

CELO

● **Beam fixings**



The complete beam fixings range

How to quickly and securely mount clamps on to metal beams

The why



Safe mounting

Our beam clips and clamps enable a secure installation of pipes, cables, support systems and more on steel beams.



No drilling or welding

Our fixing solutions for beam flanges do not cause weakening or deformation of the steel beam during installation.



Avoid metal splinters and heavy equipment

Our beam fixings are simply hammered onto the flange or fastened with a pre-assembled screw.

Save time with beam fixings



“Small Things Matter”

CELO Fixings stands for fastening solutions that save time during assembly.

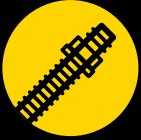
Simply hammer-on the beam fixing or secure it with the pre-assembled screw.

In combination with threaded rods, cable ties, ropes and hooks, CELO's extensive range of beam fixings offers a quick assembly solution for a wide variety of applications in the electrical and HVAC sectors.

Further information on our website: www.celofixings.com

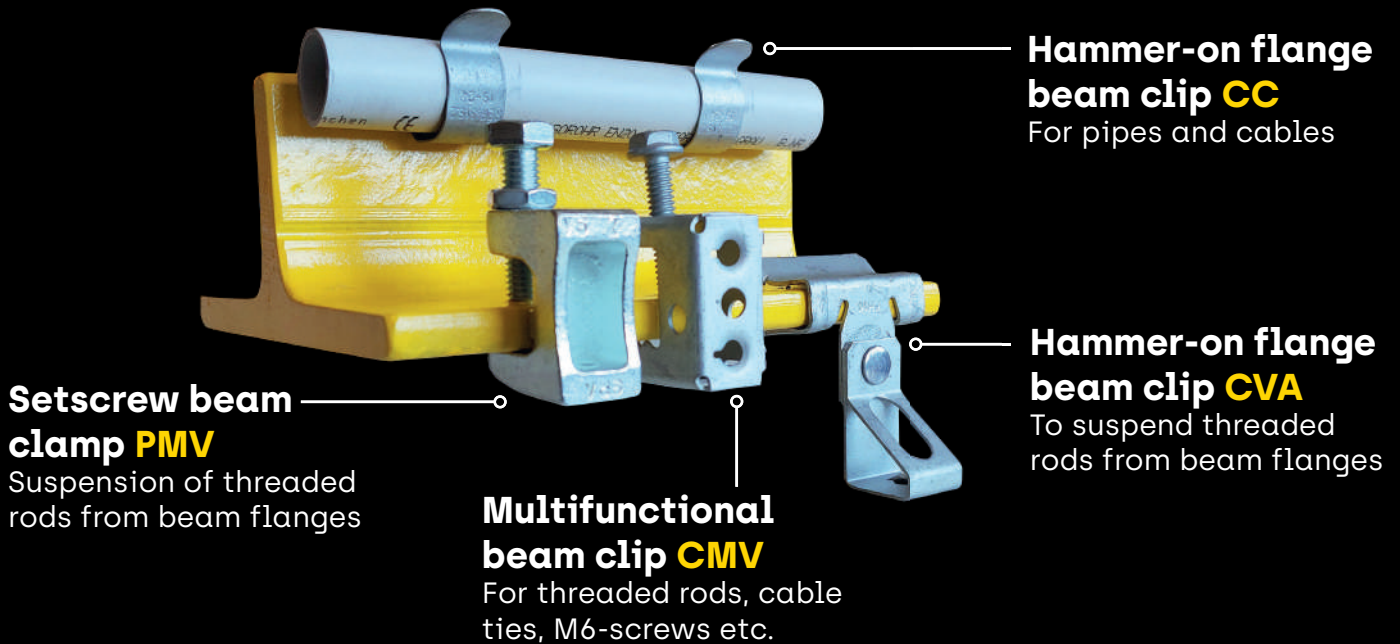
Complete assortment

Beam fixings from CELO



For use with threaded rods

see threaded rods on page 18



For use with wires, hooks, cable ties and clamps

see cable ties and clamps from page 18



Hammer-on flange beam clip **CAL**

For hanging wires, S-hooks or chains



Assortment

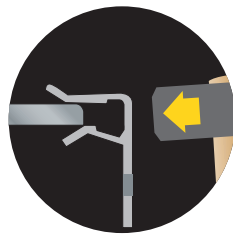


CAL,
spring steel, zinc flake coated

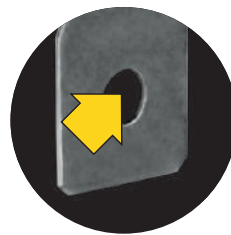
Advantages



Fast and stable fixing system to metal beams



No drilling or welding required as the clamp is simply hammered onto the flange



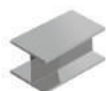
6,3 mm hole to insert wires, cable ties, S- shape hooks or bolts



Zinc flake coating for indoor, outdoor, humid and corrosive environments, resistant to corrosion in salt water mist for up to 480 hours (DIN 50021)

