



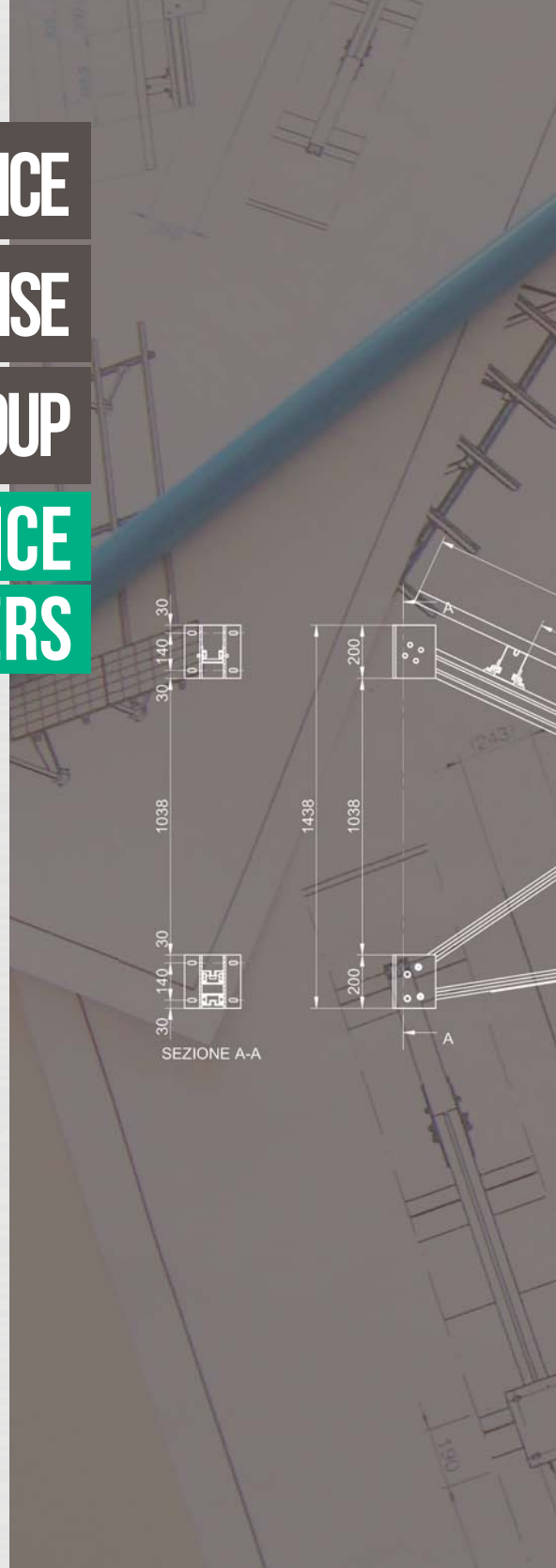
PRODUCT CATALOGUE

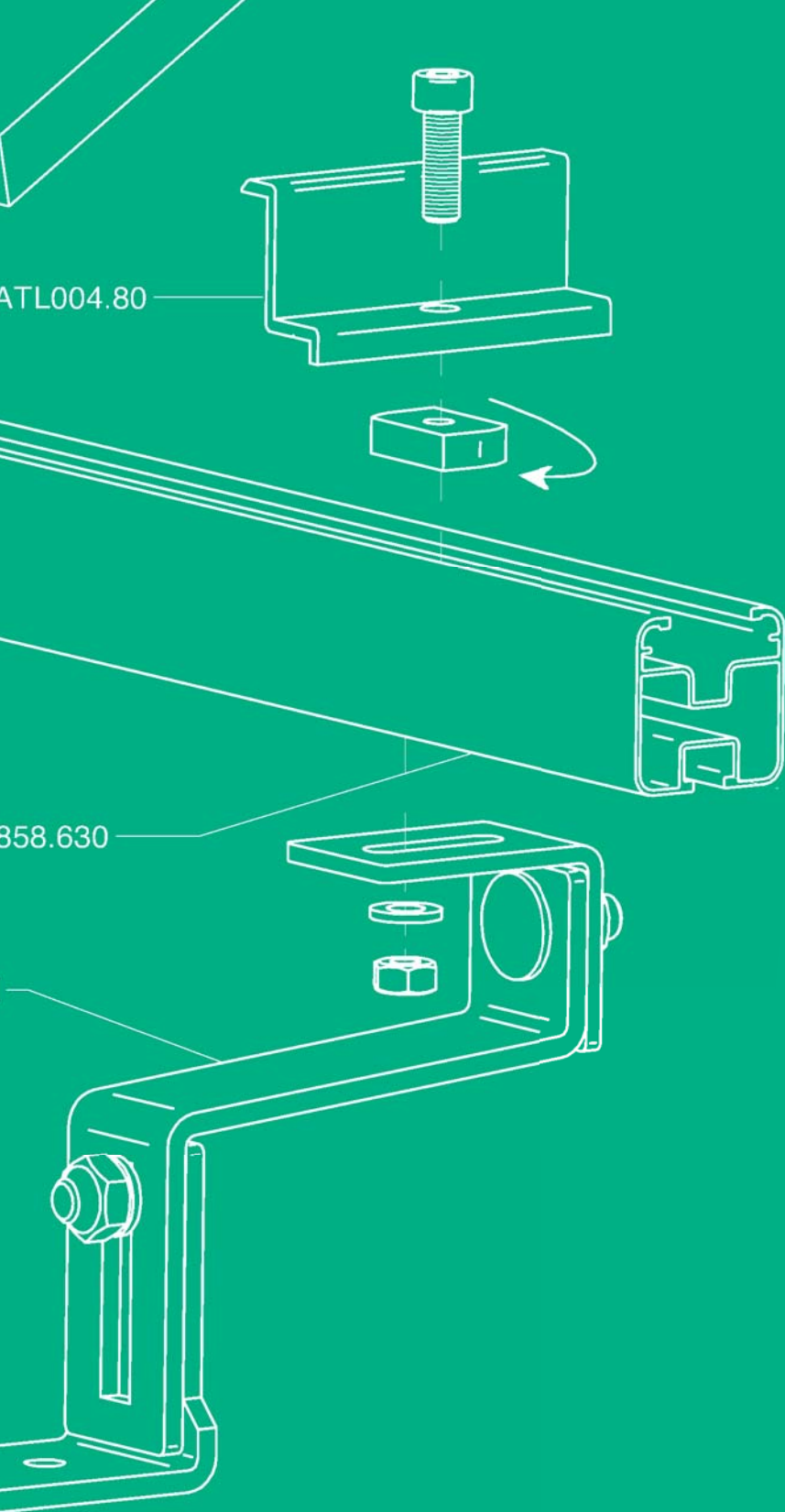
**MOUNTING
SYSTEMS
FOR
PHOTOVOLTAIC
PANELS**

**COMPETENCE
AND EXPERTISE
OF A GROUP
AT THE SERVICE
OF OUR CUSTOMERS**

**KNOWING
IS NOT ENOUGH;
WE MUST APPLY.
WILLING
IS NOT ENOUGH;
WE MUST DO**

**JOHANN WOLFGANG
GOETHE**





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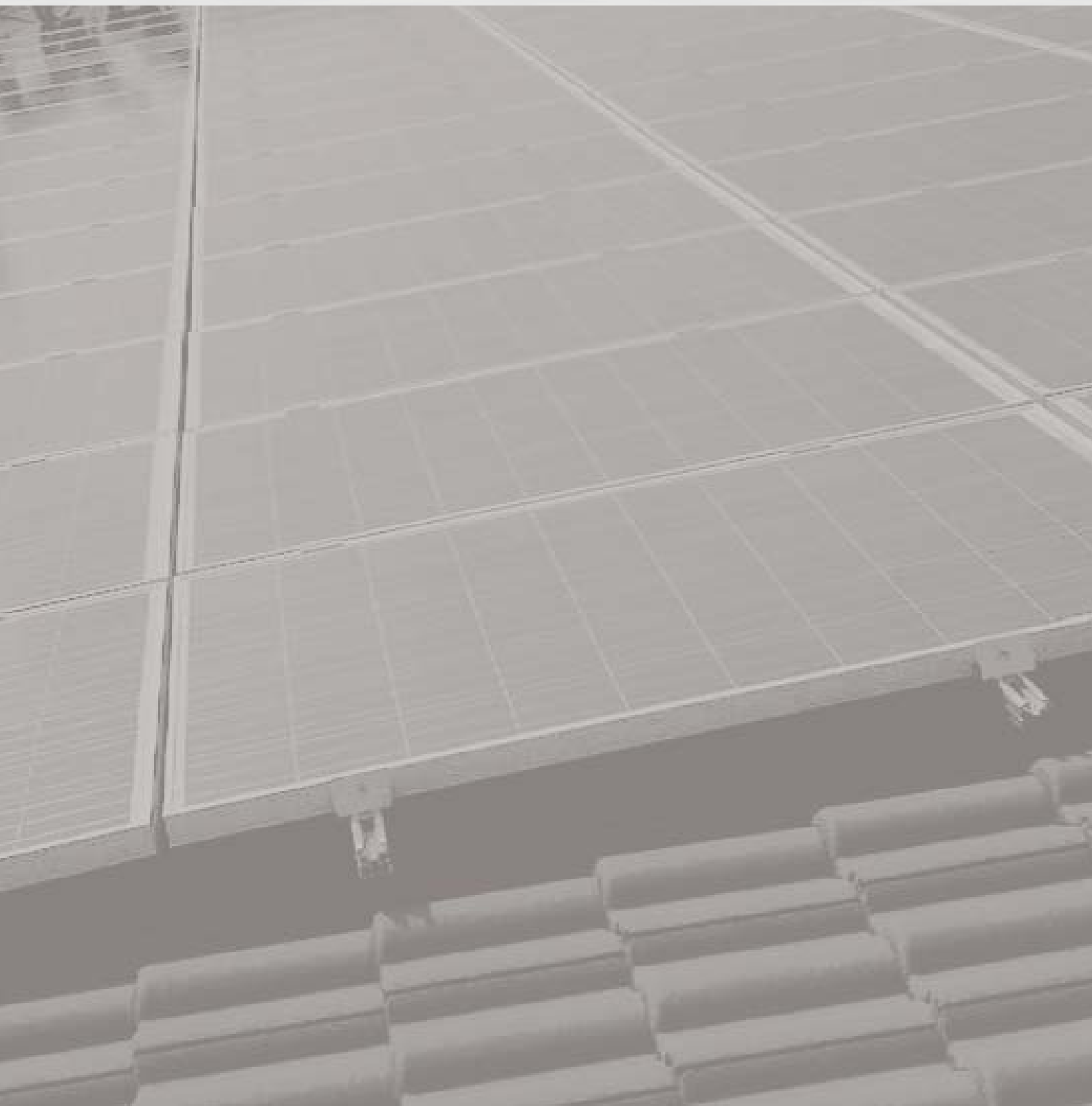


HIGH PERFORMANCE SYSTEM

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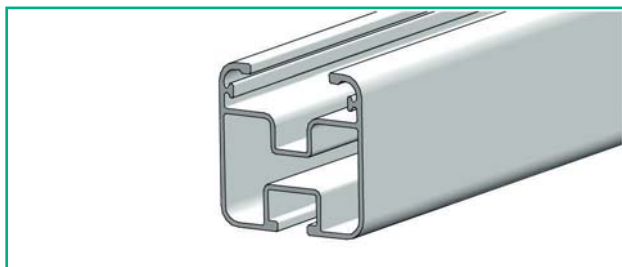




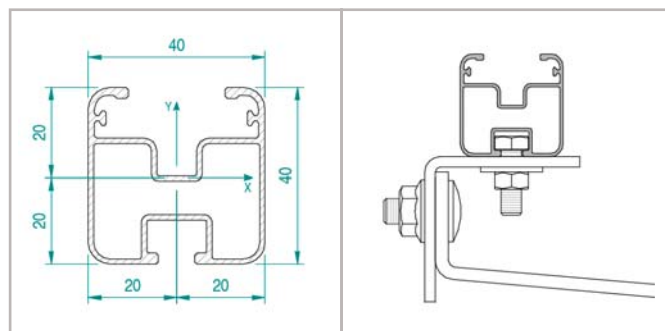




40X40 MOUNTING RAIL

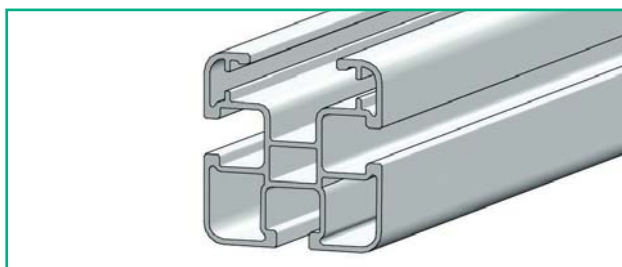


CODE	RAIL LENGTH
ATLPS4858.315	3,15 mt
ATLPS4858.630	6,30 mt

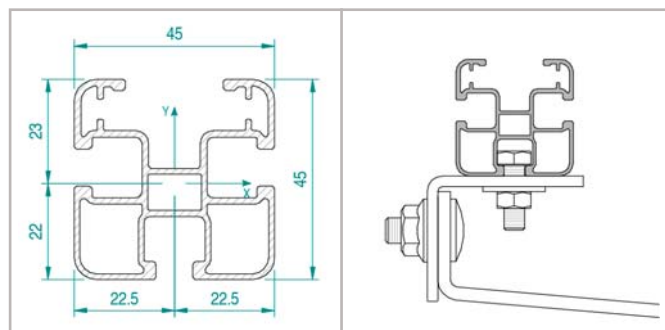


Materials: • Raw extruded aluminium, AL6060-T6
Characteristics: • $b_{xx} = 45001.79 \text{ mm}^4$
 • $b_{yy} = 54629.39 \text{ mm}^4$
 • Area = 269.59 mm²

45X45 MOUNTING RAIL

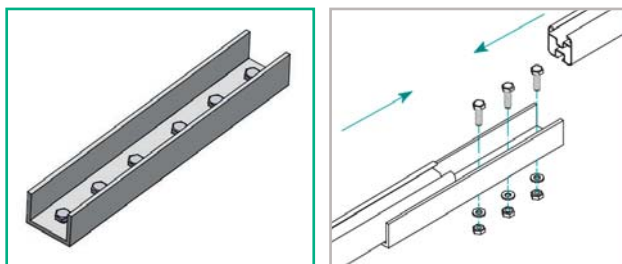


CODE	RAIL LENGTH
ATLPS4575.315	3,15 mt
ATLPS4575.630	6,30 mt



Materials: • Raw extruded aluminium, AL6060-T6
Characteristics: • $b_{xx} = 77286.69 \text{ mm}^4$
 • $b_{yy} = 93214.79 \text{ mm}^4$
 • Area = 410.15 mm²

