

Fastener for aluminium profile

Stock

PRF **MiniTec**

Standard fastener

FIXSTD

Profile assembly

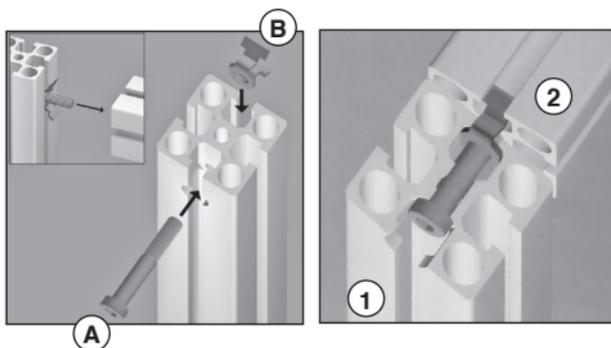
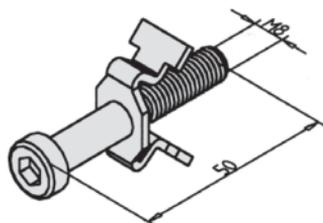
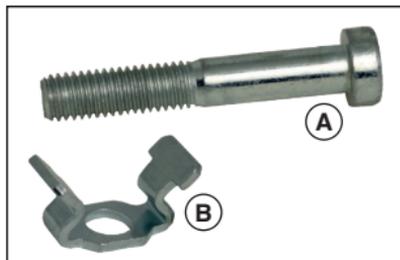
- Suitable for loads up to 18000N
- Can be used to securely join all profile types
- Forms very efficient anti-twist joint
- Materials:
 - M8x50mm CHC screw: electroplated steel
 - Locking plate: electroplated steel

Applications

- For heavy or vibrating loads

Assembly

- Drill a stepped hole ($\varnothing 9$, $\varnothing 15$) at the required position ①
- Slide the screw locking plate in the slot
- Pass the end of the screw through the first profile ①, the locking plate and then into the central hole of the second profile ② which was previously tapped (M8 x 25mm) and tighten.



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Load (N)	For profile	Tightening torque (Nm)	Weight (kg)	Stock*	Price each 1 to 49
PRF-FIX-STD	18000	All types of PRF profile	20	0,03	✓	2,94 €

*Depending on availability - Dimensions in mm

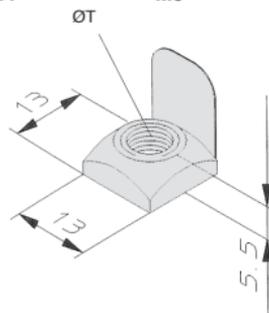
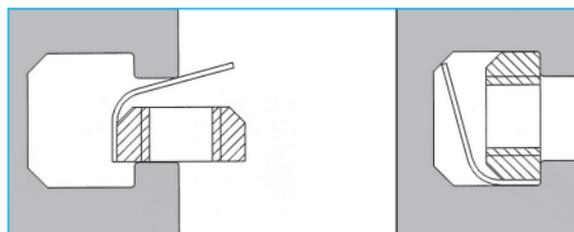
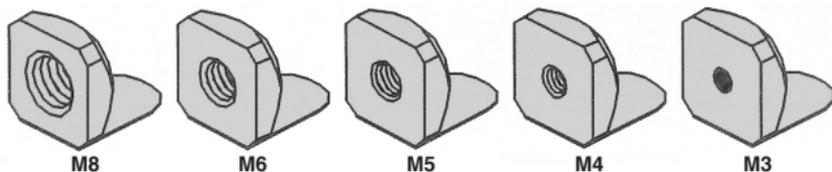
- Square nut with sprung tab
- Nut can be inserted at any point along the slot in a profile
- Material: zinc plated or stainless steel
- Not sold individually, contact us for details

steel or stainless steel



Advantages

- Allows parts to be added/removed easily
- Sprung tabs allows the nut to be retained in place when using vertically positioned profiles



Very simple to position

DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number		ØT	Stock* Steel	Price each 1 to 49	
Steel	Stainless steel			Steel	Stainless steel
PRF-ECL-M3	PRF-ECL-M3/SS	M3	✓	1,17 €	3,14 €
PRF-ECL-M4	PRF-ECL-M4/SS	M4	✓	1,17 €	3,14 €
PRF-ECL-M5	PRF-ECL-M5/SS	M5	✓	1,17 €	3,14 €
PRF-ECL-M6	PRF-ECL-M6/SS	M6	✓	1,17 €	3,34 €
PRF-ECL-M8	PRF-ECL-M8/SS	M8	✓	1,17 €	3,31 €

*Depending on availability - Dimensions in mm

Hammerhead screw

Stock

PRFVTM **MiniTec**

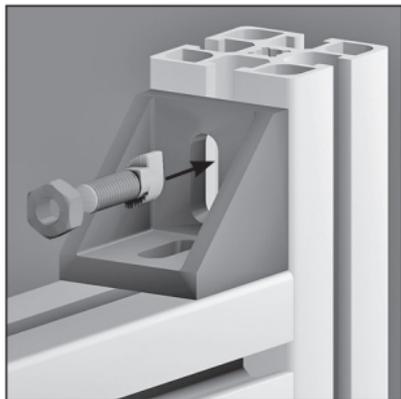
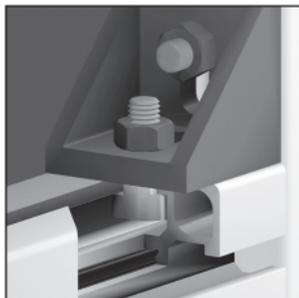
- Screws can be inserted at any point along the slot in the profile.
- Material: zinc plated steel
- **Not sold individually, contact us for details**

Advantages

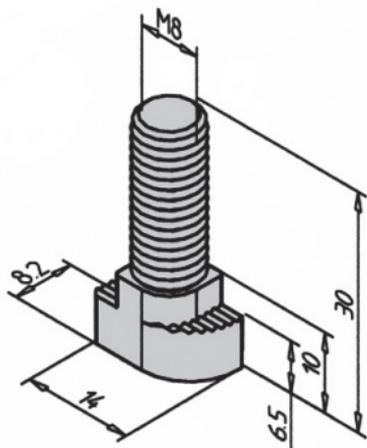
- Hammerhead screws are a simple way of adding components or accessories onto profiles that have already been assembled

Assembly

- Place the screw in the slot at the required position, mount the accessory to be added and tighten the M8 nut
- Tightening the nut causes the screw to become perpendicular to the slot.