Suitable building materials

Very suitable

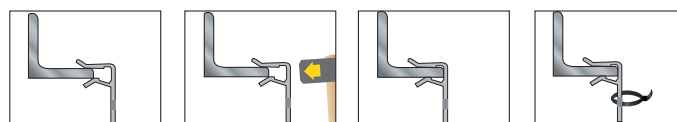
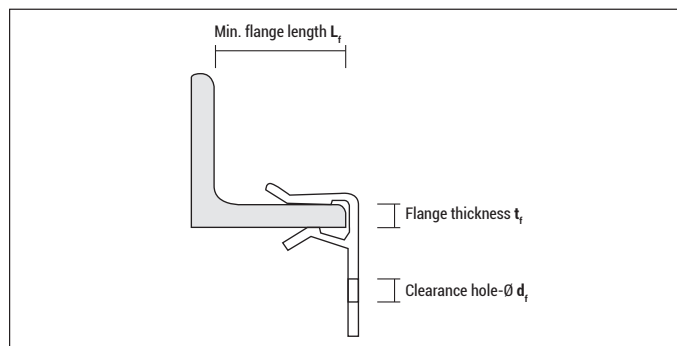


- Steel beams

Approvals and certificates



Mounting



CAL, zinc flake coating

Type	Art-No	$L_f \geq$ [mm]	t_f [mm]	d_f [mm]	[pcs]	[pcs]
CAL 1,5-4	915463CAL	18	1,5 - 4	6,3	100	1.800
CAL 4,0-10	941063CAL	25	4 - 10	6,3	100	600
CAL 10-15	9101563CAL	25	10 - 15	6,3	100	600
CAL 15-20	9152063CAL	25	15 - 20	6,3	100	600

Loads and installation parameters

Type	Recommended loads [kN]
CAL 1,5-4	0,7
CAL 4,0-10	0,9
CAL 10-15	0,9
CAL 15-20	0,9

Recommended load with safety factor ($\mu = 3$).

The loads shown are based on the static limit on vertical installation.

Hammer-on flange beam clip **CBR**

To install cables and pipes using cable ties



Assortment

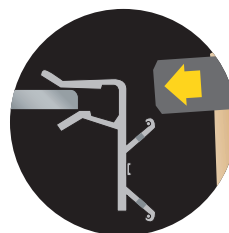


CBR, spring steel, zinc flake coated

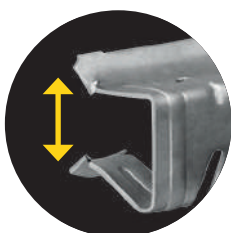
Advantages



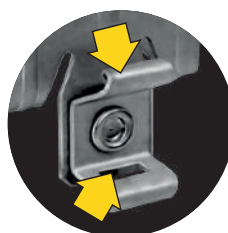
Fast and stable fixing system to metal beams



No drilling or welding required as the clamp is simply hammered onto the flange



Wide range covers most flange thicknesses



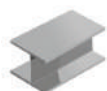
Two 3x10 mm clearance holes for easy insertion of cable ties to secure pipes



Zinc flake coating for indoor, outdoor, humid and corrosive environments, resistant to corrosion in salt water mist for up to 480 hours [DIN 50021]

Suitable building materials

Very suitable

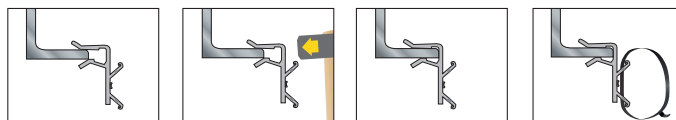
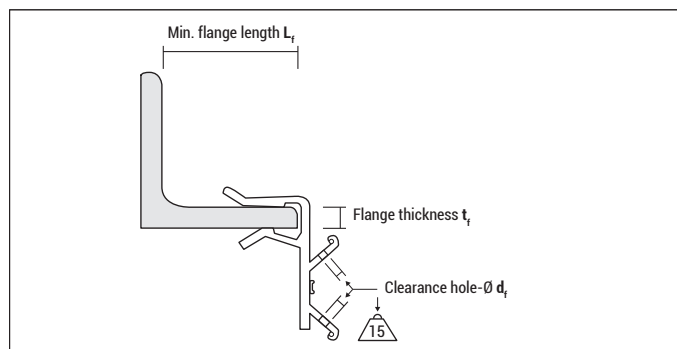


- Steel beams

Approvals and certificates



Mounting



CBR, zinc flake coating

Type	Art-No	$L_f \geq$ [mm]	t_f [mm]	d_f Length x Width [mm]	[pcs]	[pcs]
CBR 1,5-4	9154CBR	18	1,5 - 4	3 x 10	100	600
CBR 4,0-10	9410CBR	25	4 - 10	3 x 10	100	600
CBR 10-15	91015CBR	25	10 - 15	3 x 10	100	900
CBR 15-20	91520CBR	25	15 - 20	3 x 10	100	600