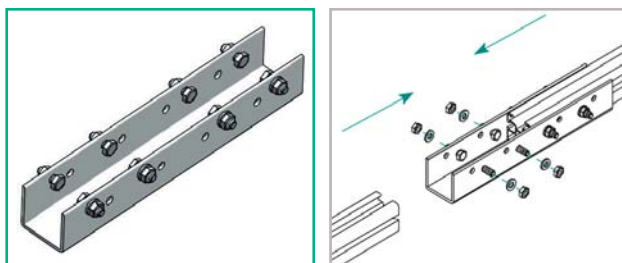
JOINT FOR 40X40 MOUNTING RAIL



CODE	DIMENSIONS
ATL048	Base = 41mm - H = 35mm - L = 300mm

Materials: • Raw extruded aluminium, AL6060-T5
 • A2 stainless steel fasteners (included)
Characteristics: • Only compatible with 40x40 mounting rail

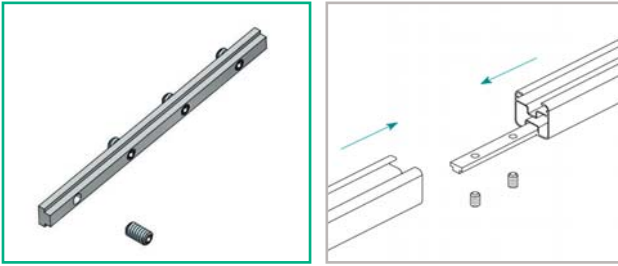
JOINT FOR 45X45-45X65 MOUNTING RAIL



CODE	DIMENSIONS
ATL010	Base = 54mm - H = 48mm - L = 300mm

Materials: • Raw extruded aluminium, AL6060-T5
 • A2 stainless steel fasteners (included)
Characteristics: • Only compatible with 45x45-45x65 mounting rail

RAIL ALIGNMENT BAR

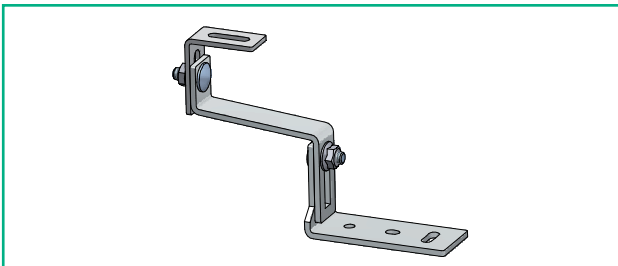


CODE	LENGTH
ATL009	180 mm

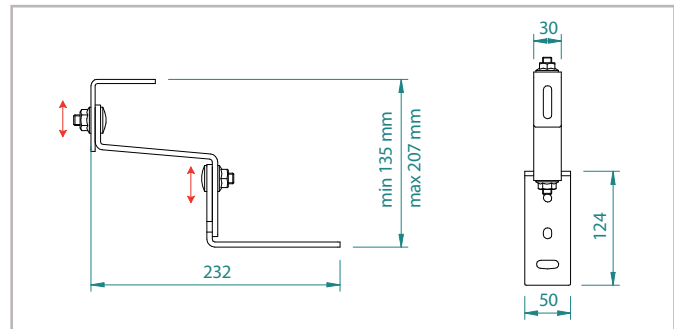
- Materials:**
- Galvanised steel
- Characteristics:**
- Complete with n. 4 grub screws
 - Compatible with 40x40 and 45x45 mounting rails



BRACKET FOR CURVED-TILE ROOF – DOUBLE ADJUSTMENT

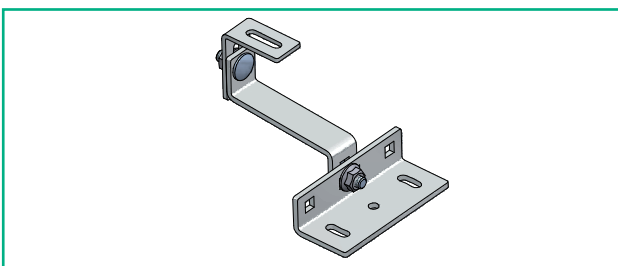


CODE	MATERIAL
ATL017.AI	Stainless steel AISI304
ATL017.ZN	HOT galvanised steel

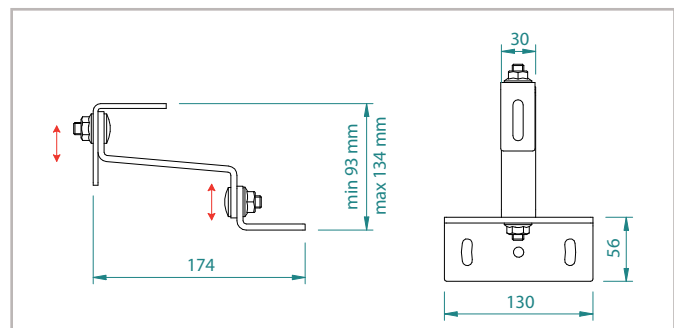


- Characteristics:**
- Fully adjustable bracket (base, height and upper hook)
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

BRACKET FOR TILE ROOF – DOUBLE ADJUSTMENT

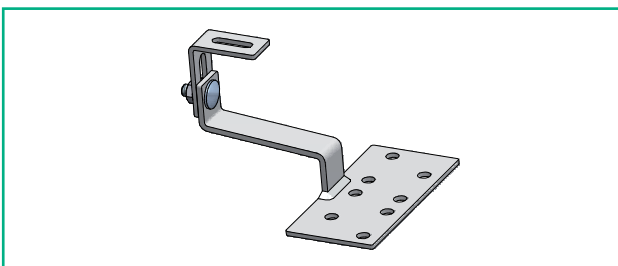


CODE	MATERIAL
ATL015.AI	Stainless steel AISI304
ATL015.ZN	HOT galvanised steel

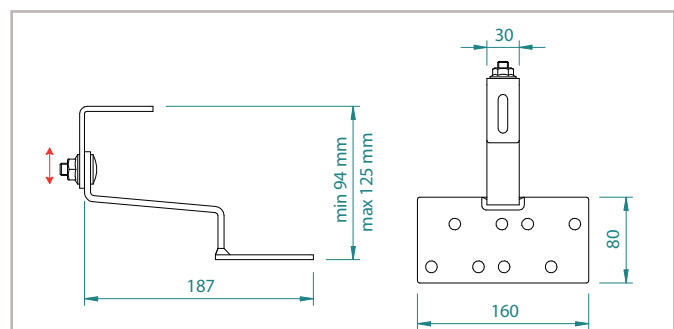


- Characteristics:**
- Fully adjustable bracket (base, height and upper hook)
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

BRACKET FOR TILE ROOF – SINGLE ADJUSTMENT



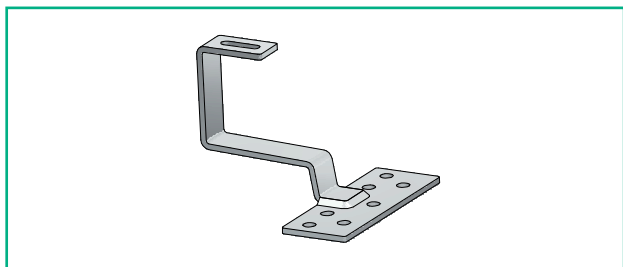
CODE	MATERIAL
ATL083.AI	Stainless steel AISI304
ATL083.ZN	HOT galvanised steel



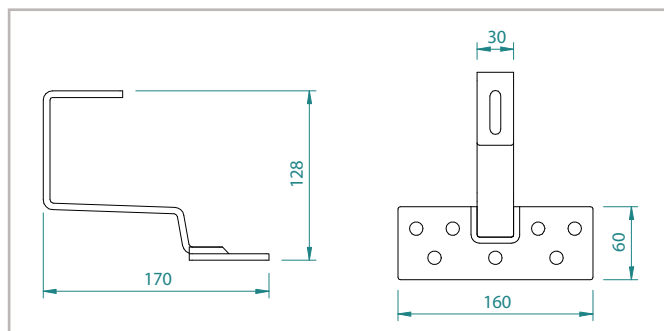
- Characteristics:**
- Bracket with adjustable upper hook
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail



BRACKET FOR TILE ROOF – FIXED

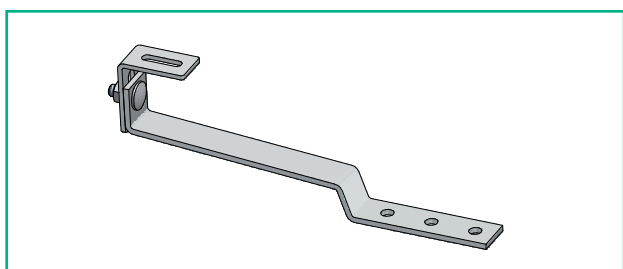


CODE	MATERIAL
ATL079.AI	Stainless steel AISI304
ATL079.ZN	HOT galvanised steel

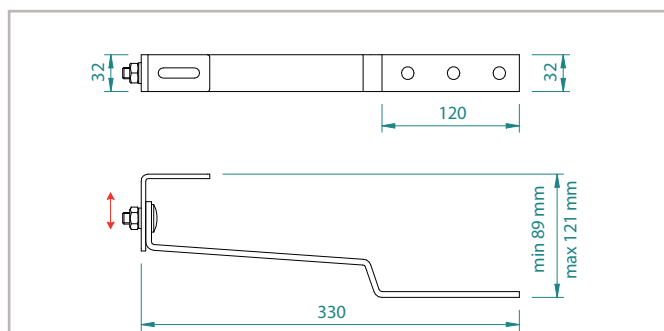


- Characteristics:**
- Not adjustable bracket
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

BRACKET FOR PLAIN-TILE ROOF – SINGLE ADJUSTMENT

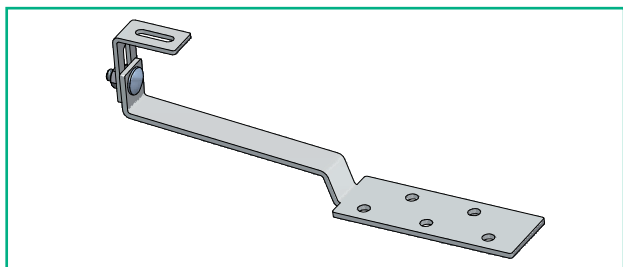


CODE	MATERIAL
ATL028.AI	Stainless steel AISI304
ATL028.ZN	HOT galvanised steel

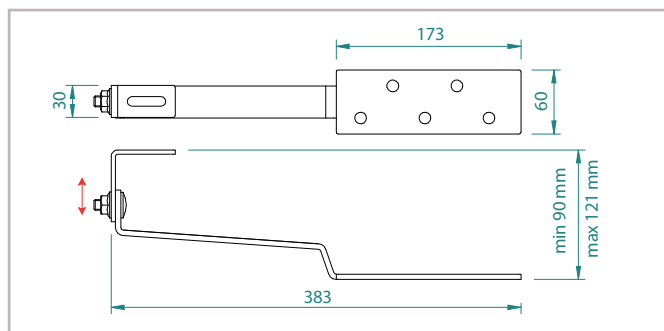


- Characteristics:**
- Bracket with adjustable upper hook
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

BRACKET WITH WIDE BASE FOR PLAIN TILE – SINGLE ADJUSTM.

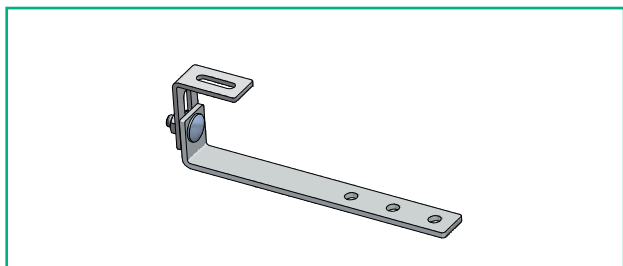


CODE	MATERIAL
ATL078.AI	Stainless steel AISI304
ATL078.ZN	HOT galvanised steel

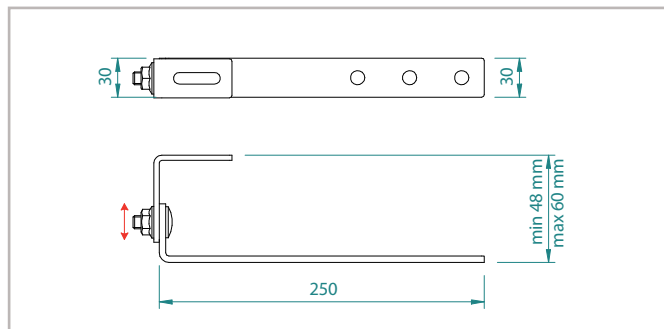


- Characteristics:**
- Bracket with adjustable upper hook
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

BRACKET FOR SLATE ROOFING – SINGLE ADJUSTMENT

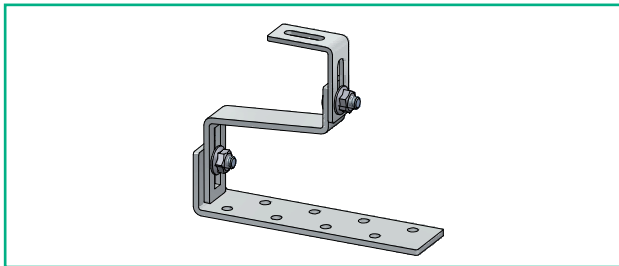


CODE	MATERIAL
ATL080.AI	Stainless steel AISI304
ATL080.ZN	HOT galvanised steel

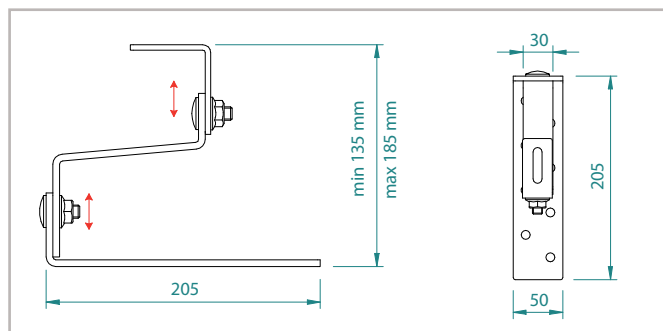


- Characteristics:**
- Bracket with adjustable upper hook
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

BRACKET WITH REVERSE CONNECTION – DOUBLE ADJUSTMENT

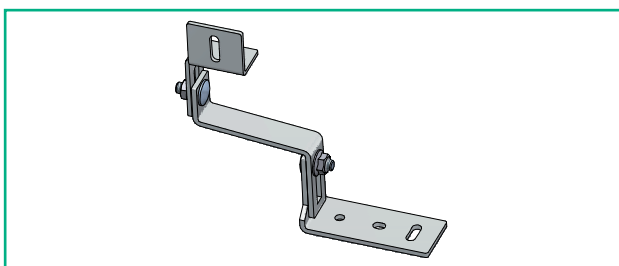


CODE	MATERIAL
ATL095.AI	Stainless steel AISI304
ATL095.ZN	HOT galvanised steel

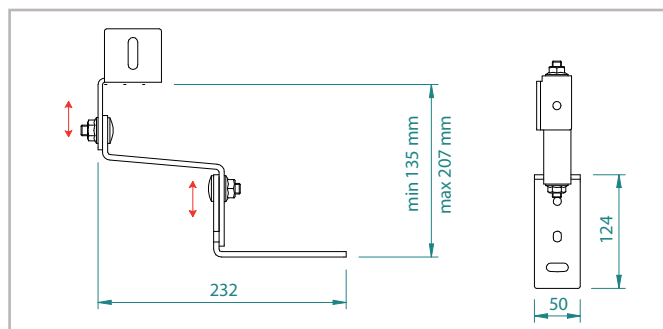


- Characteristics:**
- Fully adjustable bracket (base, height and upper hook)
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

SIDE-FITTING BRACKET FOR CURVED TILE – DOUBLE ADJUST.