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-VTM-M8	Hammerhead screw	0,012	✓	1,64 €

*Depending on availability - Dimensions in mm

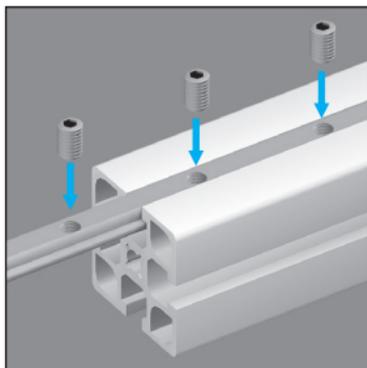
- Material: electroplated steel
- 4 electroplated M8 x14mm grub screws (use SW4 hexagonal key or PRF-TOOL-H4 tool) (tome 5 p.322)

Uses

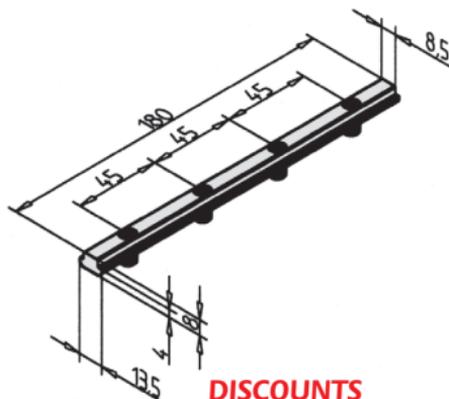
- For but joining profiles.
- For creating longer profiles

Assembly

- Simply twist into slot in profile
- No preparation required
- For long profiles or to support heavier loads, use more joining bars.



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-ER-180	Joining bar	0,12	✓	19,78 €

*Depending on availability - Dimensions in mm

Joining plate for aluminium profile Stock

PRF_{PL} **MiniTec** For joining pre-assembled structures

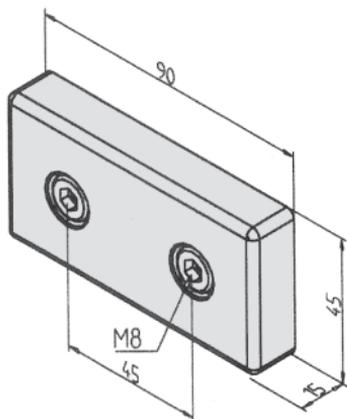
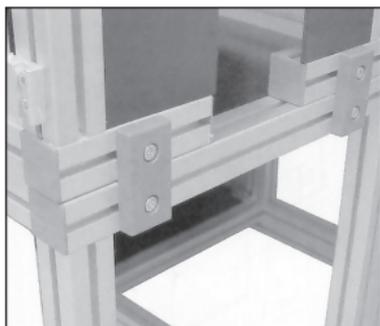
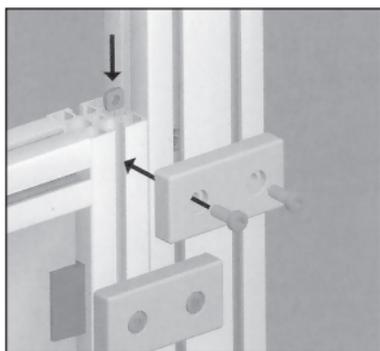
- For joining two structures together
- Ensures rigid and stable installation of protective barriers
- Mounting kit supplied
- Material:
Grey powder coated aluminium GD

Assembly

- Use the fixing kit to attach to the mounting slot on the protective panel and the slot on the support profile



Grey powder coated aluminium



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
PRF-PL-4590	0,17	✓	10,10 €

*Depending on availability - Dimensions in mm

Stock

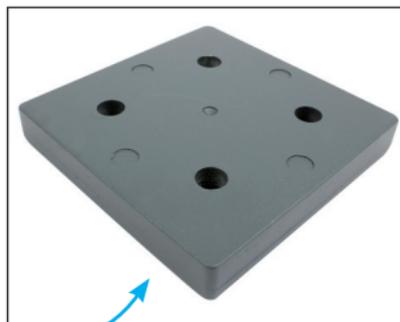
Joining plate for aluminium profile

For joining pre-assembled **MiniTec** PRFPPL structures

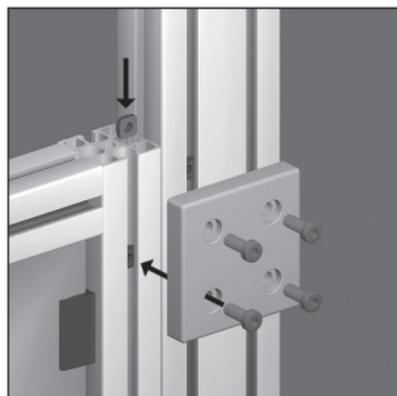
- For joining two structures together
- Ensures rigid and stable installation of protective barriers
- Mounting kit supplied
- Material:
Grey powder coated aluminium GD