Loads and installation parameters

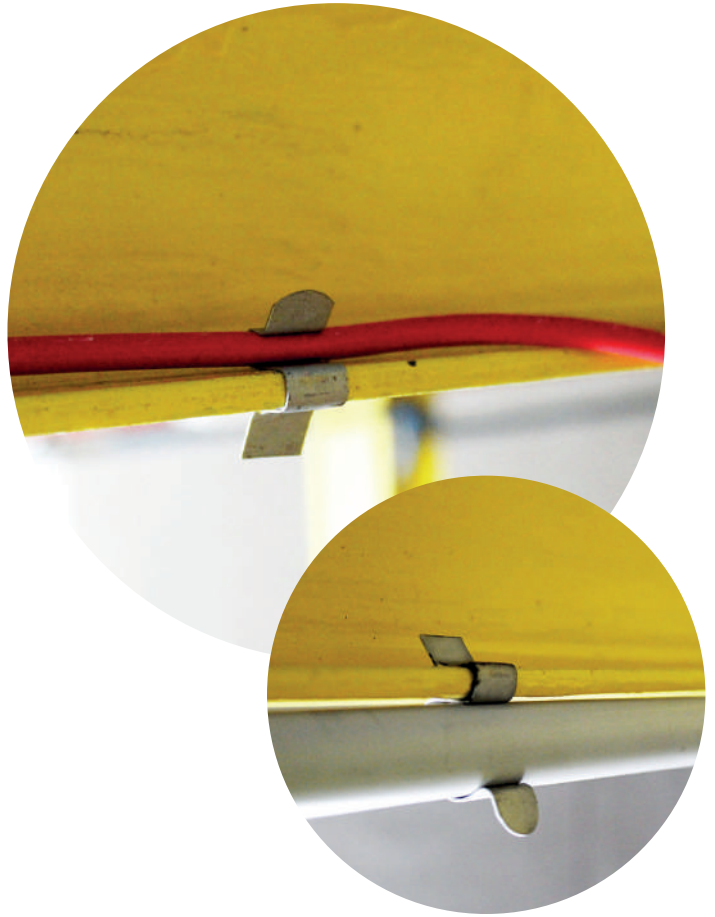
Type	Recommended loads [kN]
CBR 1,5-4	0,15
CBR 4,0-10	0,15
CBR 10-15	0,15
CBR 15-20	0,15

Recommended load with safety factor ($\mu = 3$).

The loads shown are based on the static limit on vertical installation.

Hammer-on flange beam clip CC

For pipes and cables



Assortment

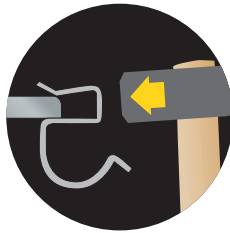


CC,
spring steel, zinc flake coated

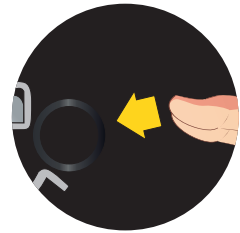
Advantages



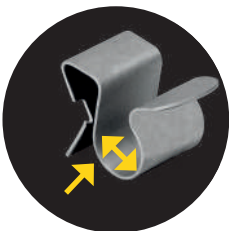
Fast and stable fastening system for metal beams



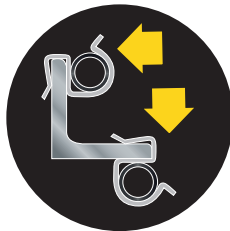
No drilling or welding required as the clamp is simply hammered onto the flange



Quick clip-in of conduits or cables - no additional tools needed



Wide range covers most flange thicknesses as well as pipe diameters



Flexible positioning on flange or bar



Zinc flake coating for indoor, outdoor, humid and corrosive environments, resistant to corrosion in salt water mist for up to 480 hours [DIN 50021]

Suitable building materials

Very suitable

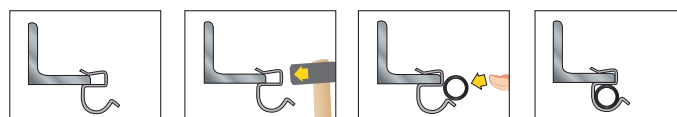
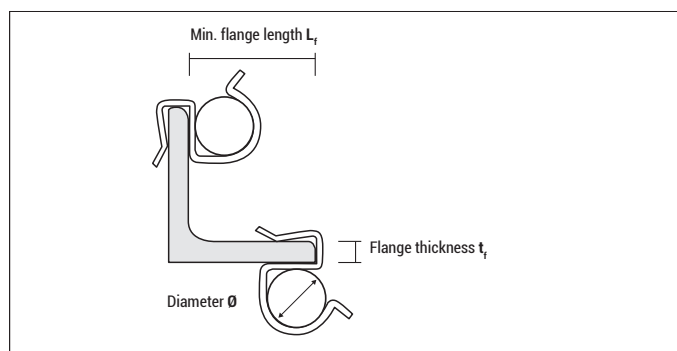