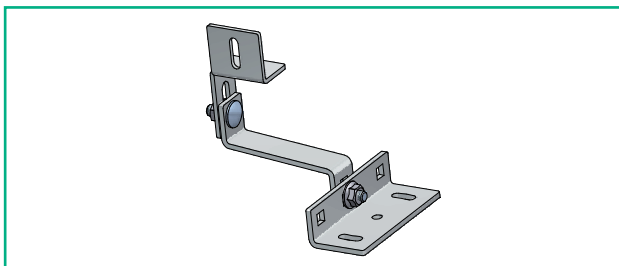


CODE	MATERIAL
ATL018.AI	Stainless steel AISI304
ATL018.ZN	HOT galvanised steel

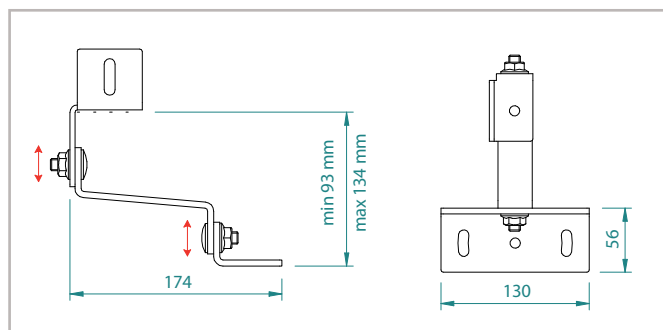


- Characteristics:**
- Fully adjustable bracket, with side fixing to the rail
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

SIDE-FITTING BRACKET FOR TILE – DOUBLE ADJUST.

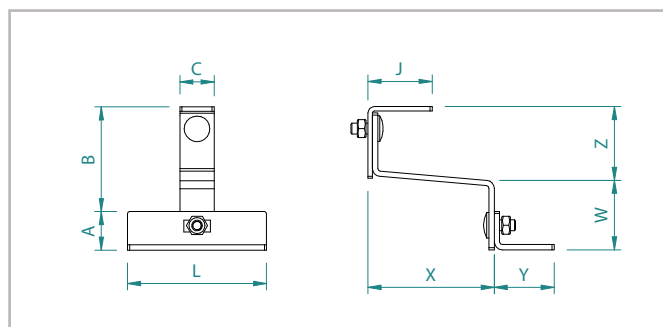
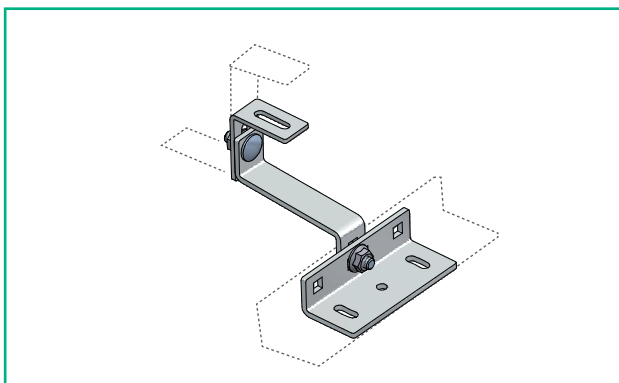


CODE	MATERIAL
ATL016.AI	Stainless steel AISI304
ATL016.ZN	HOT galvanised steel



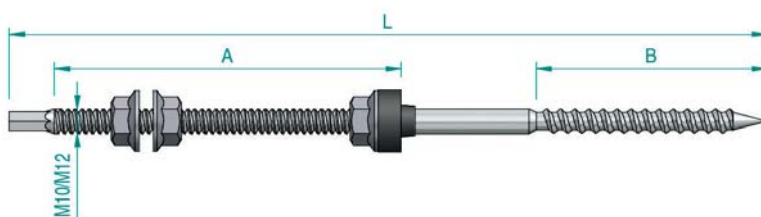
- Characteristics:**
- Fully adjustable bracket, with side fixing to the rail
 - Fasteners for profile fixing in A2 stainless steel (included)
 - Thick. = 5mm
 - Compatible with 40x40 and 45x45 mounting rail

CUSTOMISED BRACKETS



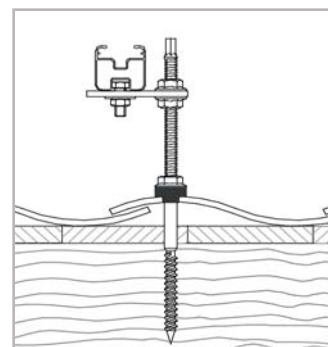
Alusistemi can manufacture different kinds of brackets also using different materials

DOUBLE-FLIGHTED SELF TAPPING SCREW – FOR WOOD



CODE	Ø	L	A	B
ATL022.M10.160	M10	160	70	67
ATL022.M10.180		180	85	67
ATL022.M10.200		200	85	67
ATL022.M10.250		250	85	67
ATL022.M10.300		300	150	67

CODE	Ø	L	A	B
ATL022.M12.200	M12	200	100	80
ATL022.M12.250		250	100	100
ATL022.M12.300		300	150	100
ATL022.M12.350		350	195	100
ATL022.M12.400		400	220	100



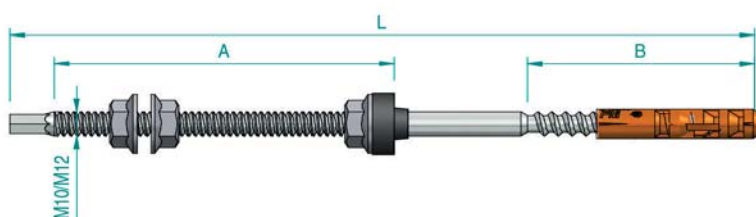
Materials:

- A2 stainless steel screw and flanged bolts
- EPDM seal

Notes:

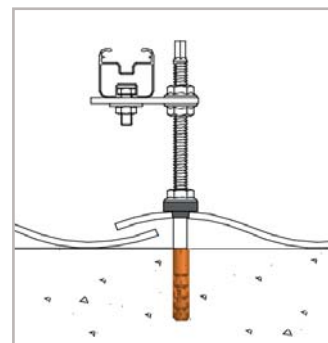
- Pre-assembled flanged bolts and seal included

DOUBLE-FLIGHTED SELF TAPPING SCREW – FOR CONCRETE



CODE	Ø	L	A	B
ATL090.M10.160	M10	160	70	67
ATL090.M10.180		180	85	67
ATL090.M10.200		200	85	67
ATL090.M10.250		250	85	67
ATL090.M10.300		300	150	67

CODE	Ø	L	A	B
ATL090.M12.200	M12	200	100	80
ATL090.M12.250		250	100	100
ATL090.M12.300		300	150	100
ATL090.M12.350		350	195	100
ATL090.M12.400		400	220	100



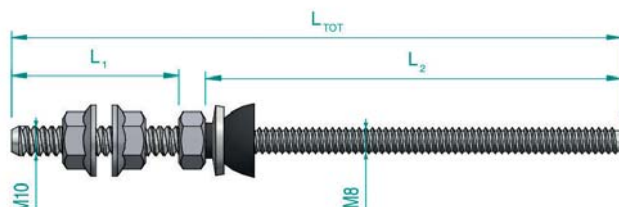
Materials:

- A2 stainless steel screw and flanged bolts
- EPDM seal
- Nylon insert

Notes:

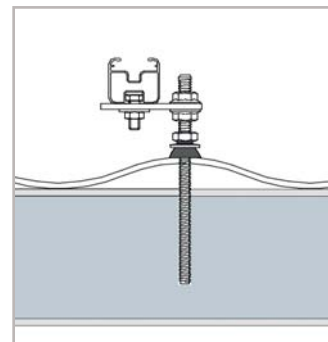
- Pre-assembled flanged bolts and seal included
- Nylon insert included

DOUBLE-FLIGHTED SELF TAPPING SCREW – FOR METAL



CODE	L1	Ø	L2	Tot L
ATL082.A50.80	50	M8	80	136
ATL082.A50.100			100	156
ATL082.A50.125			125	181
ATL082.A50.150			150	206
ATL082.A50.160			160	216
ATL082.A50.200			200	256

CODE	L1	Ø	L2	Tot L
ATL082.A70.80	70	M8	80	156
ATL082.A70.100			100	176
ATL082.A70.125			125	201
ATL082.A70.150			150	226
ATL082.A70.160			160	236
ATL082.A70.200			200	276



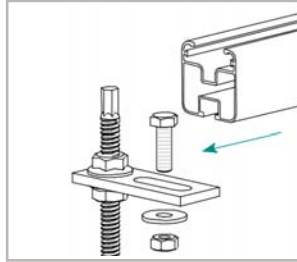
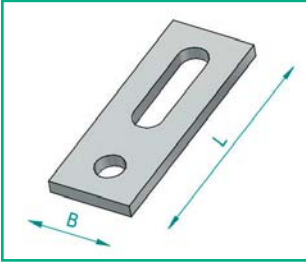
Materials:

- A2 stainless steel screw and flanged bolts
- EPDM seal

Notes:

- Pre-assembled flanged bolts and seal included

PLATE FOR THREADED ELEMENTS



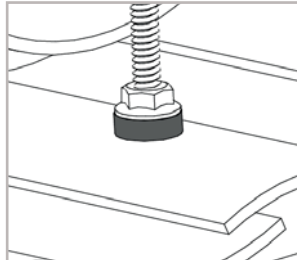
CODE
ATL23.M10
ATL23.M12

Ø
M10
M12

- Materials:** • Stainless steel AISI304
Dimensions: • B= 40 mm – L= 82mm – Thick.= 5mm
Characteristics: • Compatible with double-flighted self tapping screws and threaded bars
 • Fasteners for profile fixing in A2 stainless steel (included)



EPDM SEAL FOR THREADED ELEMENTS

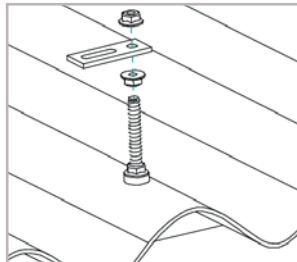


CODE
ATL031

DIMENSIONS
Ø10 ÷ Ø12

- Materials:** • Black EPDM
Characteristics: • Compatible with threaded elements both of M10 and M12

THREADED BAR

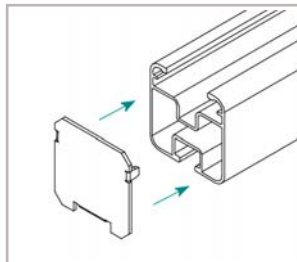
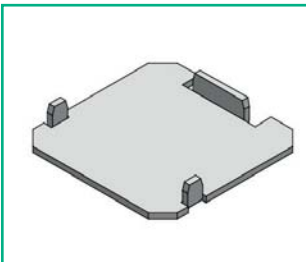


CODE
ATL068.M10
ATL068.M12
ATL089.M10
ATL089.M12

TYPE	Ø	L
STAINLESS STEEL	M10	1mt
	M12	
GALVANISED STEEL	M10	1mt
	M12	

- Materials:** • A2 stainless steel
 • Galvanised steel

COVER CAP 40X40

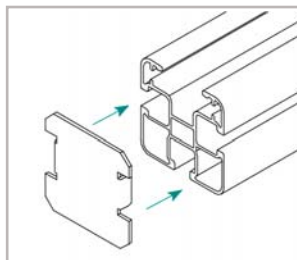
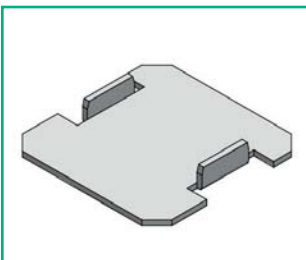


CODE
ATL047.4040

APPLICATION
For 40x40 mounting rail

- Materials:** • Raw aluminium
Characteristics: • Only compatible with 40x40 mounting rail
Application: • Snap-in application

