 - 3204.3 - 3206.3 - 3208.3 - 3210.3 - 3212.3 - 3214.3 - 3216.3 - 3218.3 - 3220.3 - 3222.3 - 3224.3 - 3226.3 - 3228.3 - 3230.3 - 3232.3 - 3234.3 - 3236.3 - 3238.3 - 324										
---	--	--	--	--	--	--	--	--	--	--



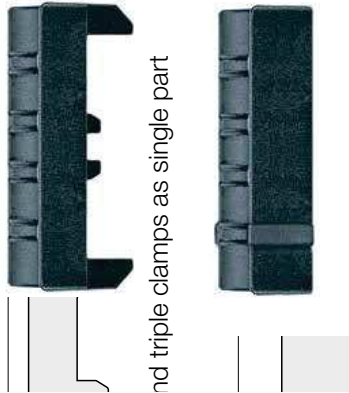
Suitable C-profiles for CFXL clamps part no. CF:92.52. ► Page 732

igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 753



single part

single part



triple clamps as single part

clamps as single part



Part no.	CDXX bottom saddle	CDXX stacker saddle	CD.XX.C stacker saddle	Cable Ø [mm]
26.X	CG26	CD26	CD.26.C*	22 - 26
30.X	CG30	CD30	CD.30.C*	26 - 30
34.X	CG34	CD34	CD.34.C*	30 - 34
38.X	CG38	-	-	34 - 38
42.X	CG42	-	-	38 - 42

*Bracket for Series E4.32/H4.32/R4.32, 280/290/
used. For shortened bottom saddles supplement

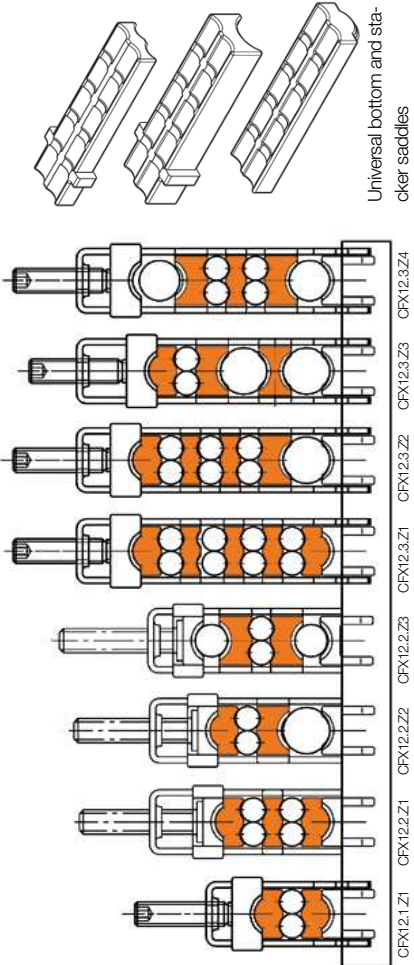
s.eu/chainfix

Characteristics of igus® chainfix multi-clamps

- Now more flexible options of the proven chainfix strain relief elements with more components
- Universal strain relief – more assembly options
- Saves both time and space during installation
- Compact and modular
- For small outer diameters
- Cost-effective



CFX12 | Multi-clamps, universal strain relief



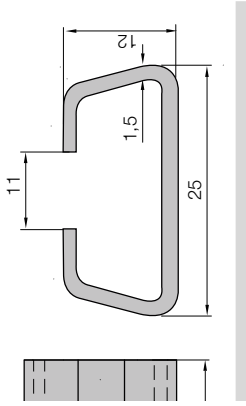
Part no. series	CFX12.1.Z1	CFX12.2.Z1	CFX12.2.Z2	CFX12.2.Z3	CFX12.3.Z1	CFX12.3.Z2	CFX12.3.Z3	CFX12.3.Z4	Part no. stacker saddles - single parts	For cables Ø max. [mm]
CFX12.1.Z1	X (2-piece)	-	-	-	-	-	-	-	-	6
CFX12.2.Z1	X (2-piece)	X (1-piece)	-	-	-	-	-	-	-	6
CFX12.2.Z2	X (1-piece)	-	-	-	X (1-piece)	-	-	-	X (1-piece)	6 + 12
CFX12.2.Z3	-	-	-	-	-	X (2-piece)	-	-	X (2-piece)	6 + 8
CFX12.3.Z1	X (2-piece)	X (3-piece)	-	-	-	-	-	-	-	6
CFX12.3.Z2	X (1-piece)	X (2-piece)	-	-	X (1-piece)	-	-	-	X (1-piece)	6 + 12
CFX12.3.Z3	X (1-piece)	-	-	-	-	X (1-piece)	-	-	X (1-piece)	6 + 12
CFX12.3.Z4	-	X (1-piece)	-	-	-	X (2-piece)	-	-	-	6 + 10