Assembly

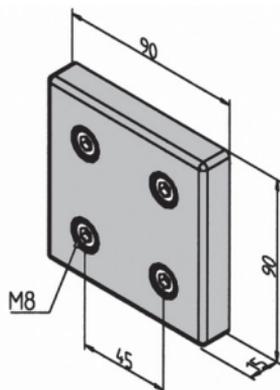
- Use the fixing kit to attach to the mounting slot on the protective panel and the slot on the support profile



Grey powder coated aluminium



Typical assembly



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Weight (kg)	Stock*	Price each 1 to 49
PRF-PL-9090	0,33	✓	20,37 €

*Depending on availability - Dimensions in mm

Connection plate for aluminium profile

ACLPL

For pre-assembled connection

- For connecting two structures together
- Connection of 2 aluminium profiles
- Corner reinforcement
- Material:
Anodised aluminium

Info.

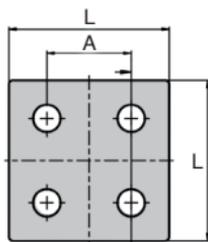
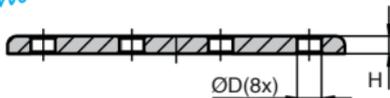
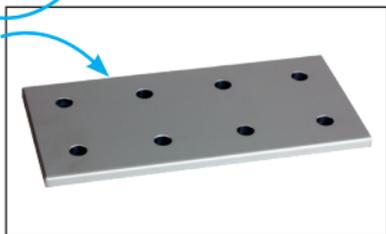
- Supplied without fixing kit (see button head screw **BHC8-16/SS/B** or **BHC8-20/SS** (tome 1 p.562) and slot nut **PRF-ECL-M8/SS** (tome 5 p.315))



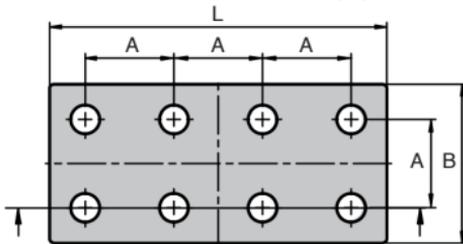
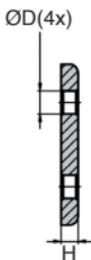
Typical application

Anodised aluminium

Aluminium profile



ACL-PL-9090



ACL-PL-90180

DISCOUNTS

Qty	1+	50+	100+
Disc.	Net	-5%	On request

Part number	L	B	H	A	ØD	Weight (g)	Price each 1 to 49
Square							
ACL-PL-9090	86	-	6	45	9	115	9,46 €
Rectangular							
ACL-PL-90180	176	86	6	45	9	240	16,13 €

All dimensions in mm

Connection plate for aluminium profile

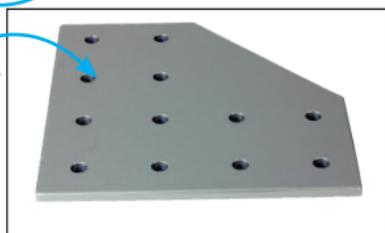
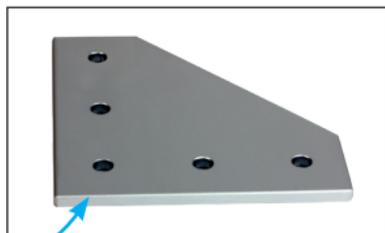
Right angled connection

ACLPR

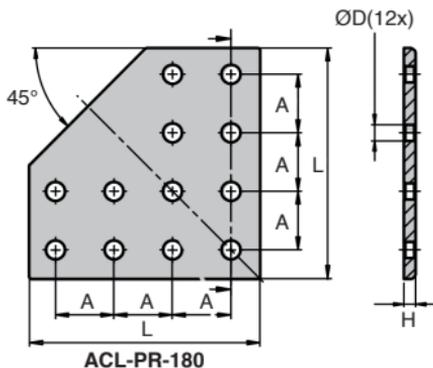
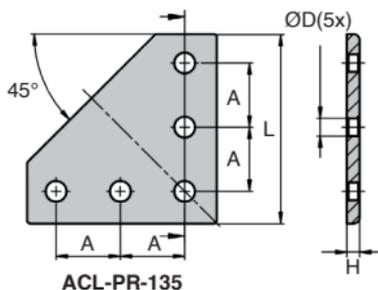
- For connecting two structures together
- Connection of 2 aluminium profiles
- Corner reinforcement
- Material:
Anodised aluminium

Info.

- Supplied without fixing kit (see button head screw BHC8-16/SS/B or BHC8-20/SS (tome 1 p.562) and slot nut PRF-ECL-M8/SS) (tome 5 p.315)



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc. Net	-5%	On request	

Part number	L	H	A	ØD	Weight (g)	Stock*	Price each 1 to 49
ACL-PR-135	133	6	45	9	215	✓	19,47 €
ACL-PR-180	178	6	45	9	435	-	30,20 €

* Depending on availability - Dimensions in mm

Connection plate for aluminium profile

ACLPL

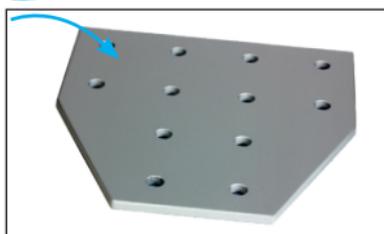
Angle connection

- Connection of 2 aluminium profiles
- Corner reinforcement
- Material:
Anodised aluminium

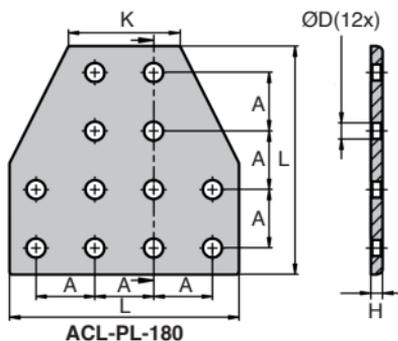
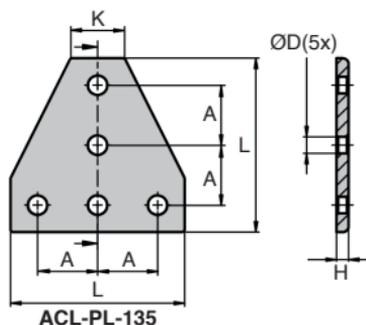
Info.