- Steel beams

Approvals and certificates



Mounting



CC, zinc flake coating

Type	Art-No	$L_f \geq$ [mm]	t_f [mm]	\emptyset [mm]	[pcs]	[pcs]
CC 1,0-4,0, Ø6-7	947CC	18	1 - 4	6 - 7	100	1.800
CC 1,0-4,0, Ø8-9	949CC	18	1 - 4	8 - 9	100	1.800
CC 1,0-4,0, Ø10-11	9411CC	18	1 - 4	10 - 11	100	1.800
CC 1,0-4,0, Ø12-14	9414CC	18	1 - 4	12 - 14	100	1.800
CC 1,0-4,0, Ø15-18	9418CC	18	1 - 4	15 - 18	100	1.800
CC 1,0-4,0, Ø19-24	9424CC	18	1 - 4	19 - 24	100	900
CC 1,0-4,0, Ø25-30	9430CC	18	1 - 4	25 - 30	100	900
CC 4,0-7,5, Ø6-7	9757CC	25	4 - 7,5	6 - 7	100	1.800
CC 4,0-7,5, Ø8-9	9759CC	25	4 - 7,5	8 - 9	100	1.800
CC 4,0-7,5, Ø10-11	97511CC	25	4 - 7,5	10 - 11	100	1.800
CC 4,0-7,5, Ø12-14	97514CC	25	4 - 7,5	12 - 14	100	1.800
CC 4,0-7,5, Ø15-18	97518CC	25	4 - 7,5	15 - 18	100	900
CC 4,0-7,5, Ø19-24	97524CC	25	4 - 7,5	19 - 24	100	900
CC 4,0-7,5, Ø25-30	97530CC	25	4 - 7,5	25 - 30	100	900
CC 7,2-12,0, Ø6-7	9127CC	25	7,2 - 12	6 - 7	100	1.800
CC 7,2-12,0, Ø8-9	9129CC	25	7,2 - 12	8 - 9	100	1.800
CC 7,2-12,0, Ø10-11	91211CC	25	7,2 - 12	10 - 11	100	900
CC 7,2-12,0, Ø12-14	91214CC	25	7,2 - 12	12 - 14	100	900
CC 7,2-12,0, Ø15-18	91218CC	25	7,2 - 12	15 - 18	100	900
CC 7,2-12,0, Ø19-24	91224CC	25	7,2 - 12	19 - 24	100	900
CC 7,2-12,0, Ø25-30	91230CC	25	7,2 - 12	25 - 30	100	900

Hammer-on flange beam clip **CVA**

To suspend threaded rods from beam flanges



Assortment



CVA,
spring steel, zinc flake coated

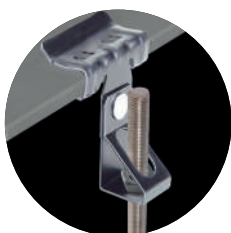
Advantages



Fast and stable fixing system to metal beams



No drilling or welding required as the clamp is simply hammered onto the flange



For the quick suspension of M6 and M8 threaded rods



Ideal for fixing suspended ceilings and attaching pipe and conduit installations



Zinc flake coating for indoor, outdoor, humid and corrosive environments, resistant to corrosion in salt water mist for up to 480 hours [DIN 50021]

Suitable building materials

Very suitable



- Steel beams

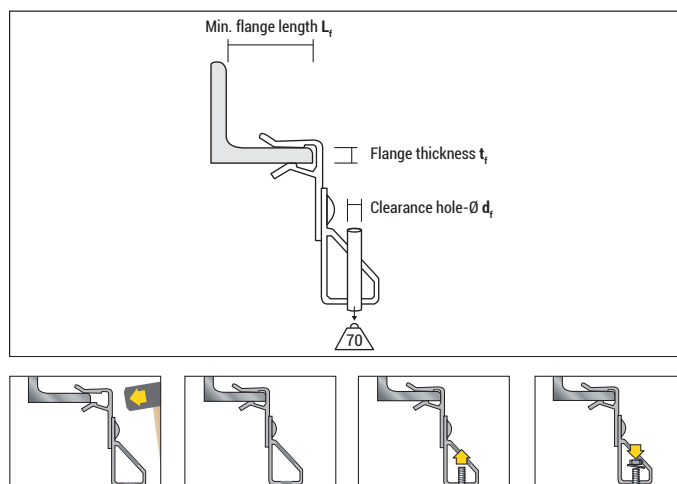
Approvals and certificates



CVA, zinc flake coating

Type	Art-No	$L_f \geq$ [mm]	t_f [mm]	d_f [mm]	[pcs]	[pcs]
CVA 1,5-4 M6	91546CVA	18	1,5 - 4	M6	50	450
CVA 1,5-4 M8	91548CVA	18	1,5 - 4	M8	50	450
CVA 4,0-10 M6	94106CVA	25	4 - 10	M6	50	450
CVA 4,0-10 M8	94108CVA	25	4 - 10	M8	50	450
CVA 10,0-15 M6	910156CVA	25	10 - 15	M6	50	300
CVA 10,0-15 M8	910158CVA	25	10 - 15	M8	50	300
CVA 15,0-20 M6	915206CVA	25	15 - 20	M6	50	300
CVA 15,0-20 M8	915208CVA	25	15 - 20	M8	50	300