Standard material: galvanised steel. For the stainless steel version (material 1.4301/AISI 304) supplement part no. with Index
"E" = example: part no. CFX-12.3.Z1.E

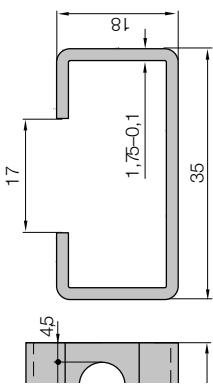
igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 755



lard applications



g power for tough applications



same day!
easibility)

s.eu/chainfix



igus® tensile strength test with CFX clamps

igus® strain relief devices are tested under real conditions, taking various parameters into account

Whether under the influence of fluids like water or oil, or at different ambient temperatures. The interaction of chainfix systems with different jacket materials of cables and hoses of course plays a big role in the in-house tests. **Detailed information about the tests: chainfix strain relief parameter overview ► Page 724**



igus® test: Comparison of three different strain reliefs - Result: Triple tensile strength of igus® chainfix clamps compared to conventional products.



Tensile strength tests with chainflex® cables



Tensile strength tests of igus® clamps with cable tie wraps



profile



For all mounting
brackets with C-profile!

**HENNlich -
ŽIJEME TECHNIKOU**

o.z. LIN-TECH HENNlich s.r.o.
Českolipská 9, 412 01 Litoměřice

Telefon: +420 416 711 333
E-mail: lin-tech@hennlich.cz

www.hennlich.cz/lin-tech



s R



For the following
igus® series
► See table

ies

same day!
easibility)

s.eu/chainfix



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)

igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 761

Characteristics of igus® chainfix tiewrap plates

- Option 4: For fixed crossbars or option 5: For opening crossbars**
- Can be clipped onto fixed and opening crossbars
 - In case of many harnessed cables
 - Dual level strain relief
 - If the KMA is too small for the C-profile
 - Easy to assemble without any screws
 - Accessory for igus® e-chain systems®



Option 4 | Tiewrap plate for fixed crossbars



For the following
igus® series
► See table

Part no.	Width [mm]	Number of teeth	For series
2050.Z	60	6	E/Z200, 2400/2500, 2600/2700
3050.Z	50	5	3400/3500
3075.Z	74	7	3400/3500

Option 5 | Tiewrap plate for opening crossbars



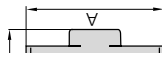
For the following
igus® series
► See table

Part no.	Width [mm]	Number of teeth	For series
2050.Z	60	6	E4/H4/R4.28, 220, 2650
3035.ZS	35	3	3400/3500
3050.ZS	50	5	3400/3500
3075.ZS	75	7	3400/3500
3850.ZS	48	5	E4/H4/R4.32, E4/H4/R4.42, 280/290/R770, 380/390/R780,2828/2928/R7728, 3838/3938/R7838, 14240/14340, 15250/15350, E6.52, E6.62
4550.ZS	48	5	E4/H4/R4.56, E4/H4/R4.80, 400/410/R880, 4040/4140/R8840, 5050/5150/R9850, 14040/14140/18840,14550/14650/19050, 15050/15150/19850, E6.80L, E6.80, 1640/1608
4575.ZS	74	7	E4/H4/R4.56, E4/H4/R4.80, 400/410/R880, 4040/4140/R8840, 5050/5150/R9850, 14040/14140/18840, 14550/14650/19050, 15050/15150/19850, E6.80L, E6.80,1640/1608

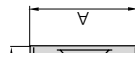


For all mounting
brackets with C-profile!

Dim. E [mm]
30
36
42
45
50



Dim. E [mm]
24
28
32
36
39



same day!
easibility)

s.eu/chainfix

**HENNlich -
ŽIJEME TECHNIKOU**

o.z. LIN-TECH HENNlich s.r.o.
Českolipská 9, 412 01 Litoměřice

Telefon: +420 416 711 333
E-mail: lin-tech@hennlich.cz

www.hennlich.cz/lin-tech

Characteristics of igus® chainfix clips

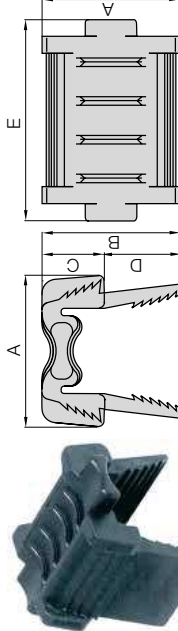
- **Option 2: Clip-on strain relief for opening crossbars**
- Available for all igus® e-chains® with opening crossbars Part no. 450.XX.
- Polymer, for cable diameters from 8 mm to 12 mm
- Quick assembly without any tools
- 2 to 3 layers on top of one another possible
- Each layer can be detached and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