- Supplied without fixing kit (see button head screw **BHC8-16/SS/B** or **BHC8-20/SS** (tome 1 p.562) and slot nut **PRF-ECL-M8/SS** (tome 5 p.315))

Anodised aluminium



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc. Net	-5%	On request	

Part number	L	H	A	K	ØD	Weight (g)	Price each
							1 to 49
ACL-PL-135	131	6	45	41	9	210	20,80 €
ACL-PL-180	176	6	45	86	9	425	34,18 €

All dimensions in mm

Stock Adjustable plate for aluminium profile

MiniTec PRFPA

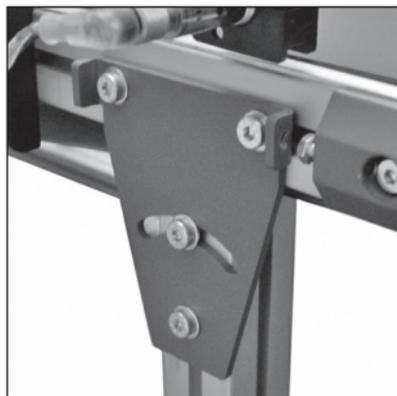
- Supplied with fixing kit
- Material:
covered steel

Applications

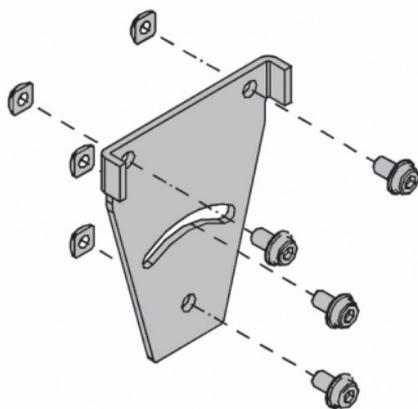
- Attaches support bases to the conveyor of a chassis
- Can also be used with slope conveyors
- Range +/- 35°

Assembly

- Attach to the side of the conveyor chassis and to the bases using the fixing kit



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-PA	Angle plate	0,377	✓	30,90 €

*Depending on availability - Dimensions in mm

Adjustable joints for aluminium profiles

ACLEAV ACLPAV

Turning and pivot angle

- Components for creating angled joints

- Material

Turning angle : Cast aluminium

Pivot angle : chromed steel

Advantages

- Adjustable angle

Info

- No mounting screws supplied

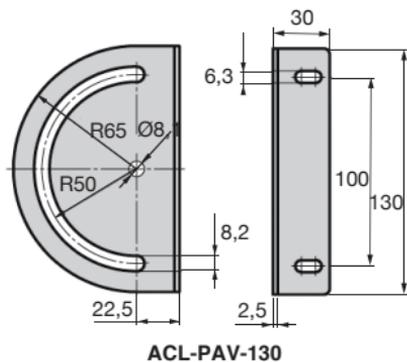
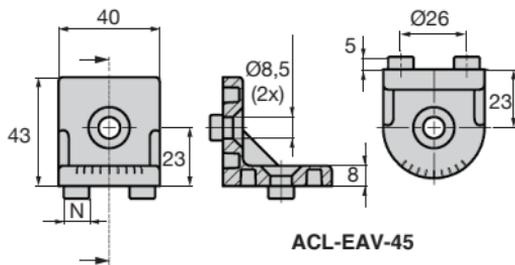
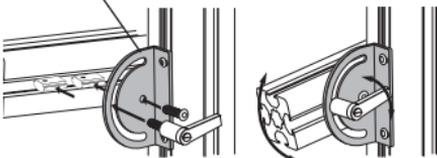
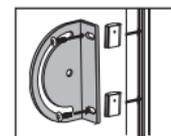
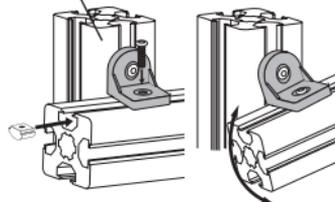
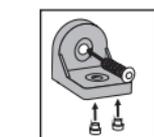
(see PRF-ECL-M8/ screw FHC8 and CHC8)



ACL-EAV-45



ACL-PAV-130



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Type	Screw size	N	Weight (g)	Stock*	Price each 1 to 49
ACL-EAV-45	Turning angle	M8	8/10	44	✓	5,03 €
ACL-PAV-130	Pivot angle	M8	-	221	✓	10,02 €

*Depending on availability - Dimensions in mm

Cross connector for aluminium profile

MiniTec PRFRTR

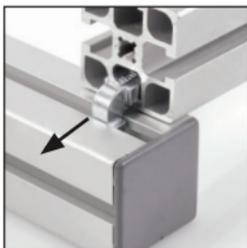
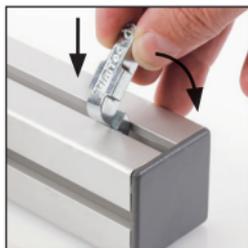
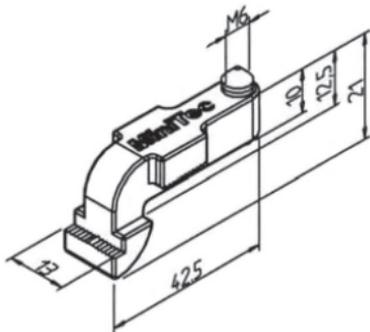
- Allow profiles to be added to existing structures