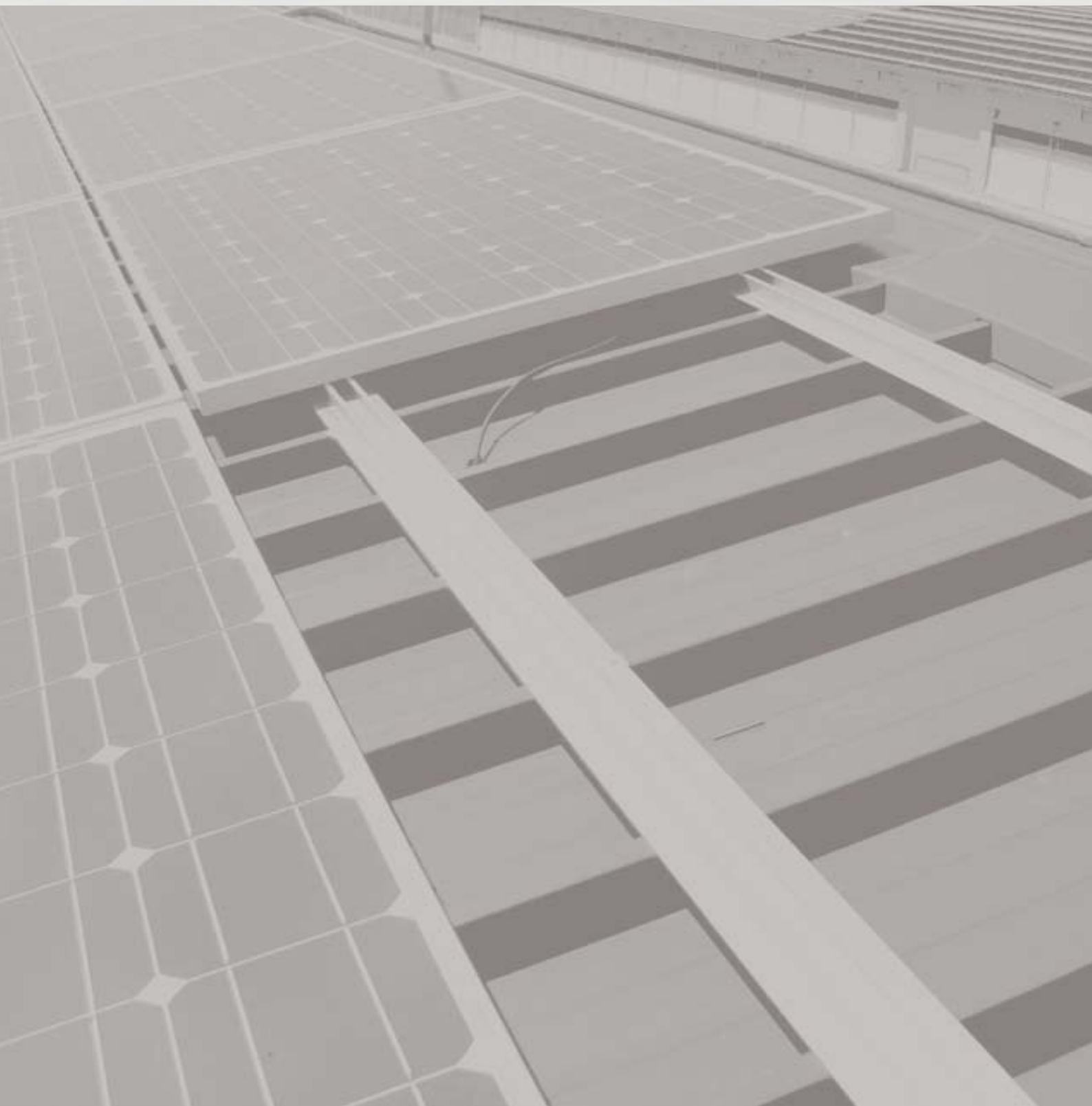
COVER CAP 45X45



CODE
ATL047.4545

APPLICATION
For 45x45 mounting rail

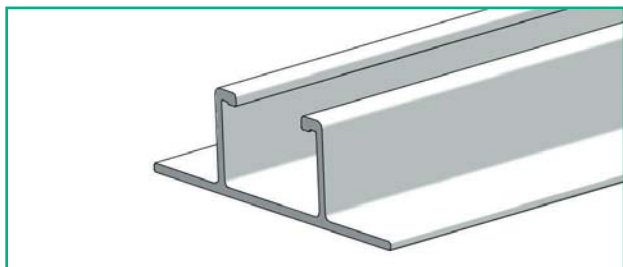
- Materials:** • Raw aluminium
Characteristics: • Only compatible with 45x45 mounting rail
Application: • Snap-in application



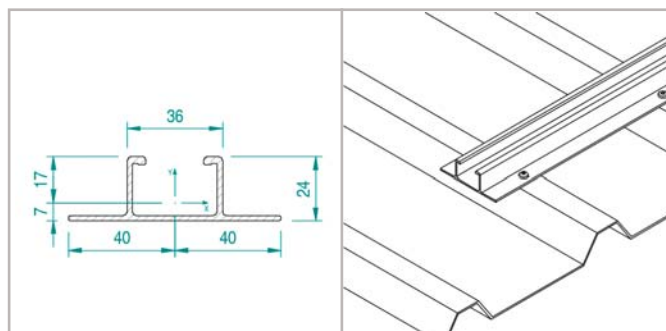
02 PITCHED ROOF / FRETTED SHEET



H24 MOUNTING RAIL

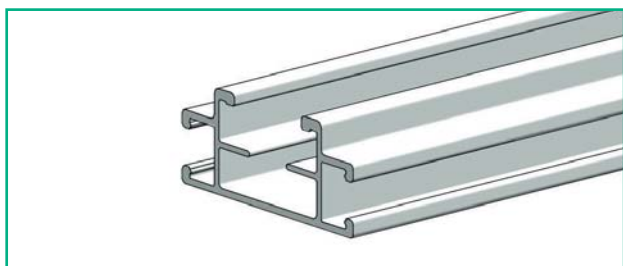


CODE	RAIL LENGTH
ATLPS4568.315	3,15 mt
ATLPS4568.630	6,30 mt

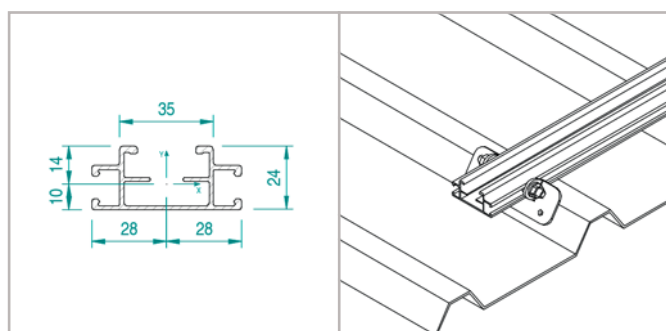


- Materials:** • Raw extruded aluminium, AL6060-T6
- Characteristics:** • $b_{xx} = 18932.71 \text{ mm}^4$
• $b_{yy} = 115687.53 \text{ mm}^4$
• Area = 276.00 mm^2

H24 MOUNTING RAIL WITH LATERAL SLOTS

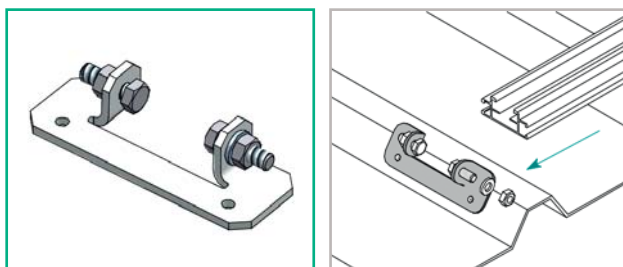


CODE	RAIL LENGTH
ATLPS4712.315	3,15 mt
ATLPS4712.630	6,30 mt



- Materials:** • Raw extruded aluminium, AL6060-T6
- Characteristics:** • $b_{xx} = 17385.94 \text{ mm}^4$
• $b_{yy} = 87678.83 \text{ mm}^4$
• Area = 272.88 mm^2

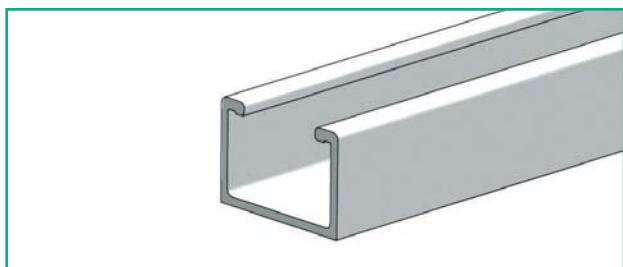
PLATE FOR H24 MOUNTING RAIL WITH LATERAL SLOTS



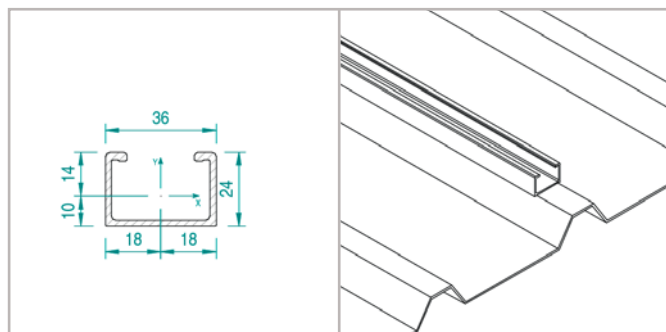
CODE	DIMENSIONS
ATL025	L = 120 mm - H = 40 mm

- Materials:** • Raw aluminium
• Fasteners for profile fixing in A2 stainless steel (included)
- Characteristics:** • Only compatible with H24 mounting rail with lateral slots

C-SHAPED H24 MOUNTING RAIL



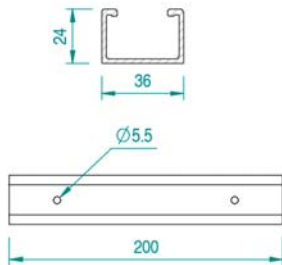
CODE	RAIL LENGTH
ATLPS4759.315	3,15 mt
ATLPS4759.630	6,30 mt



- Materials:** • Raw extruded aluminium, AL6060-T6
- Characteristics:** • $b_{xx} = 14385.92 \text{ mm}^4$
• $b_{yy} = 38134.50 \text{ mm}^4$
• Area = 187.21 mm^2

PITCHED ROOF - FRETTED SHEET

FIXING BAR FOR FRETTED SHEET – HORIZONTAL MODULE



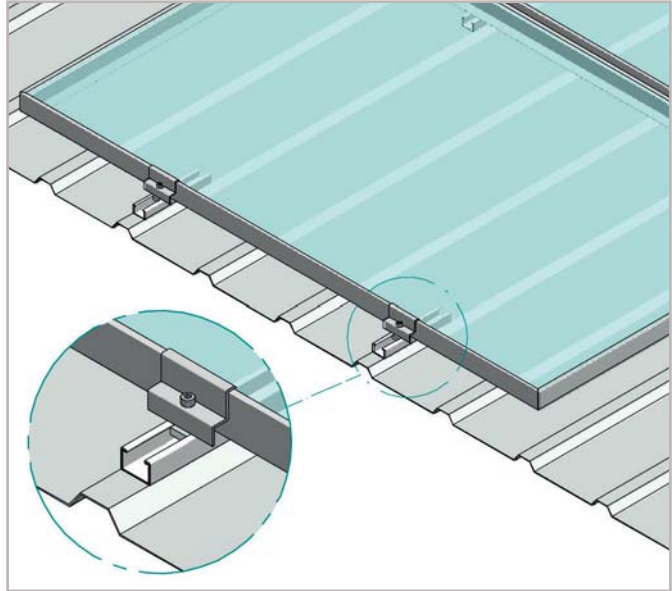
CODE

ATL059

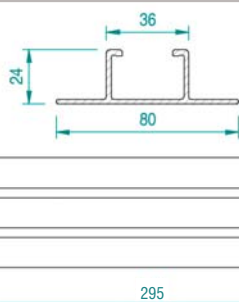
BAR LENGTH

200 mm

- Materials:** • Raw extruded aluminium, AL6060-T6
- Characteristics:** • Provided with 2 holes for screw or blind rivet housing.
• For the laying, the use of EPDM sheath tape or of BUTYLENE waterproofing tape is recommended



FIXING BAR FOR FRETTED SHEET – VERTICAL MODULE



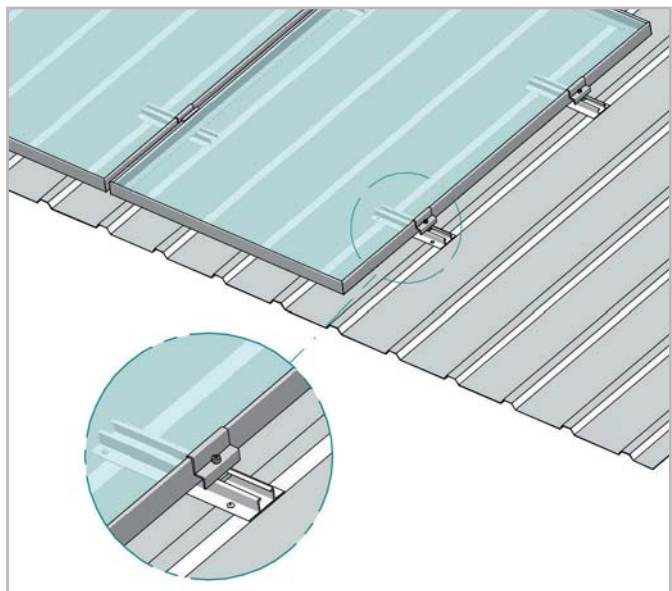
CODE

ATL091

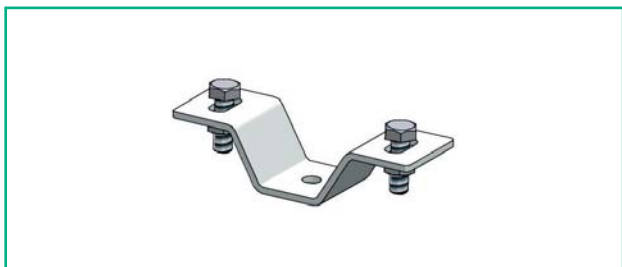
BAR LENGTH

295 mm

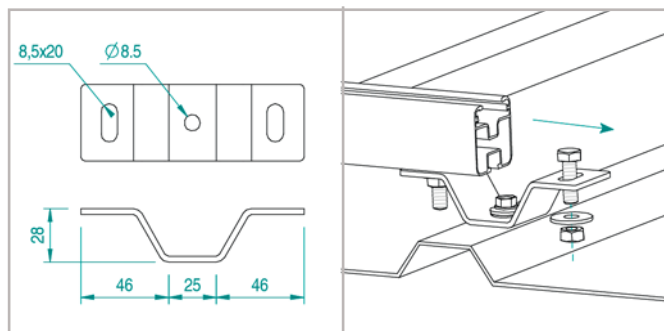
- Materials:** • Raw extruded aluminium, AL6060-T6
- Characteristics:** • For the laying, the use of EPDM sheath tape or of BUTYLENE waterproofing tape is recommended
- Notes:** • On request, possibility of different bar lengths



DIRECTIONAL BRACKET FOR FRETTED SHEET

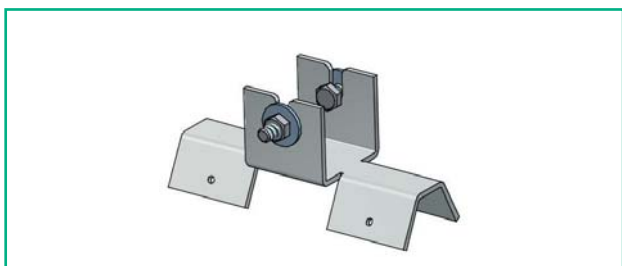


CODE	DIMENSIONS
ATL092	L = 117 mm - H = 28 mm

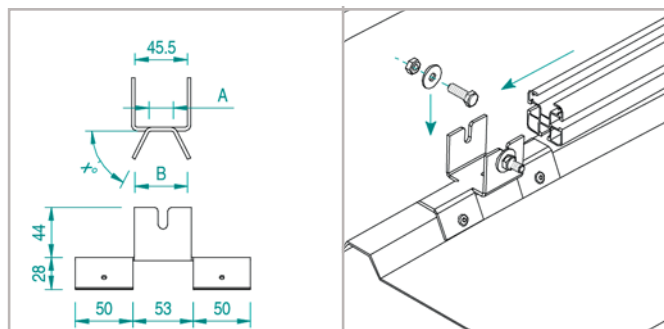


- Materials:**
- Stainless steel AISI304
- Characteristics:**
- Compatible with 40x40 and 45x45 mounting rails
 - Fasteners for profile fixing in A2 stainless steel (included)