Mounting



Loads and installation parameters

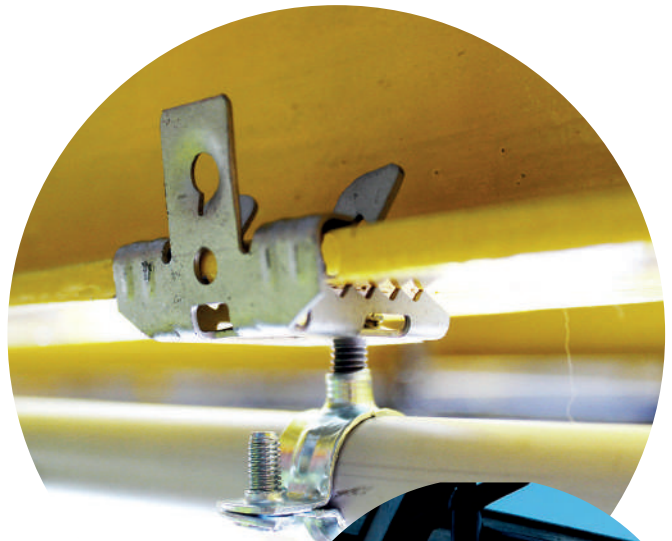
Type	Recommended loads [kN]
CVA 1,5-4	0,7
CVA 4,0-10	0,7
CVA 10,0-15	0,7
CVA 15,0-20	0,7

Recommended load with safety factor ($\mu = 3$).

The loads shown are based on the static limit on vertical installation.

Hammer-on flange beam clip **CAB** M6

for clamp fixing,
suspending threaded
rods and hooks



Assortment

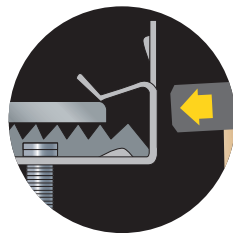


CAB,
spring steel, zinc flake coated

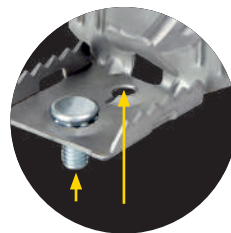
Advantages



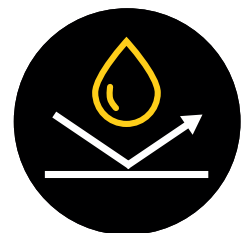
Fast and stable
fixing system to
metal beams



No drilling or welding
required as the clamp is
simply hammered onto
the flange



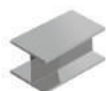
Versatile in use: pre-moun-
ted screw M6x9 for clamp
fixing or M6 internal
threads for suspending
threaded rods



Zinc flake coating for indoor,
outdoor, humid and corrosive
environments, resistant to
corrosion in salt water mist
for up to 480 hours
(DIN 50021)

Suitable building materials

Very suitable



- Steel beams

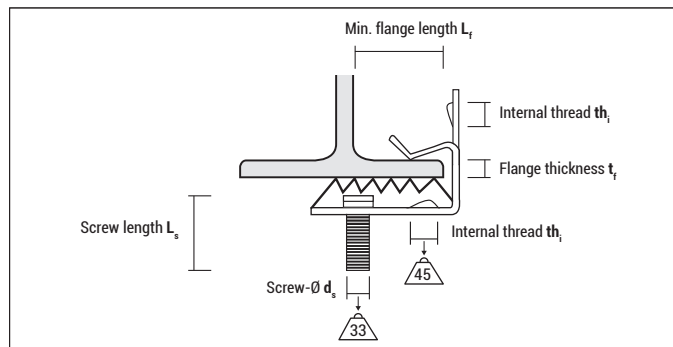
Approvals and certificates



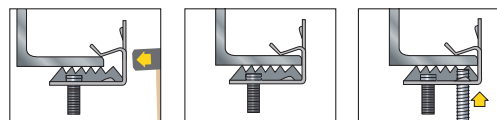
CAB, zinc flake coating

Type	Art-No	$L_f \geq$ [mm]	t_f [mm]	th_f [mm]	L_s [mm]	d_s [mm]	[pcs]	[pcs]
CAB 3-7	9376CAB	35	3 - 7	M6	9	M6	50	450
CAB 7-13	97136CAB	35	7 - 13	M6	9	M6	50	300
CAB 14-20	914206CAB	35	14 - 20	M6	9	M6	50	300

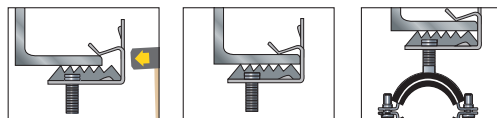
Mounting



Fastening threaded rods



Suspending clamps



Loads and installation parameters

Type	Recommended loads on M6 screw [kN]	Recommended loads on M6 internal thread [kN]
CAB 3-7	0,33	0,45
CAB 7-13	0,33	0,45
CAB 14-20	0,33	0,45

Recommended load with safety factor ($\mu = 3$).

The loads shown are based on the static limit on vertical installation.

Multifunctional beam clip **CMV**

For threaded rods, cable ties, M6-screws etc.



Assortment

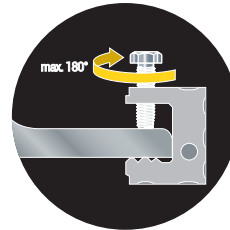


CMV, spring steel, zinc flake coated

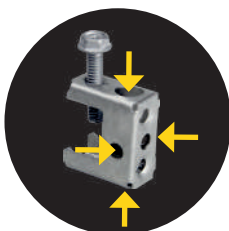
Advantages



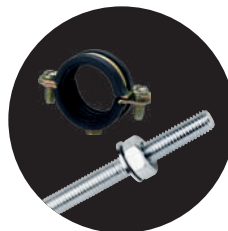
Fast and stable fixing system to metal beams



Time-saving - quick assembly without drilling or welding simply by tightening the screw