- Material:

Chromed galvanised steel with pre-mounted
M6 x 16 set screw

Assembly

- Insert the connector into the existing frame.
- Slide the new profile on to the connector
- Tighten the set screw with a 3mm key to a torque of 10Nm



Typical assembly

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Weight (kg)	Stock*	Price each 1 to 49
PRF-RTR	0.04	-	10.06 €

*Depending on availability - Dimensions in mm

Coupling bar for aluminium profile Stock

PRFRR **MiniTec**

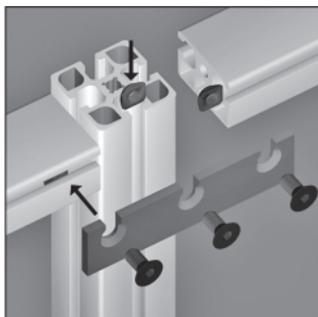
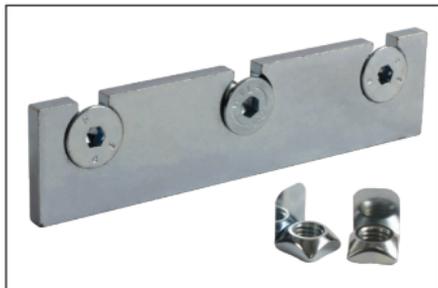
- Supplied with fixing kit
- Material:
electroplated steel

Advantages

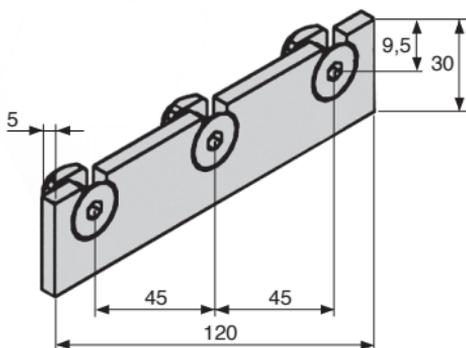
- Allows profiles of different sections to be joined together
- Can also be used to add additional profiles

Assembly

- Attach the bar to the slot with the fixing kit
- No preparation necessary



Typical assembly



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-RR-120	Coupling bar	0,103	✓	15,10 €

*Depending on availability - Dimensions in mm

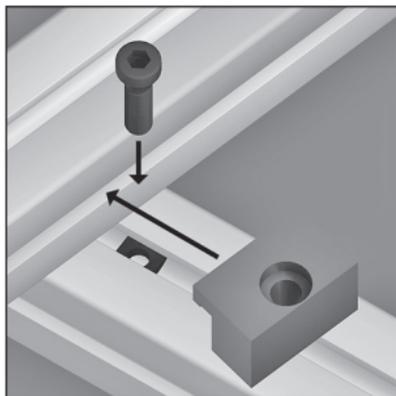
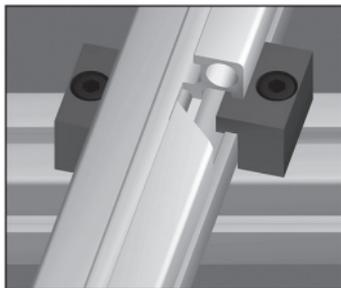
- Supplied with fixing kit
- Material:
Anodised aluminium

Use

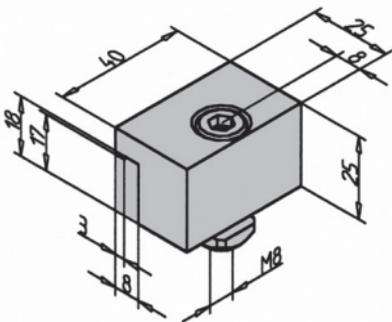
- Use the slots on two profiles to connect them at any angle

Assembly

- Attach the clamp to the slot of the first profile and then tighten the second and then tighten the second
- No preparation required



Mounting example



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-BR	Clamp	0,069	✓	14,12 €

*Depending on availability - Dimensions in mm

Bracket for aluminium profiles

Stock

PRF_E **MiniTec**

Support bracket

- **Assembling profiles**
- Can be used for all types of construction, recommended for use when adding profiles to existing structures
- Use to reinforce structures
- Can be positioned anywhere along the profile length
- For heavy loads, use multiple brackets
- Fixing kit supplied
- Material: grey powder coated aluminium GD



Accessories

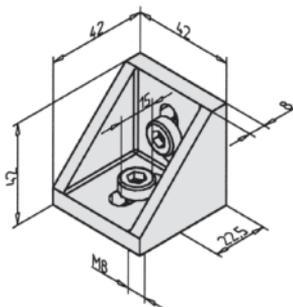
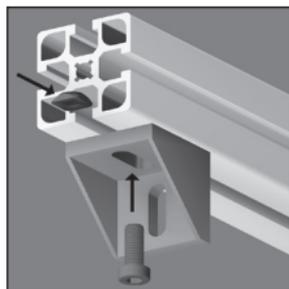
- Nut with sprung tab **PRF-ECL**

Special application

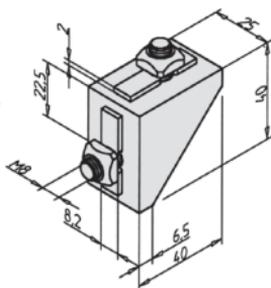
- **PRF25-E** bracket has a centering groove

Info.