BRACKET FOR FRETTED SHEET – LONGITUDINAL ANCHORING

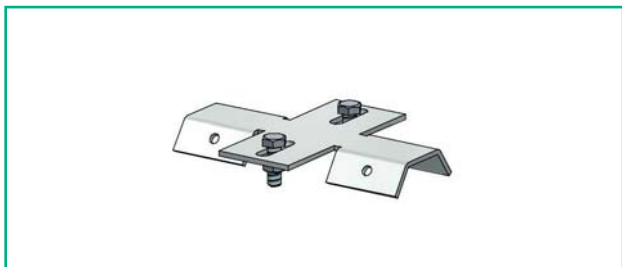


CODE	DIMENSIONS
ATL093	Customised

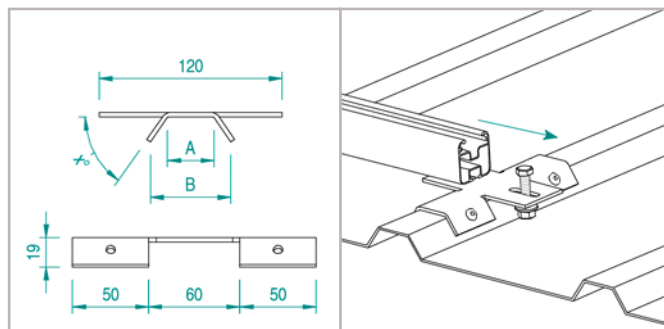


- Materials:**
- Stainless steel AISI304
- Characteristics:**
- Compatible with 40x40 and 45x45 mounting rails
 - Fasteners for profile fixing in A2 stainless steel (included)

BRACKET FOR FRETTED SHEET – TRANSVERSE ANCHORING

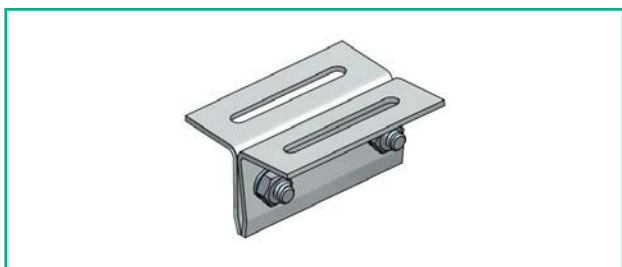


CODE	DIMENSIONS
ATL094	Customised

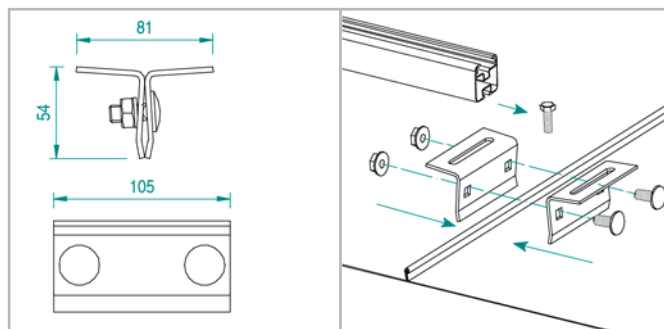


- Materials:**
- Stainless steel AISI304
- Characteristics:**
- Compatible with 40x40 and 45x45 mounting rails
 - Fasteners for profile fixing in A2 stainless steel (included)

BRACKET FOR RAIL FIXING ON FOLDED SHEET

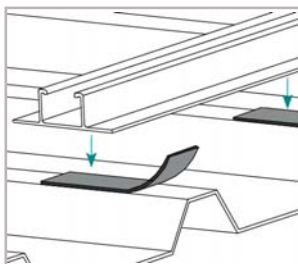


CODE	BRACKET LENGTH
ATL034	105 mm



- Materials:**
- Bracket in stainless steel AISI304
- Characteristics:**
- Fasteners for bracket assembly in A2 stainless steel (included)
 - Compatible with 40x40 and 45x45 mounting rails
 - Fasteners for profile fixing in A2 stainless steel (included)

EPDM SHEATH TAPE

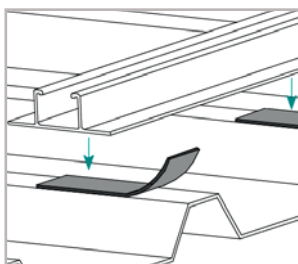


CODE
ATL057

DIMENSIONS
Length= 20mt - Width=30 mm - Thick. 2mm

- Materials:**
- Black crosslinked EPDM - adhesive with protective film
- Characteristics:**
- Density= 130 Kg/m³
 - Operating temperature = -80° ÷ +100°
 - Suitable for the aluminium rails and accessories laying on fretted sheet

BUTYLENE WATERPROOFING SHEATH TAPE

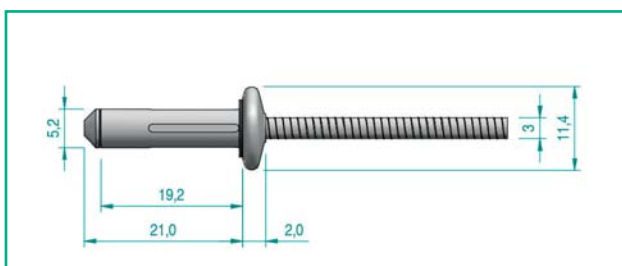


CODE
ATL077

DIMENSIONS
Length = 10mt - Width 30 mm - Thick. = 1,5mm

- Materials:**
- Butyl compound reinforced with polyester mesh – adhesive with protective film
- Characteristics:**
- Tensile strength = >140 N/50 mm
 - Elongation at break = >15%
 - Operating temperature = -40° ÷ +130°
 - Suitable in case of use of self tapping screws in order to drive the hole waterproofing

ALUMINIUM BLIND RIVET – WITH SEAL

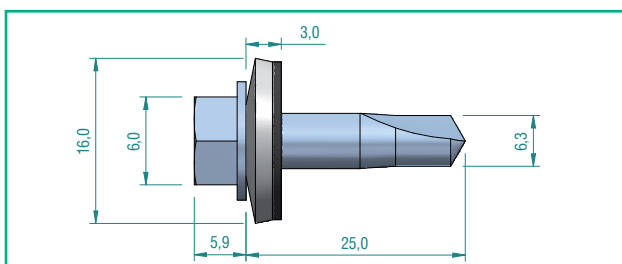


CODE
ATL058

DIMENSIONS
Ø= 5,2 - L= 19,2 mm

- Materials:**
- Aluminium with black rubber seal
- Characteristics:**
- Pre-bored hole= Ø 5,35
 - Suitable for the laying of aluminium rails and accessories on fretted sheet

BIMETAL SELF-DRILLING SCREW

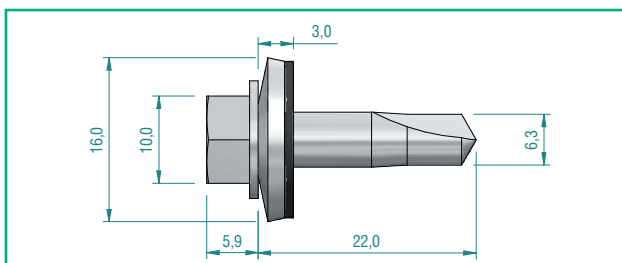


CODE
ATL074

DIMENSIONS
Ø= 6,3 mm - L= 25 mm

- Materials:**
- Body of the screw = stainless steel A4 70
 - Tip of the screw = hardened steel
 - Sealing washer = stainless steel + black EPDM
- Characteristics:**
- Special anti-friction coating
 - Drilling capacity in sheets with thickness up to 1 mm

SELF-DRILLING SCREW WITH ANTICORROSION COATING



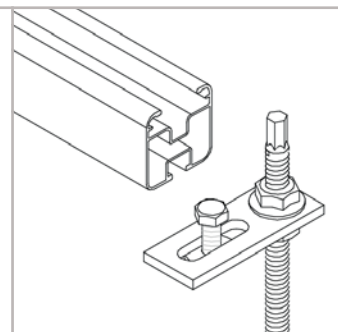
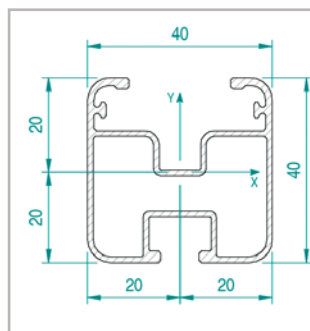
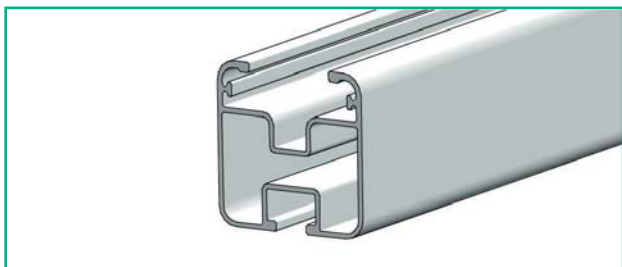
CODE
ATL076

DIMENSIONS
Ø= 6,3 mm - L= 22 mm

- Materials:**
- Casehardened steel, white galvanised
 - Sealing washer = A2 stainless steel + black EPDM
- Characteristics:**
- Anticorrosion coating, suitable for application in aggressive environment (sea areas, industrial areas ...)
 - Drilling capacity in sheets with thickness up to 1 mm



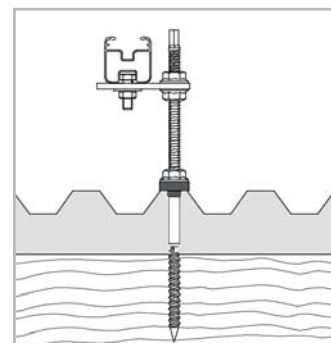
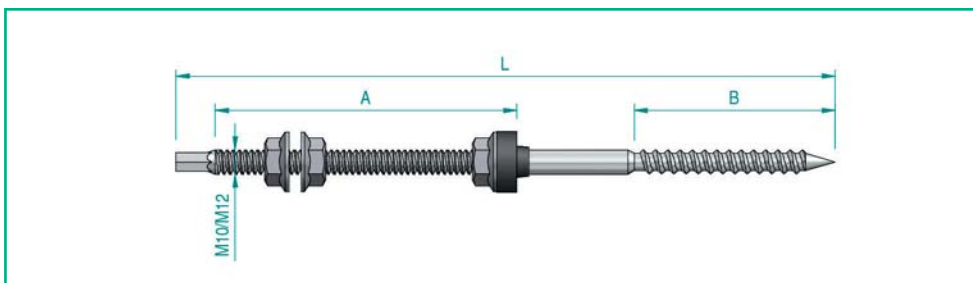
40X40 MOUNTING RAIL



CODE	RAIL LENGTH
ATLPS4858.315	3,15 mt
ATLPS4858.630	6,30 mt

Materials: • Raw extruded aluminium, AL6060-T6
Characteristics: • $b_x = 45001.79 \text{ mm}^4$
 • $l_y = 54629.39 \text{ mm}^4$
 • Area = 269.59 mm^2

DOUBLE-FLIGHTED SELF TAPPING SCREW – FOR WOOD

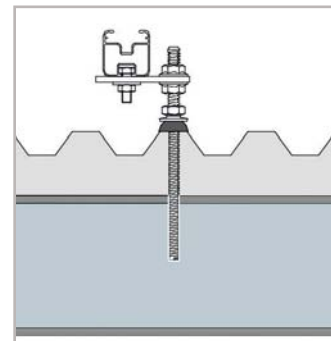
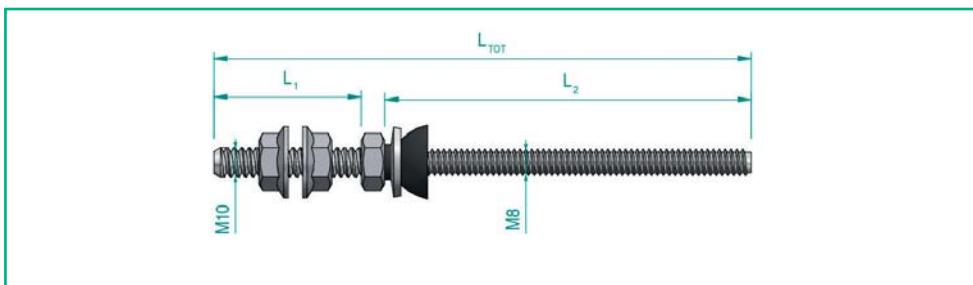


CODE	Ø	L	A	B
ATL022.M10.160	M10	160	70	67
ATL022.M10.180		180	85	67
ATL022.M10.200		200	85	67
ATL022.M10.250		250	85	67
ATL022.M10.300		300	150	67
CODE	Ø	L	A	B
ATL022.M12.200	M12	200	100	80
ATL022.M12.250		250	100	100
ATL022.M12.300		300	150	100
ATL022.M12.350		350	195	100
ATL022.M12.400		400	220	100

Materials:
 • A2 stainless steel screw and flanged bolts
 • EPDM seal

Notes:
 • Pre-assembled flanged bolts and seal included

DOUBLE-FLIGHTED SELF TAPPING SCREW – FOR METAL

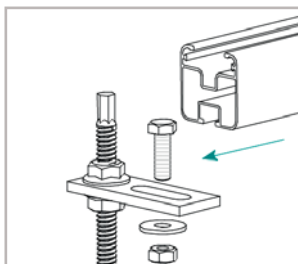
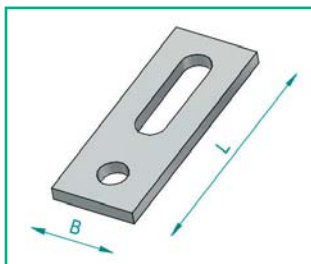


CODE	L1	Ø	L2	Tot L
ATL082.A50.80	50	M8	80	136
ATL082.A50.100			100	156
ATL082.A50.125			125	181
ATL082.A50.150			150	206
ATL082.A50.160			160	216
ATL082.A50.200			200	256
CODE	L1	Ø	L2	Tot L
ATL082.A70.80	70	M8	80	156
ATL082.A70.100			100	176
ATL082.A70.125			125	201
ATL082.A70.150			150	226
ATL082.A70.160			160	236
ATL082.A70.200			200	276