Multifunctional due to two M6-internal threads, two clearance holes 6,3 mm and one clearance hole 10,7 mm



Ideally suited for easy and fast mounting of rods, M6-elements, clips or wires



Zinc flake coating for indoor, outdoor, humid and corrosive environments, resistant to corrosion in salt water mist for up to 480 hours [DIN 50021]

Suitable building materials

Very suitable

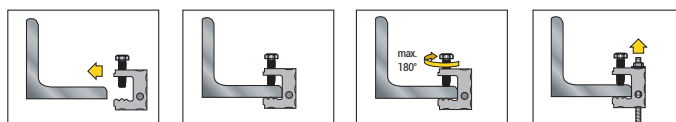
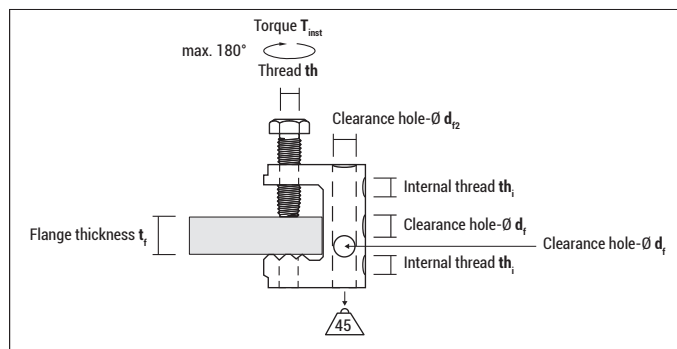


- Steel beams

Approvals and certificates



Mounting



CMV, zinc flake coating

Type	Art-No	$t_f \leq$ [mm]	d_f [mm]	d_{f2} [mm]	th [mm]	th_i [mm]	$T_{inst} <$ [Nm]	[pcs]	[pcs]
CMV M6	96CMV	16	6,3	10,7	M6	M6	3	50	450

Loads and installation parameters

Type	Recommended loads [kN]
CMV M6	0,45

Recommended load with safety factor ($\mu = 3$).

The loads shown are based on the static limit on vertical installation.

Setscrew beam clamp **PMV**

Suspension of threaded rods from beam flanges

Assortment



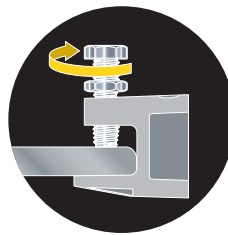
Body made of malleable cast iron, galvanised
pre-mounted with
- hexagon screw DIN 933 8.8
- lock nut DIN 439



Advantages



Fast and stable fixing system to metal beams



Quick assembly without drilling or welding simply by tightening the screw



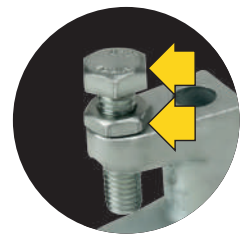
Heavy-duty mounting, load values verified by independent institutes



For suspending threaded rods, heating, ventilation systems, pipe and sanitary installations, sprinkler systems steel construction and more



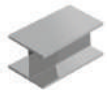
Can be used directly, as the clamp, hexagon head screw and lock nut are pre-assembled



Time saving, as hexagon head screw and lock nut can be tightened with the same key

Suitable building materials

Very suitable

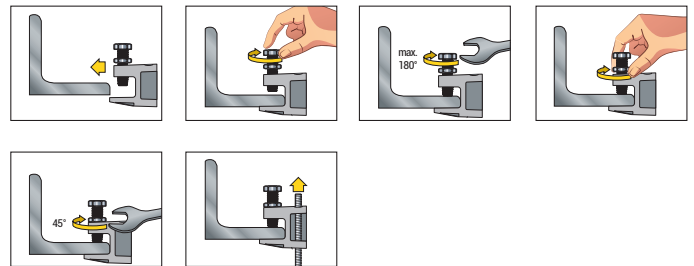
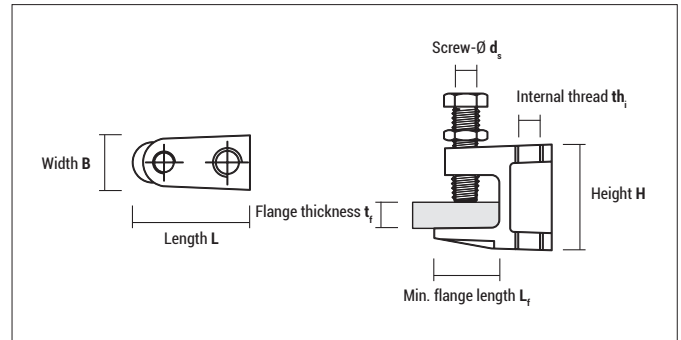


- Steel beams

Approvals and certificates



Mounting



PMV, zinc plated

Type	Art-No	$L_f \geq$ [mm]	$t_f \leq$ [mm]	d_s [mm]	th_i [mm]	L [mm]	B [mm]	H [mm]	[pcs]	[pcs]
PMV M8	98PMV	21	18	M8	M8	38	19	35	20	120
PMV M10	910PMV	29	23	M10	M10	50	21	42	20	120
PMV M12	912PMV	32	26	M10	M12	58	23,5	54	10	60