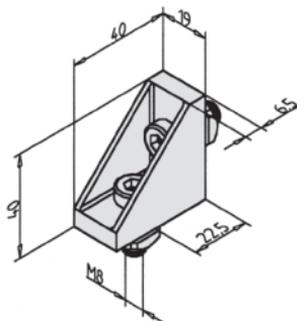
- *Given for applications using two brackets; when using a single bracket, maximum load is reduced, please contact us for details



PRF45-E



PRF25-E



PRF19-E

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Max. load* (N)	Max. torque (Nm)	For profile	Tightening torque (Nm)	Stock*	Price each 1 to 49
PRF19-E	1200	400	PRF19, PRF32	20	✓	5,85 €
PRF25-E	1200	400	PRF19, PRF32, PRF45	20	✓	6,35 €
PRF45-E	1200	400	PRF45	20	✓	5,52 €

*Depending on availability - Dimensions in mm

- **Assembling profiles**
- Can be used for all types of construction, recommended for use when adding profiles to existing structures
- Use to reinforce structures
- Can be positioned anywhere along the profile length
- For heavy loads, use multiple brackets
- Fixing kit supplied
- **PRF90-E** supplied with cover and screw locking plate
- Material: grey powder coated aluminium GD
- Recommended tightening torque: 20Nm

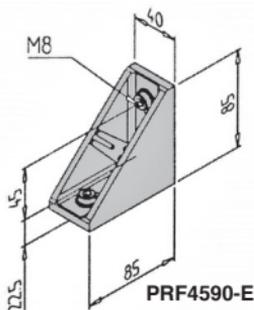


Accessory

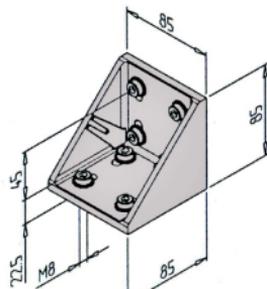
- Nut with sprung tab **PRF-ECL**

Info.

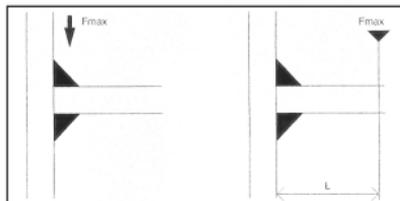
- *For applications using two brackets, or when using a single bracket maximum load is reduced



PRF4590-E



PRF90-E



Maximum load and torque

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Max. load* (N)	Max. torque (Nm)	For profile	Tightening torque (Nm)	Stock*	Price each 1 to 49
PRF4590-E	2400	800	PRF4590	20	✓	12,32 €
PRF90-E	4800	1600	PRF4590	20	✓	28,80 €

*Depending on availability - Dimensions in mm

Right angled bracket for aluminium profiles

ACLEPP Bracket for connecting 2 profiles

- To join 2 profiles at 90°
- Material
Anodised aluminium
For use with single slot profiles

Advantages

- Suitable for use with PRF aluminium profiles

Info

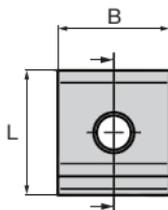
- No mounting screws supplied



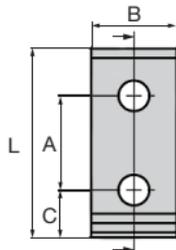
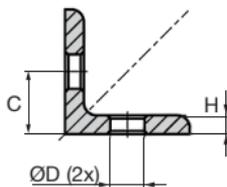
ACL-EPP2-4545



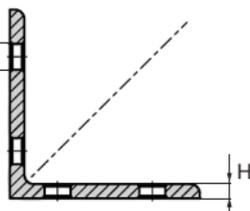
ACL-EPP4-4590



ACL-EPP2- 4545



ACL-EPP4-4590



DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Version	L	B	H	A	C	ØD	Weight (g)	Stock*	Price each 1 to 49
ACL-EPP2-4545	2 holes	45	41	6	-	22,5	9	55	✓	3,56 €
ACL-EPP4-4590	4 holes	90	41	6	45	22,5	9	112	✓	7,11 €

* Depending on availability - Dimensions in mm

Right angled bracket for aluminium profiles

Bracket for connecting 2 profiles

ACLEPP

- To join 2 profiles at 90°
- Material
Anodised aluminium
For use with dual slot profilest

Advantages

- Suitable for use with PRF4590 aluminium profiles

Info

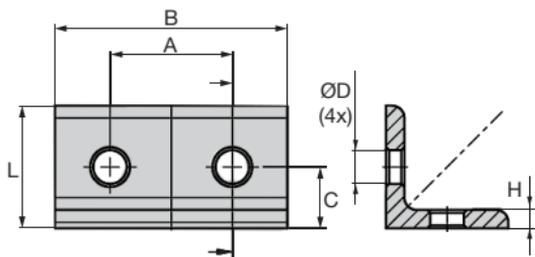
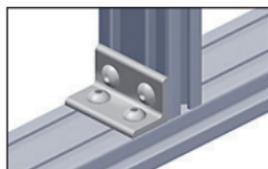
- No mounting screws supplied



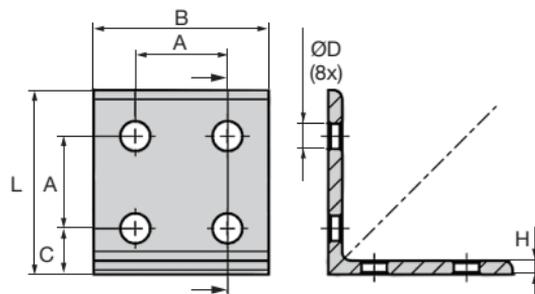
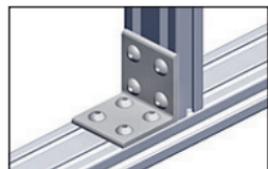
ACL-EPP4-9045