Materials:
 • A2 stainless steel screw and flanged bolts
 • EPDM seal

Notes:
 • Pre-assembled flanged bolts and seal included

PLATE FOR THREADED ELEMENTS

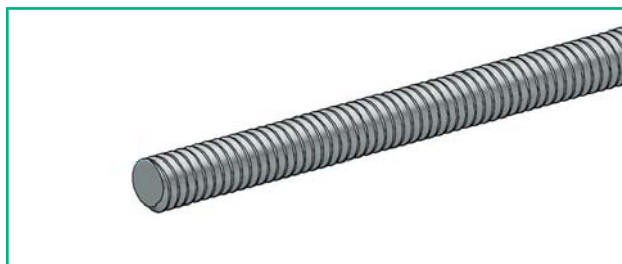


CODE
ATL23.M10
ATL23.M12

Ø
M10
M12

- Materials:** • Stainless steel AISI304
- Dimensions:** • B= 40 mm – L= 82mm – Thick.= 5mm
- Characteristics:** • Compatible with double-flighted self tapping screws and threaded bars
- Fasteners for profile fixing included (in A2 stainless steel)

THREADED BAR

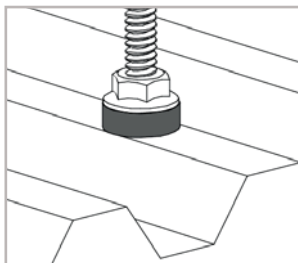


CODE
ATL068.M10
ATL068.M12
ATL089.M10
ATL089.M12

TYPE	Ø	L
STAINLESS STEEL	M10	1mt
	M12	
GALVANISED STEEL	M10	1mt
	M12	

- Materials:** • A2 stainless steel
- Galvanised steel

EPDM SEAL FOR THREADED ELEMENTS

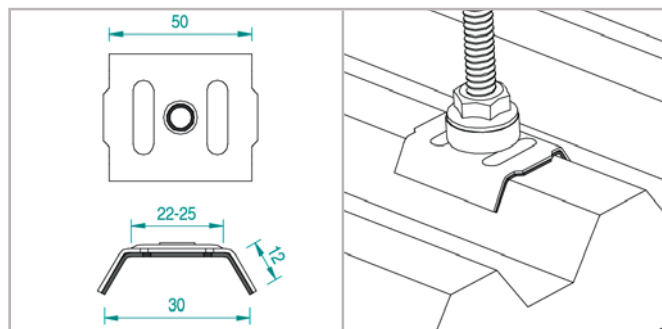
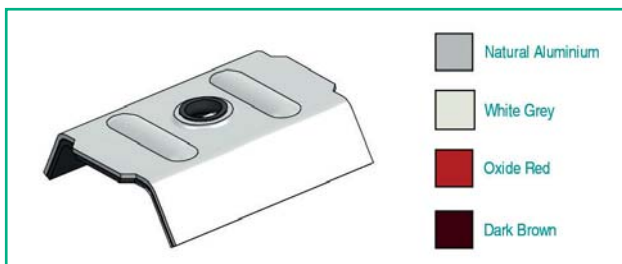


CODE
ATL031

DIMENSIONS
Ø10 ÷ Ø12

- Materials:** • Black EPDM
- Characteristics:** • Compatible with threaded elements both of M10 and M12

SADDLE WASHER WITH SEAL FOR FRETTED SHEET

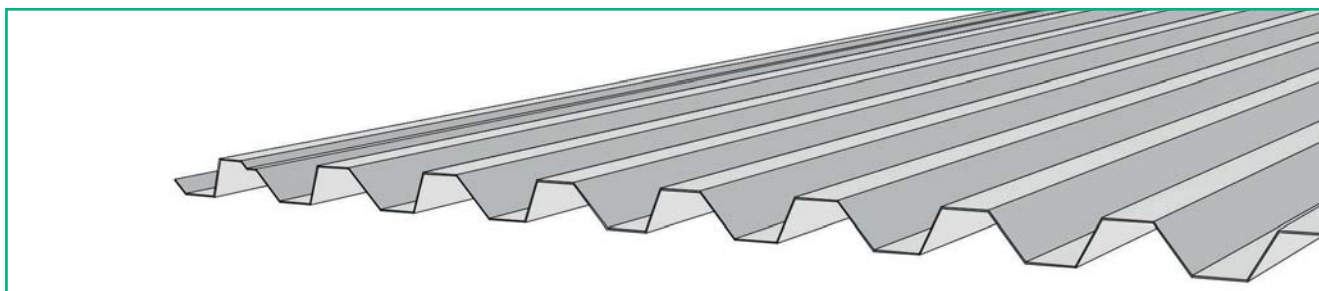


- Materials:** • Prepainted aluminium
- Black EPDM seal
- Characteristics:** • Compatible with fretted sheet H20
- On request, possible supply of saddle washers with different shapes

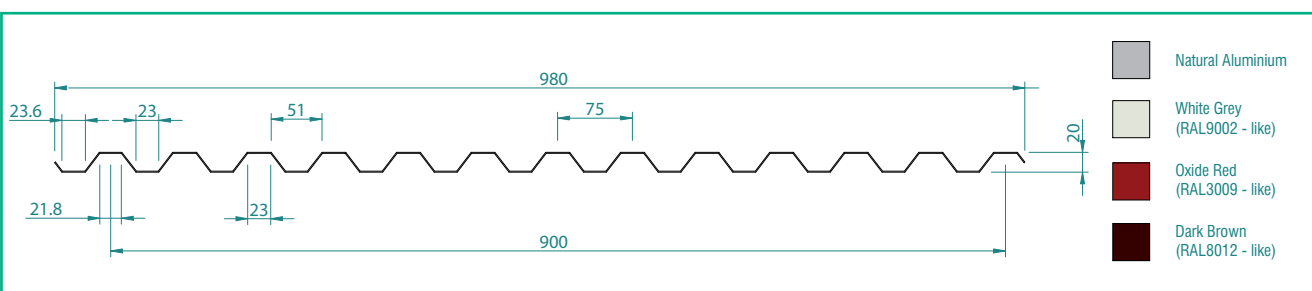
CODE	COLOUR
ATL088.NA	NATURAL ALUMINIUM
ATL088.GR	WHITE GREY
ATL088.RO	OXIDE RED
ATL088.TM	DARK BROWN



PITCHED ROOF - FRETTED SHEET

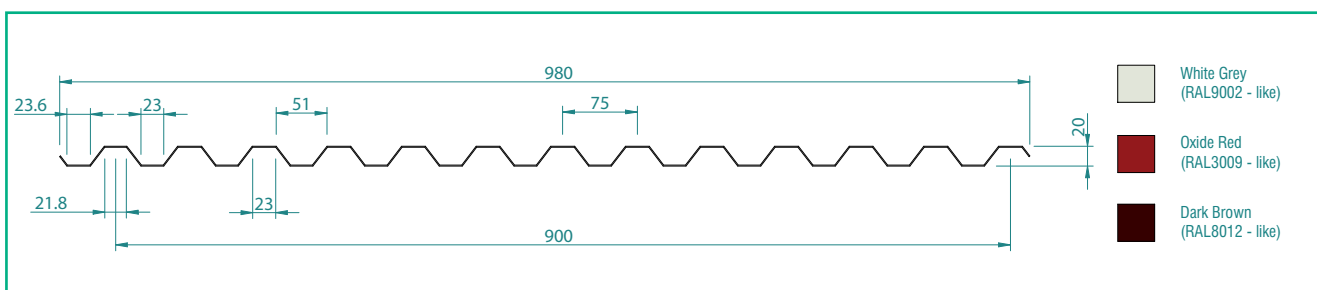


FRETTED SHEET IN ALUMINIUM

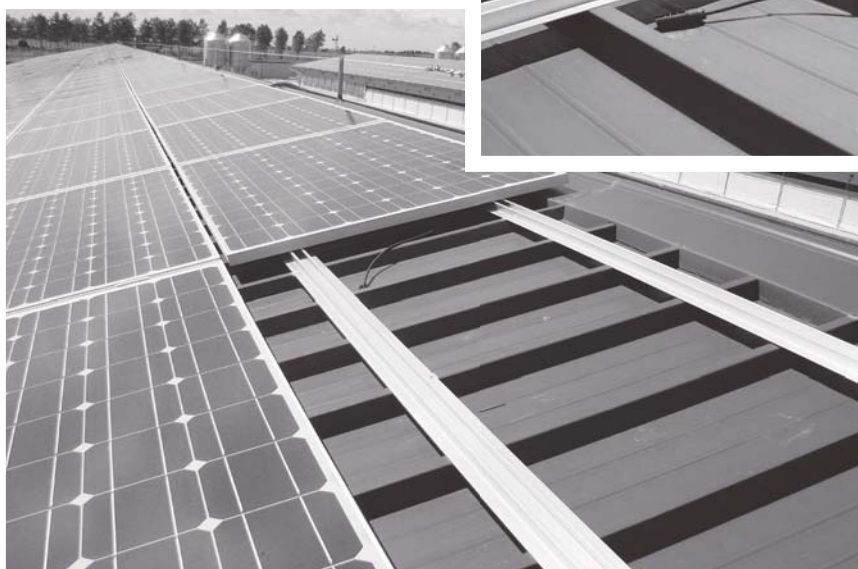


CODE	DESCRIPTION	H (mm)	Th. (mm)	Width (mm)	Length (mm)
ATL071.H20.NA	Fretted sheet in natural aluminium	20	0,6	975	2.000
ATL071.H20.GR	Fretted sheet in prepainted aluminium – WHITE GREY				
ATL071.H20.RO	Fretted sheet in prepainted aluminium – OXIDE RED				
ATL071.H20.TM	Fretted sheet in prepainted aluminium – DARK BROWN				
ATL081.H20.NA	Fretted sheet in natural aluminium	20	0,8	975	2.000
ATL081.H20.GR	Fretted sheet in prepainted aluminium – WHITE GREY				
ATL081.H20.RO	Fretted sheet in prepainted aluminium – OXIDE RED				
ATL081.H20.TM	Fretted sheet in prepainted aluminium – DARK BROWN				

FRETTED SHEET IN GALVANISED STEEL



CODE	DESCRIPTION	H (mm)	Th. (mm)	Width (mm)	Length (mm)
ATL072.H20.GR	Fretted sheet in prepainted galvanised steel – WHITE GREY	20	0,6	975	2.000
ATL072.H20.RO	Fretted sheet in prepainted galvanised steel – OXIDE RED				
ATL072.H20.TM	Fretted sheet in prepainted galvanised steel – DARK BROWN				
ATL087.H20.GR	Fretted sheet in prepainted galvanised steel – WHITE GREY	20	0,8	975	2.000
ATL087.H20.RO	Fretted sheet in prepainted galvanised steel – OXIDE RED				
ATL087.H20.TM	Fretted sheet in prepainted galvanised steel – DARK BROWN				

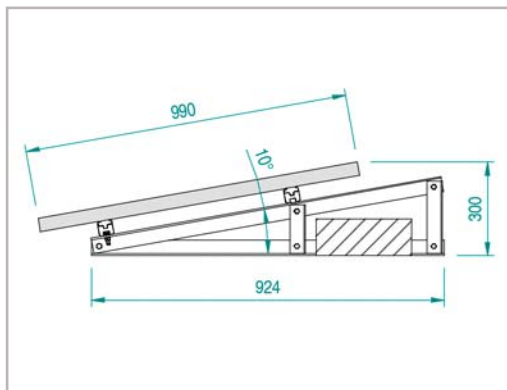
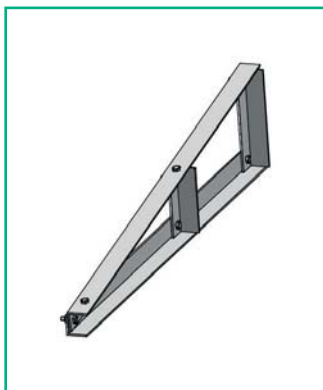




03 FLAT ROOF /



FIXED TRIANGULAR SUPPORT 10° - FIXING WITH BALLAST

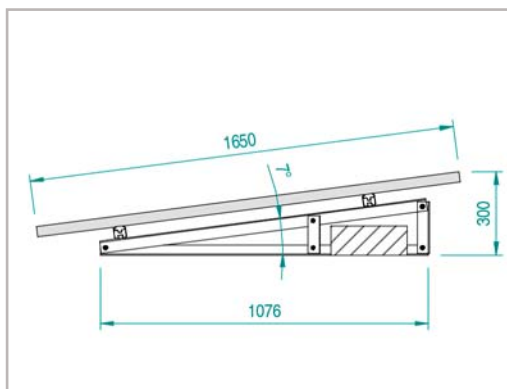
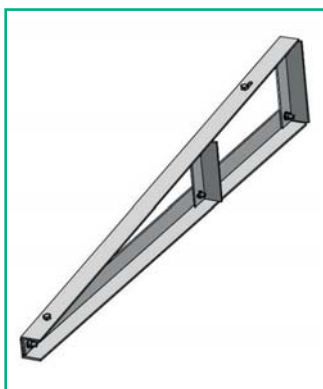


CODE	TILT	H	MODULE PLACEM.
ATL060	10°	≤ 30 cm	HORIZONTAL

Materials / Characteristics:

- Raw extruded aluminium, AL6060-T5
- Fasteners for the assembly in A2 stainless steel (included)
- Fasteners for profile fixing in A2 stainless steel (included)

FIXED TRIANGULAR SUPPORT 7° - FIXING WITH BALLAST

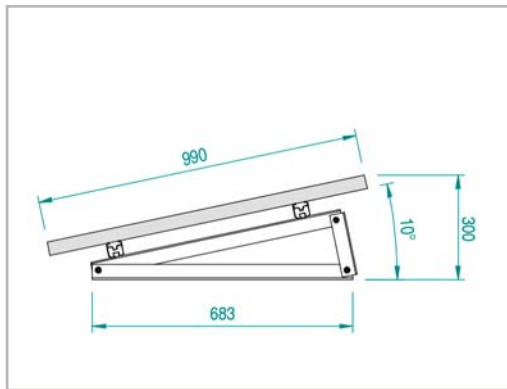


CODE	TILT	H	MODULE PLACEM.
ATL064	7°	≤ 30 cm	VERTICAL

Materials / Characteristics:

- Raw extruded aluminium, AL6060-T5
- Fasteners for the assembly in A2 stainless steel (included)
- Fasteners for profile fixing in A2 stainless steel (included)

FIXED TRIANGULAR SUPPORT 10° - FIXING WITHOUT BALLAST

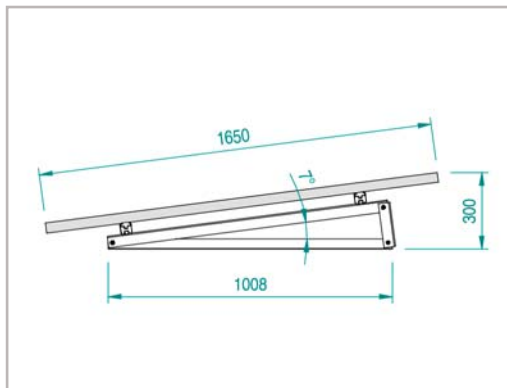


CODE	TILT	H	MODULE PLACEM.
ATL053	10°	≤ 30 cm	HORIZONTAL

Materials / Characteristics:

- Raw extruded aluminium, AL6060-T5
- Fasteners for the assembly in A2 stainless steel (included)
- Fasteners for profile fixing in A2 stainless steel (included)

FIXED TRIANGULAR SUPPORT 7° - FIXING WITHOUT BALLAST



CODE	TILT	H	MODULE PLACEM.
ATL065	7°	≤ 30 cm	VERTICAL

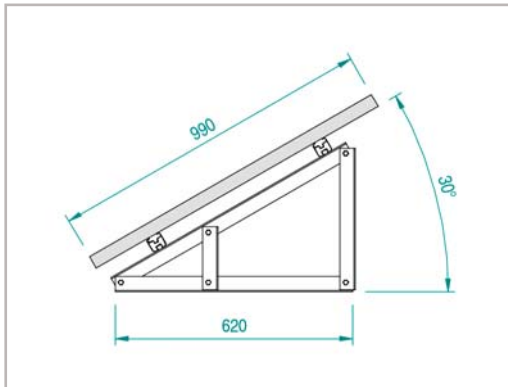
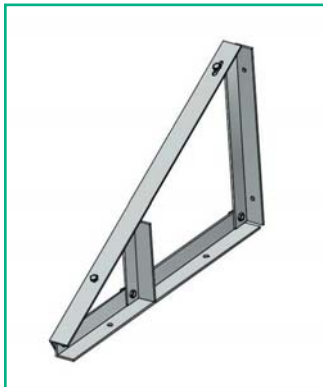
Materials / Characteristics:

- Raw extruded aluminium, AL6060-T5
- Fasteners for the assembly in A2 stainless steel (included)
- Fasteners for profile fixing in A2 stainless steel (included)



FLAT ROOF - FIXED SUPPORTS

FIXED TRIANGULAR SUPPORT 30° - FIXING BOTH WITH AND WITHOUT BALLAST



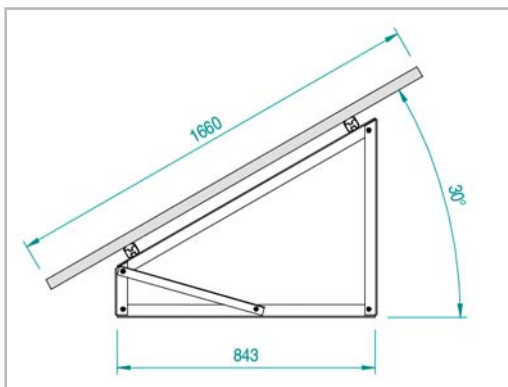
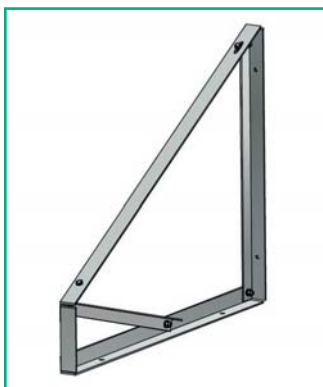
CODE
ATL085

TILT	H	MODULE PLACEM.
30°	> 30 cm	HORIZONTAL

Materials / Characteristics:

- Raw extruded aluminium, AL6060-T5
- Fasteners for the assembly in A2 stainless steel (included)
- Fasteners for profile fixing in A2 stainless steel (included)

FIXED TRIANGULAR SUPPORT 30° - FIXING BOTH WITH AND WITHOUT BALLAST



CODE
ATL084

TILT	H	MODULE PLACEM.
30°	> 30 cm	VERTICAL

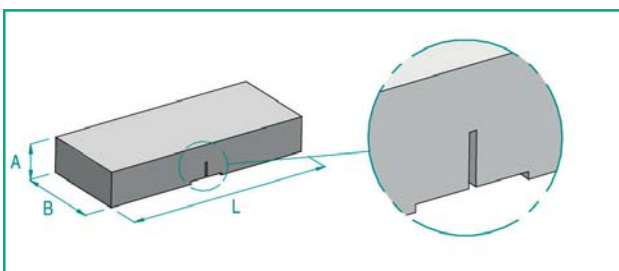
Materials / Characteristics:

- Raw extruded aluminium, AL6060-T5
- Fasteners for the assembly in A2 stainless steel (included)
- Fasteners for profile fixing in A2 stainless steel (included)

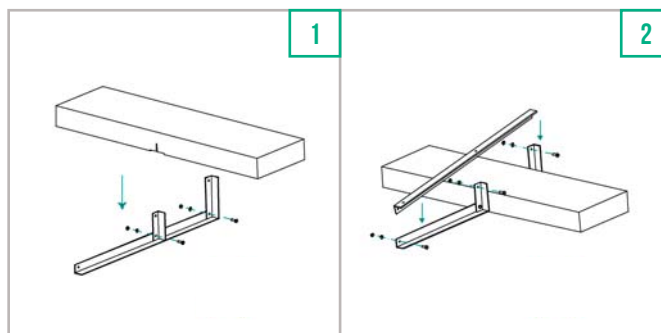


BALLASTS, PROFILES AND ACCESSORIES COMPATIBLE WITH FIXED TRIANGULAR SUPPORTS

CONCRETE BALLAST – WITH SLOT FOR INSERT

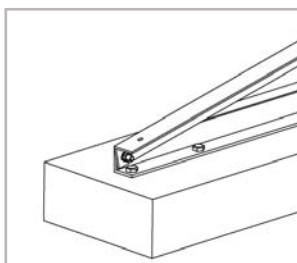
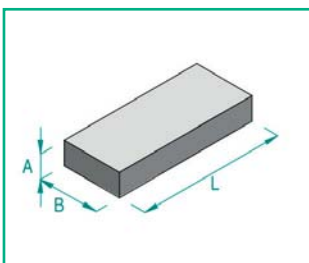


CODE	DIMENSIONS
ATL061.XXX	Customised



- Materials:** • Concrete
- Weight, Dimen.:** • To be defined according to structural requirements of installation
- Characteristics:** • Compatible with supports ATL060 – ATL064
- Notes:** • Each ballast is provided with hooks in order to facilitate their handling

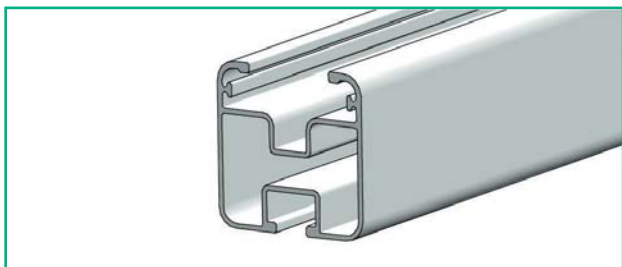
CONCRETE BALLAST



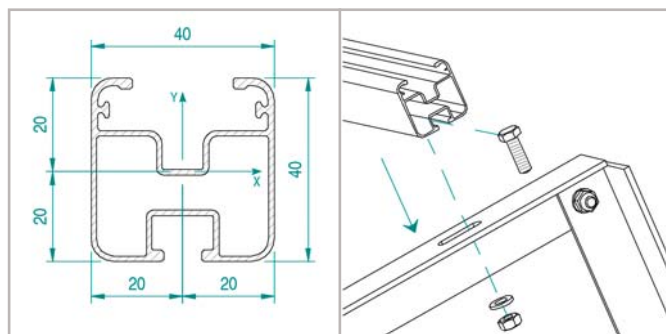
CODE	DIMENSIONS
FTL XXX	Customised

- Materials:** • Concrete
- Weight, Dimen.:** • To be defined according to structural requirements of installation
- Characteristics:** • Compatible with supports ATL060 – ATL064
- Notes:** • Each ballast is provided with hooks in order to facilitate their handling

MOUNTING RAIL

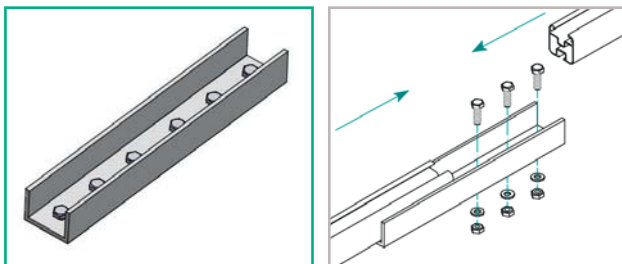


CODE	RAIL LENGTH
ATLPS4858.315	3,15 mt
ATLPS4858.630	6,30 mt



Materials: • Raw extruded aluminium, AL6060-T6
Characteristics: • $b_{xx} = 45001.79 \text{ mm}^4$
 • $b_{yy} = 54629.39 \text{ mm}^4$
 • Area = 269.59 mm^2

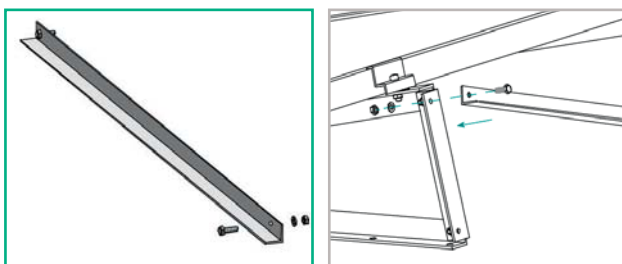
JOINT FOR 40X40 MOUNTING RAIL



CODE	DIMENSIONS
ATL048	Base = 49mm - H = 35mm - L = 300mm

Materials: • Raw extruded aluminium, AL6060-T5
 • A2 stainless steel fasteners (included)
Characteristics: • Only compatible with 40x40 mounting rail

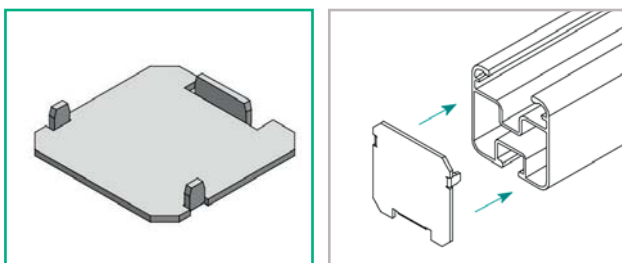
CROSS-BRACING FOR FIXED SUPPORTS



CODE	LENGTH
ATL086	1.995 mm

Materials: • Raw extruded aluminium, AL6060-T5
 • A2 stainless steel fasteners (included)
Characteristics: • Compatible with fixed supports