Loads and installation parameters

Type	Recommended loads [kN]
PMV M8	1,2
PMV M10	2,5
PMV M12	3,5

Anchor studs and clamps



RESI AST, zinc plated 5.8 with nut and washer

Type d _s - L	Art-No	Thread	[pcs]	[pcs]
M8-110	98110RAST	M8	10	100
M8-130	98130RAST	M8	10	100
M10-110	910110RAST	M10	10	100
M10-130	910130RAST	M10	10	100
M10-170	910170RAST	M10	10	100
M10-200	910200RAST	M10	10	60
M12-130	912130RAST	M12	10	100
M12-160	912160RAST	M12	10	100
M12-210	912210RAST	M12	10	60



RESI AST, stainless steel A4 with nut and washer



Type d _s - L	Art-No	Thread	[pcs]	[pcs]
M8-110	9X8110RAST	M8	10	100
M8-130	9X8130RAST	M8	10	100
M10-110	9X10110RAST	M10	10	100
M10-130	9X10130RAST	M10	10	100
M10-170	9X10170RAST	M10	10	100
M10-200	9X10200RAST	M10	10	60
M12-130	9X12130RAST	M12	10	100
M12-160	9X12160RAST	M12	10	100
M12-210	9X12210RAST	M12	10	60



Metal clamp LI, yellow plated M6 connecting thread

Type	Art-No	Pipe-Ø				Load* ≤ [kg]	Sheet thickness t _m [mm]	Length L [mm]	Height H [mm]	Width B [mm]	[pcs]	[pcs]
		metric [mm]	Copper [mm]	Steel [Inch]	Plastic [mm]							
LI 12	9B12LI	-	12	-	-	55	1,2	41	23,5	11/12	100	900
LI 15	9B15LI	-	15	1/4"	-	55	1,2	43	25,0	11/12	100	900
LI 18	9B18LI	-	18	3/8"	-	55	1,2	47	29,0	11/12	100	900
LI 22	9B22LI	-	22	1/2"	-	55	1,2	51	33,0	11/12	50	450
LI 28	9B28LI	-	28	-	-	55	1,2	57	39,0	11/12	50	450
LI 35	9B35LI	-	35	1	-	55	1,2	66	47,0	11/12	25	225
LI 42	9B42LI	-	42	1 1/4	42	55	1,2	70	51,5	11/12	25	225

* Load incl. safety factor Extended delivery times possible



Quick clamp M8 + M10 connecting thread

Type	Art-No	Pipe-Ø			Innen-Ø [mm]	Load* ≤ [kg]	Sheet thickness t _m [mm]	Length L [mm]	Height H [mm]	Width B [mm]	[pcs]	[pcs]
		Copper [mm]	Steel [Inch]	Plastic [mm]								
RIF 15	915RIF	15	1/4"	-	12 - 14	80	1,25	45	46	20	25	225
RIF 18	918RIF	18	3/8"	16	15 - 19	80	1,25	47	48	20	25	225
RIF 22	922RIF	22	1/2"	20	20 - 23	80	1,25	53	54	20	20	180
RIF 28	928RIF	28	3/4"	25	25 - 28	80	1,25	59	60	20	25	225
RIF 35	935RIF	35	1"	32	32 - 35	80	1,25	65	64	20	25	150
RIF 40	940RIF	42	1-1/4"	40	40 - 43	80	1,25	73	72	20	25	150
RIF 48	948RIF	54	1-1/2"	50	48 - 52	80	1,25	80	81	20	20	120
RIF 60	960RIF	-	2"	-	57 - 62	80	1,25	94	95	20	10	90

* Load incl. safety factor



Clamp RI M8 + M10 connecting thread

Type	Art-No	Pipe-Ø			Innen-Ø [mm]	Load* ≤ [kg]	Sheet thickness t _m [mm]	Length L [mm]	Height H [mm]	Width B [mm]	[pcs]
		Copper [mm]	Steel [Inch]	Plastic [mm]							
RI 18	918RI	18	3/8"	-	15 - 19	80	1,5	60,0	40,5	20	100
RI 22	922RI	22	1/2"	-	20 - 24	80	1,5	62,0	45,0	20	100
RI 28	928RI	28	3/4"	25	23 - 28	80	1,5	70,5	49,5	20	100
RI 35	935RI	35	1"	32	31 - 36	80	1,5	79,0	60,0	20	100
RI 40	940RI	42	1 - 1/4"	40	38 - 44	100	1,5	88,0	64,0	20	100
RI 48	948RI	-	1 - 1/2"	50	44 - 50	100	1,5	94,0	70,5	20	100
RI 54	954RI	54	-	-	54 - 58	100	1,5	102,0	81,5	20	50
RI 60	960RI	-	2"	-	59 - 65	100	1,5	109,0	86,5	20	50
RI 75	975RI	76	2 - 1/2"	75	74 - 80	150	2,0	133,0	102,5	25	50
RI 90	990RI	89	3"	90	83 - 93	150	2,0	145,0	111,5	25	50
RI 100	9100RI	-	3 - 1/2"	100	95 - 103	150	2,0	155,0	116,0	25	50
RI 110	9110RI	108	4"	110	108 - 118	150	2,0	169,0	122,0	25	50
RI 125	9125RI	-	4 - 1/2"	125	121 - 127	150	2,0	128,8	135,5	25	50
RI 140	9140RI	-	5"	140	133 - 143	150	2,0	198,5	145,5	25	50
RI 160	9160RI	-	6"	160	159 - 169	150	2,0	229,0	161,5	25	40
RI 200	9200RI	-	-	200	198 - 202	150	2,0	262,0	184,5	25	40
RI 250	9250RI	-	-	250	249 - 254	200	2,0	290,0	275,0	25	30