ACL-EPP8-9090



ACL-EPP4-9045



ACL-EPP8-9090

DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Version	L	B	H	A	C	ØD	Weight (g)	Stock*	Price each 1 to 49
ACL-EPP4-9045	4 holes	45	86	6	45	22,5	9	112	✓	7,86 €
ACL-EPP8-9090	8 holes	90	86	6	45	22,5	9	235	✓	13,20 €

* Depending on availability - Dimensions in mm

Corner reinforcement

Stock

PRFT **MiniTec**

- Supplied with fixing kit

- Material:

Anodised aluminium

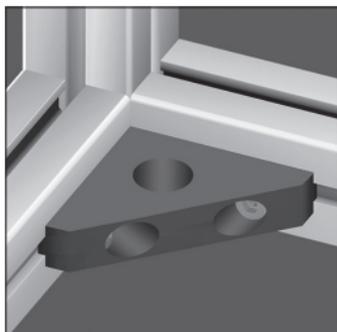
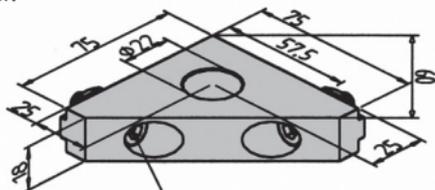


Uses

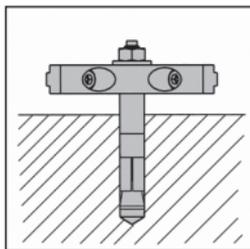
- For reinforcing structures
- Used for attaching feet to the inside of a chassis
- Also used for levelling or anchoring structures to the floor

Assembly

- Mounts on the side of a profile using the fixing kit supplied
- Used with anchoring kit to attach a structure to the floor.



Used as reinforcement



Used for reinforcing and anchoring

DISCOUNTS

Qty	1+	50+	100+
Disc. List	-5%	On request	

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-T-75	Corner	0,17	✓	29,88 €

*Depending on availability - Dimensions in mm

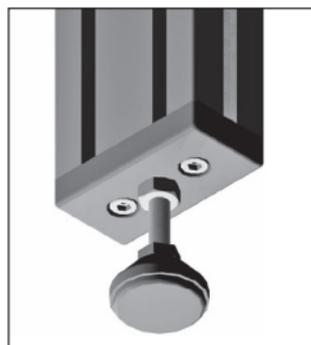
- Base plate for attaching levelling foot or lifting ring
- Fixing kit supplied
- Foot ring not supplied
- Material: grey powder covered steel

Assembly

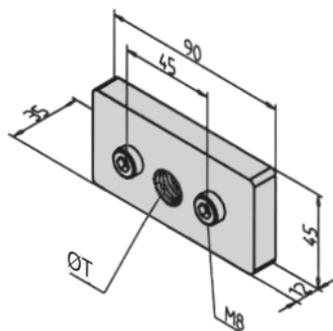
- Fits in slot on profile

Accessories

- Feet (tome 1 p.368)



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	ØT Thread	For profile	Thickness (mm)	Weight (kg)	Stock*	Price each 1 to 49
PRF4590-BM10	M10	PRF4590	15	0,164	-	14,62 €
PRF4590-BM12	M12	PRF4590	15	0,162	-	14,62 €
PRF4590-BM16	M16	PRF4590	15	0,160	-	16,23 €
PRF4590-BM20	M20	PRF4590	15	0,156	-	13,08 €

*Depending on availability - Dimensions in mm

- Supplied without fixing kit
- Material: grey powder covered steel

Uses

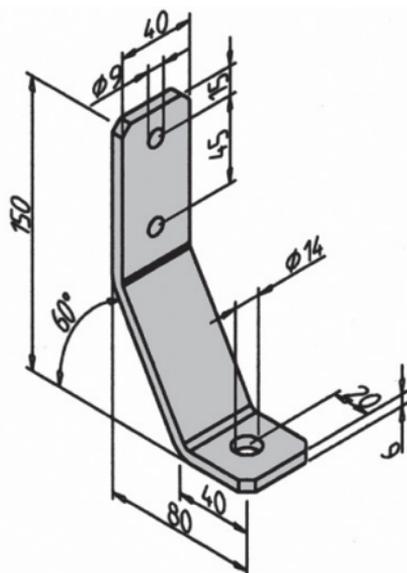
- Used to anchor a structure to a floor or wall

Assembly

- Attaches to profile using M8 x 20mm screws.
- Attaches to floor or wall using anchoring system
- Can be added to existing structures



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-PF-150	Anchor bracket	0,355	✓	19,79 €

*Depending on availability - Dimensions in mm

Floor anchor for aluminium profiles

ACLEFS

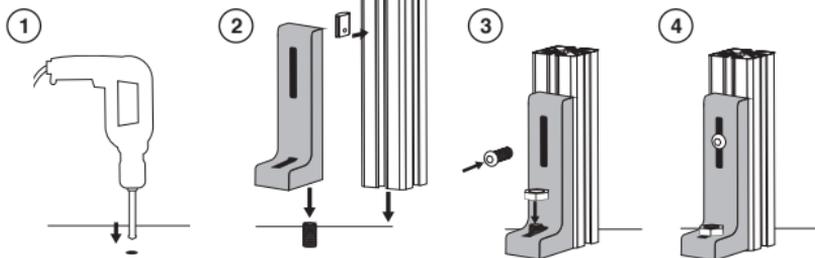
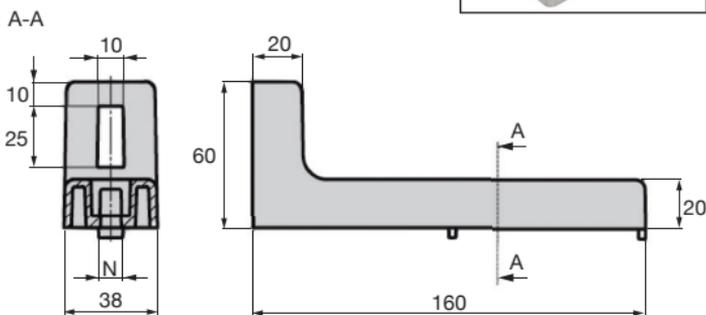
Right angled floor anchor