Option 2 | Clip-on strain relief for opening crossbars

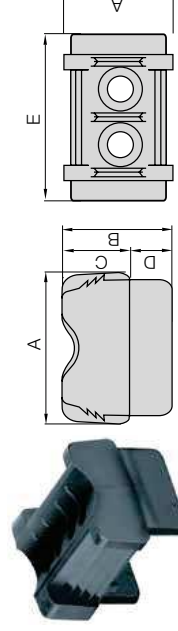
Clamp - Part no. CFC-XX-M

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



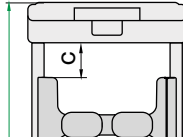
Available from stock. **Delivery time* from 24 hrs or same day!**

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

igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 763



 For the following
igus® series



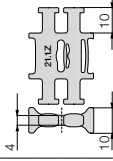
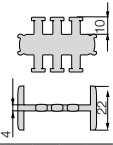
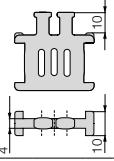
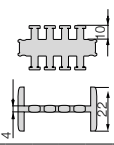
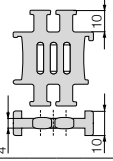
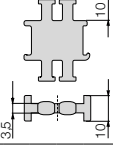
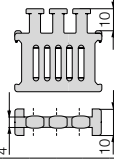
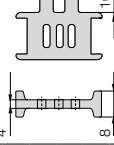
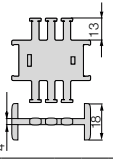
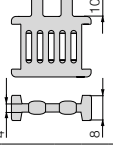
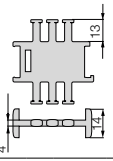
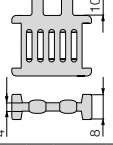
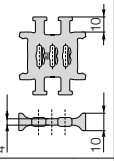
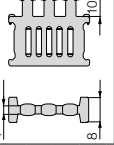
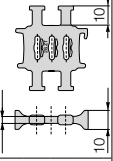
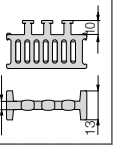
Dim. C	Dim. D
[mm]	[mm]
—	6
—	6
—	6
—	6
—	14
—	10
—	18
—	18
10	6.5
1	4
—	6
15	6
1	4
1	4
—	8

Chainfix strain relief separators are available in a wide range of sizes and materials. For an easy installation, the strain relief is designed to be assembled on-chain®.

same day!
availability

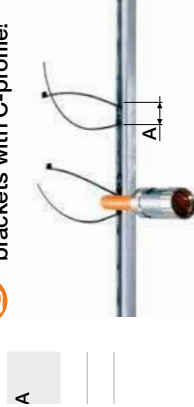
www.chainfix.eu

Strain relief separators | Product range overview

			R157/R158 E2 e-tubes unassembled 1585.01.Z assembled 1586.01.Z
			R167/R168 E2 e-tubes unassembled 1685.01.Z assembled 1686.01.Z
			R48 E2 e-tubes unassembled 481.ZR assembled 482.ZR
			E4.21 E4.1 e-chains® unassembled T2103.Z assembled T2113.Z
			T3.29 T3 e-chains® unassembled E6.29.02.Z assembled E6.29.12.Z
			E6.29/E61.29 E6/E6.1 e-chains® unassembled E6.29.02.Z assembled E6.29.12.Z
			E6.35 E6 e-chains® unassembled E6.35.02.Z assembled E6.35.12.Z
			E6.40 E6 e-chains® unassembled E6.40.02.Z assembled E6.40.12.Z



For all mounting
brackets with C-profile!



**HENNLICH -
ŽIJEME TECHNIKOU**

o.z. LIN-TECH HENNLICH s.r.o.
Českolipská 9, 412 01 Litoměřice

Telefon: +420 416 711 333
E-mail: lin-tech@hennlich.cz

www.hennlich.cz/lin-tech

same day!
easibility)

s.eu/chainfix

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



Please contact us!

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



- 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 countersunk 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.



Delivery time upon request, customer-specific fabrication!

igus® | Phone +49 2203 9649-800 Fax +49 2203 9649-222 | sales@igus.eu | www.chainflex.eu 767