* Load incl. safety factor

Cable ties CCT

Approvals and certificates

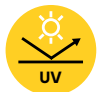


Cable tie CCT natural coloured

Type	Art-No	Width	Length	∅	Load				Min. sales unit
	natural	W [mm]	L [mm]	≤ [mm]	≤ [kg]	[pcs]	[pcs]	[pcs]	
CCT 2,5x100	125100CCT	2,5	100	20,5	8	100	1.000	50.000	1.000
CCT 2,5x150	125150CCT	2,5	150	39,8	8	100	1.000	25.000	1.000
CCT 2,5x200	125200CCT	2,5	200	52,5	8	100	1.000	25.000	1.000
CCT 3,6x140	136140CCT	3,6	140	33,0	18	100	1.000	25.000	1.000
CCT 3,6x200	136200CCT	3,6	200	52,5	18	100	1.000	20.000	1.000
CCT 3,6x300	136300CCT	3,6	300	84,0	18	100	1.000	10.000	1.000
CCT 3,6x370	136370CCT	3,6	370	106,0	18	100	1.000	10.000	1.000
CCT 4,8x200	148200CCT	4,8	200	49,5	22	100	1.000	10.000	1.000
CCT 4,8x250	148250CCT	4,8	250	65,0	22	100	1.000	10.000	1.000
CCT 4,8x300	148300CCT	4,8	300	81,0	22	100	1.000	10.000	1.000
CCT 4,8x370	148370CCT	4,8	370	103,5	22	100	1.000	5.000	1.000
CCT 4,8x430	148430CCT	4,8	430	122,5	22	100	1.000	5.000	1.000
CCT 7,6x150	176150CCT	7,6	150	35,0	55	100	1.000	5.000	100
CCT 7,6x200	176200CCT	7,6	200	50,9	55	100	1.000	5.000	100
CCT 7,6x300	176300CCT	7,6	300	82,8	55	100	1.000	5.000	100
CCT 7,6x365	176365CCT	7,6	365	105,0	55	100	1.000	5.000	100
CCT 7,6x450	176450CCT	7,6	450	130,5	55	100	1.000	5.000	100
CCT 7,6x550	176550CCT	7,6	550	159,0	55	100	1.000	2.000	100
CCT 8,8x760	188760CCT	8,8	760	229,5	80	50	500	1.000	50
CCT 9,0x810	190810CCT	9,0	810	245,0	80	50	500	1.000	50



Cable tie CCT black



Type	Art-No	Width W	Length L	∅ ≤	Load ≤				Min. sales unit
	black	[mm]	[mm]	[mm]	[kg]	[pcs]	[pcs]	[pcs]	
CCT 2,5x100	425100CCT	2,5	100	20,5	8	100	1.000	50.000	1.000
CCT 2,5x150	425150CCT	2,5	150	39,8	8	100	1.000	25.000	1.000
CCT 2,5x200	425200CCT	2,5	200	52,5	8	100	1.000	25.000	1.000
CCT 3,6x140	436140CCT	3,6	140	33,0	18	100	1.000	25.000	1.000
CCT 3,6x200	436200CCT	3,6	200	52,5	18	100	1.000	20.000	1.000
CCT 3,6x300	436300CCT	3,6	300	84,0	18	100	1.000	10.000	1.000
CCT 3,6x370	436370CCT	3,6	370	106,0	18	100	1.000	10.000	1.000
CCT 4,8x200	448200CCT	4,8	200	49,5	22	100	1.000	10.000	1.000
CCT 4,8x250	448250CCT	4,8	250	65,0	22	100	1.000	10.000	1.000
CCT 4,8x300	448300CCT	4,8	300	81,0	22	100	1.000	10.000	1.000
CCT 4,8x370	448370CCT	4,8	370	103,5	22	100	1.000	5.000	1.000
CCT 4,8x430	448430CCT	4,8	430	122,5	22	100	1.000	5.000	1.000
CCT 7,6x150	476150CCT	7,6	150	35,0	55	100	1.000	5.000	100
CCT 7,6x200	476200CCT	7,6	200	50,9	55	100	1.000	5.000	100
CCT 7,6x300	476300CCT	7,6	300	82,8	55	100	1.000	5.000	100
CCT 7,6x365	476365CCT	7,6	365	105,0	55	100	1.000	5.000	100
CCT 7,6x450	476450CCT	7,6	450	130,5	55	100	1.000	5.000	100
CCT 7,6x550	476550CCT	7,6	550	159,0	55	100	1.000	2.000	100
CCT 8,8x760	488760CCT	8,8	760	229,5	80	50	500	1.000	50
CCT 9,0x810	490810CCT	9,0	810	245,0	80	50	500	1.000	50



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