- For securing aluminium profiles to a floor

- Material :
Die cast zinc

Advantages

- Suitable for use with PRF aluminium profiles
- Only for use with profiles wider than 40mm



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	N	Weight (g)	Stock*	Price each 1 to 49
ACL-EFS-160	8	110	✓	15,14 €

* Depending on availability - Dimensions in mm



Floor anchor for aluminium profiles

Adjustable height floor anchor

ACLEFS/A

- For securing aluminium profiles to a floor

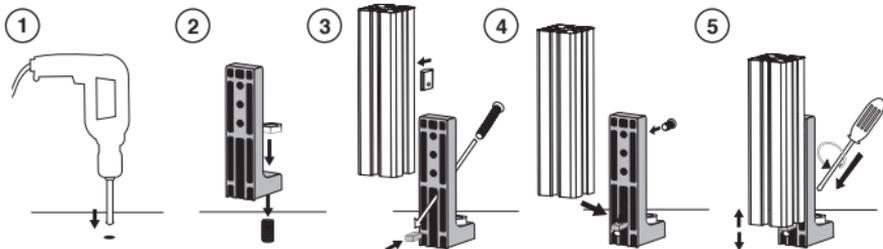
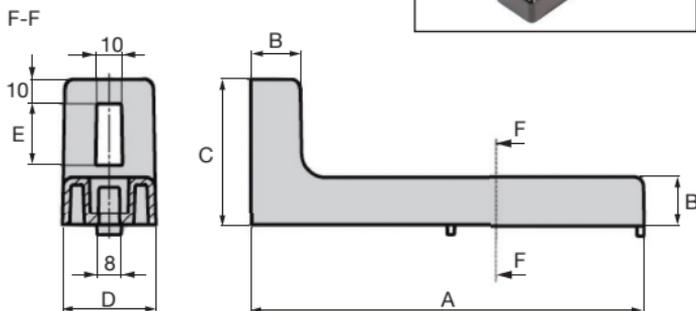
Material:

Die cast zinc

Advantages

- Adjustable
- Suitable for use with PRF aluminium profiles

Adjustable



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Profile size (mm)	A	B	C	D	E	Max height	Weight (g)	Stock*	Price each 1 to 49
ACL-EFS-120/A	30 min	120	15	45	28	19	52	88	✓	16,00 €
ACL-EFS-160/A	40 min	160	20	60	38	29	72	120	✓	23,68 €

* Depending on availability - Dimensions in mm

Foot support for aluminium profile

PRFP

Very stable

- Allows feet or casters to be added to a structure
- Supplied with mounting kit
- Material:
Aluminium GD, grey painted protective (shore) finish

Applications

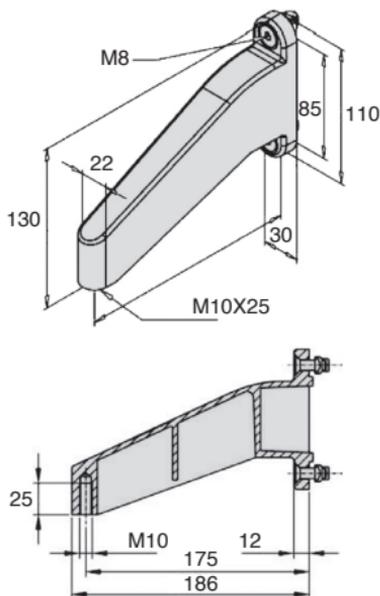
- Mounting of feet or casters

Assembly

- Mounts directly on the aluminium profile using the screws supplied
- Mount swivelling M10 foot or a caster with M10 thread.



Typical application



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Price each
PRF-P-175	Foot support	0,368	1 to 49 24,95 €

Dimensions in mm

- Supplied with profile fixing kit
- Material: grey powder covered steel

Uses

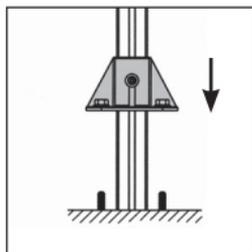
- For attaching panels or chassis to floors
- Suitable for all profiles up to 45x45mm

Assembly

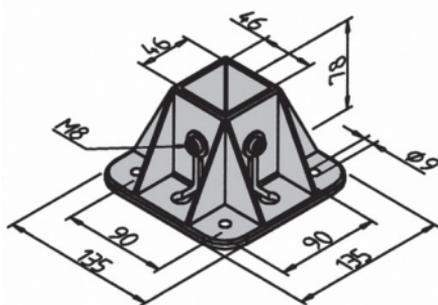
- Insert the profile into the foot
- Insert nuts with sprung tabs into the slots on the profile and lightly tighten the screws
- Make final adjustments to the position of the profile and then firmly tighten the screws
- Use anchoring system if fixing to a floor



Typical application



Mounting example



DISCOUNTS

Qty	1+	50+	100+
Disc.	List	-5%	On request

Part number	Type	Weight (kg)	Stock*	Price each 1 to 49
PRF-P-45	Anchor	0,595	✓	33,29 €

*Depending on availability - Dimensions in mm