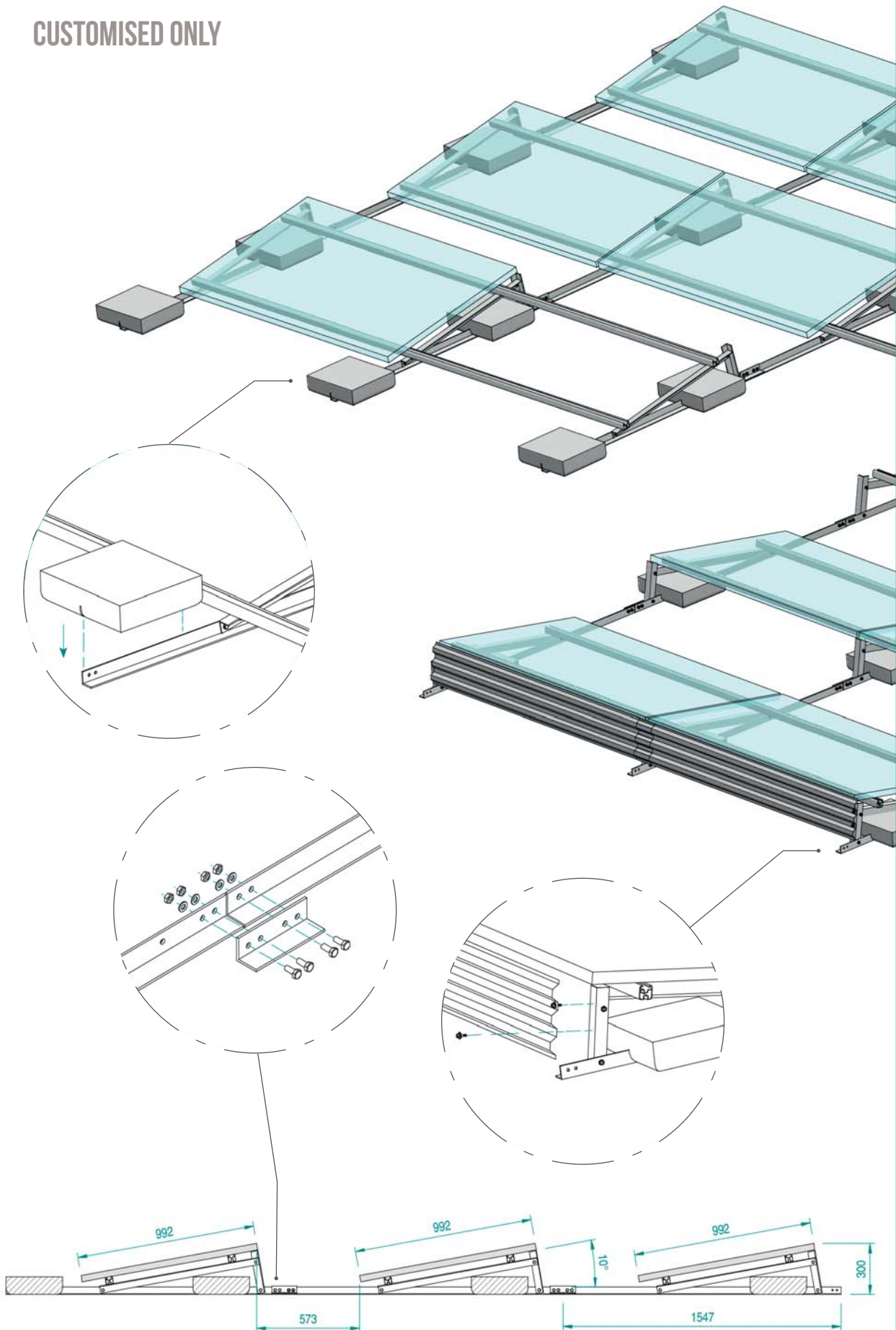
COVER CAP 40X40

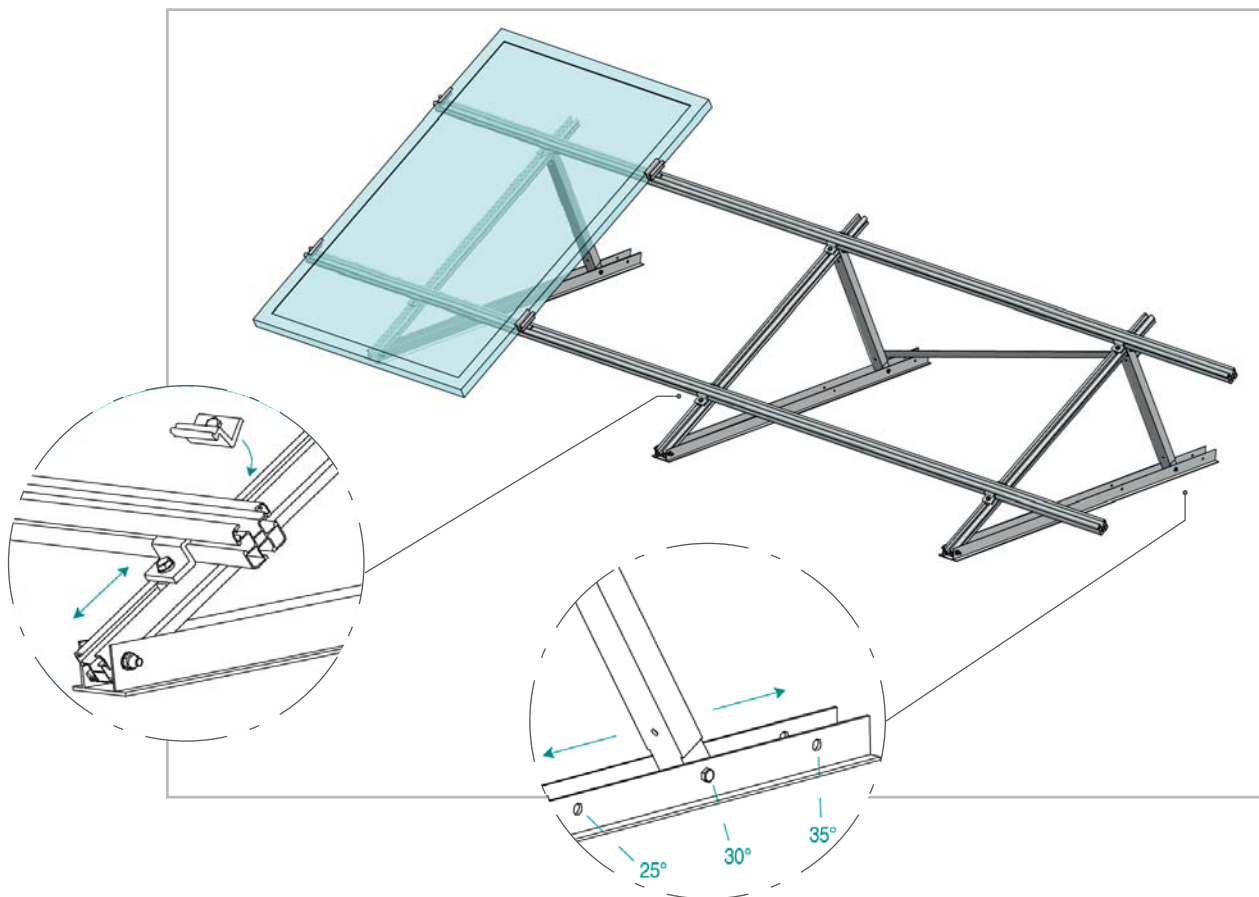


CODE	APPLICATION
ATL047.4040	For 40x40 mounting rail

Materials: • Raw aluminium
Characteristics: • Only compatible with 40x40 mounting rail
Application: • Snap-in application

CUSTOMISED ONLY

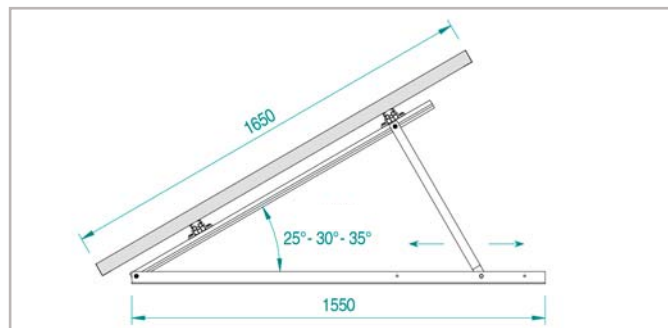




TRIANGULAR SUPPORT – PARTIALLY ADJUSTABLE



CODE	MODULE PLACEMENT
ATL054	VERTICAL



Materials:

- Support in raw extruded aluminium, AL6060-T6
- Fasteners in A2 stainless steel (included)

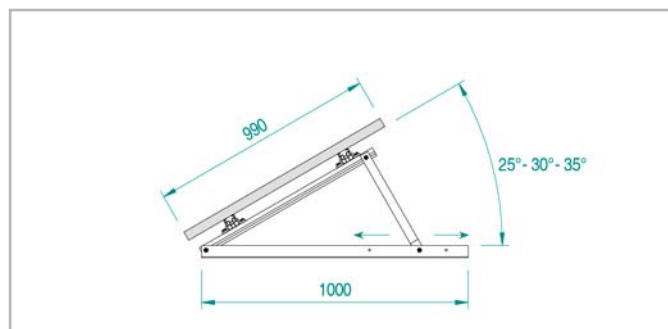
Characteristics:

- Selectable Tilt = 25° - 30° - 35°
- Only compatible with 45x45 mounting rail
- To be used only with VERTICALLY placed module

TRIANGULAR SUPPORT – PARTIALLY ADJUSTABLE



CODE	MODULE PLACEMENT
ATL066	HORIZONTAL



Materials:

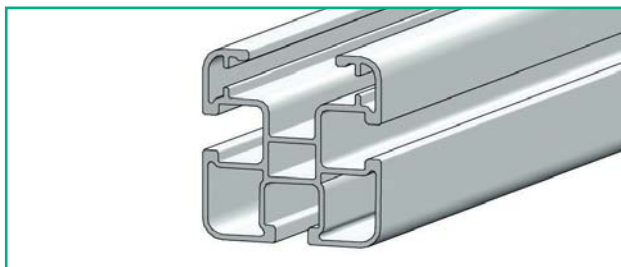
- Support in raw extruded aluminium, AL6060-T6
- Fasteners in A2 stainless steel (included)

Characteristics:

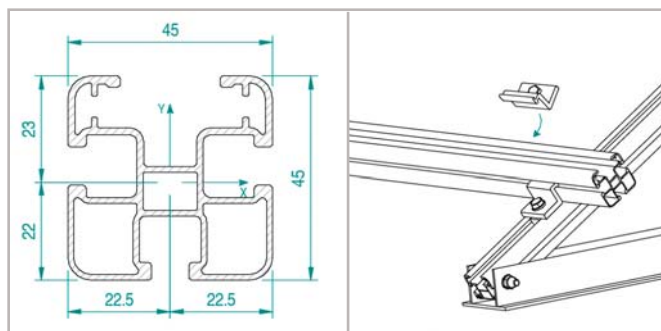
- Selectable Tilt = 25° - 30° - 35°
- Only compatible with 45x45 mounting rail
- To be used only with HORIZONTALLY placed module

FLAT ROOF - PARTIALLY ADJUSTABLE SUPPORTS

45X45 MOUNTING RAIL



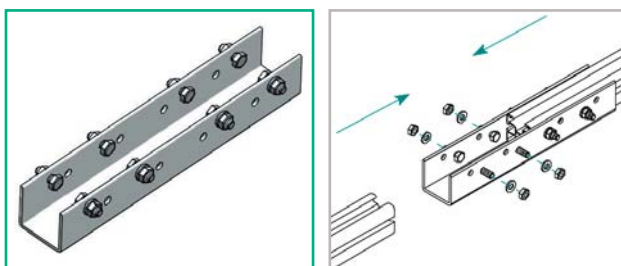
CODE	RAIL LENGTH
ATLPS4575.315	3,15 mt
ATLPS4575.630	6,30 mt



Materials: • Raw extruded aluminium, AL6060-T6
Characteristics: • $I_{xx} = 77286.69 \text{ mm}^4$
 • $I_{yy} = 93214.79 \text{ mm}^4$
 • Area = 410.15 mm^2



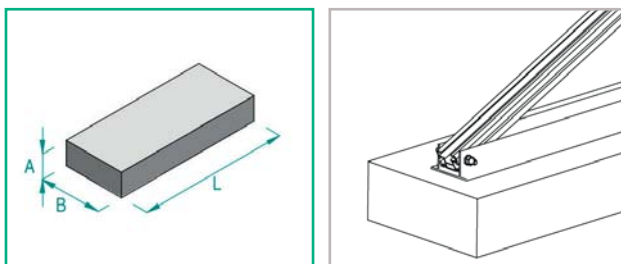
JOINT FOR 45X45-45X65 MOUNTING RAILS



CODE	DIMENSIONS
ATL010	Base = 54mm - H = 48mm - L = 300mm

Materials: • Raw extruded aluminium AL6060-T5
Characteristics: • Fasteners in A2 stainless steel (included)
 • Only compatible with 45x45 and 45x65 mounting rails

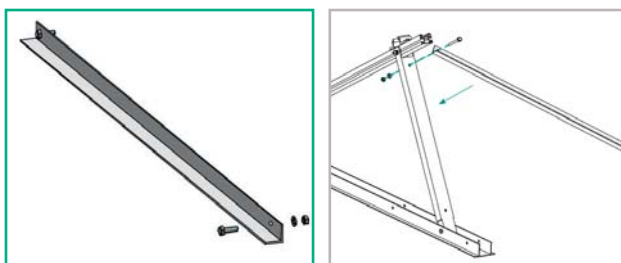
CONCRETE BALLAST



CODE	DIMENSIONS
FTL XXX	Customised

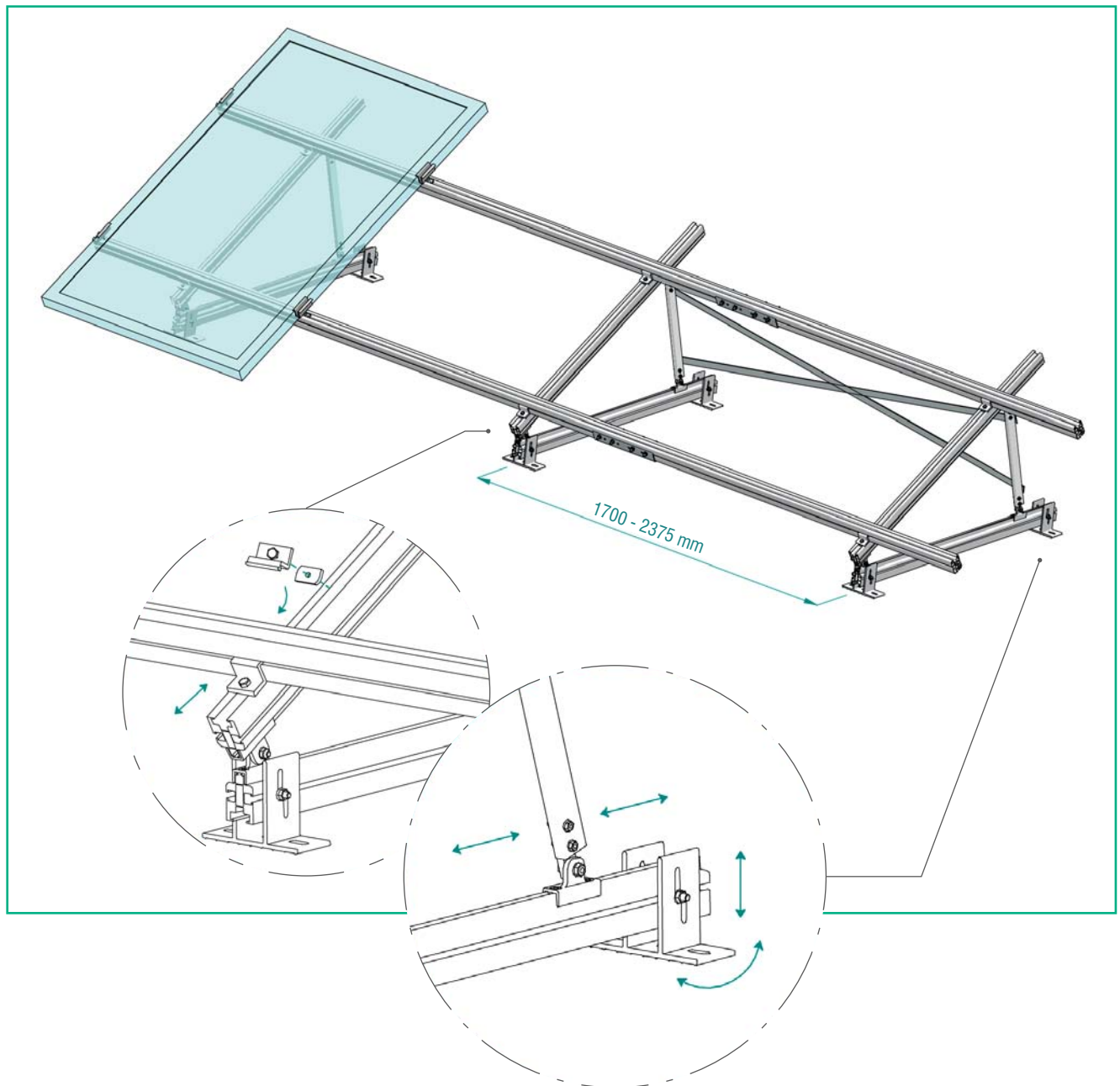
Materials: • Concrete
Dimensions: • To be defined according to structural requirements of installation
Characteristics: • Each ballast is provided with hooks in order to facilitate their handling

CROSS-BRACING FOR PARTIALLY ADJUSTABLE SUPPORTS

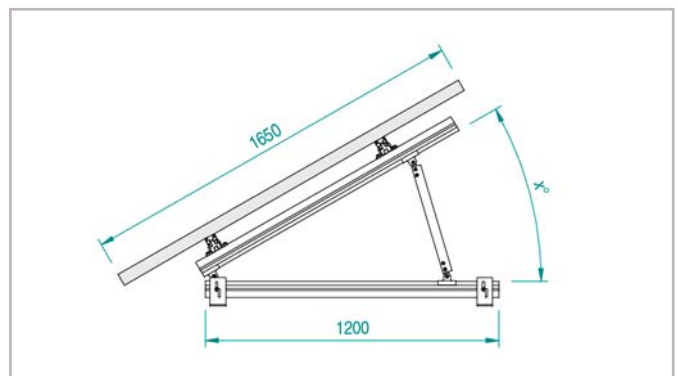


CODE	LENGTH
ATL056	1.995 mm

Materials: • Raw extruded aluminium, AL6060-T5
 • Fasteners in A2 stainless steel (included)
Characteristics: • Compatible with ATL054 and ATL066 supports



TRIANGULAR SUPPORT - FULLY ADJUSTABLE SUPPORTS



CODE	ANGLE X°
ATL001.1015	10° ÷ 15°
ATL001.1520	15° ÷ 20°
ATL001.2025	20° ÷ 25°
ATL001.2530	30° ÷ 35°
ATL001.3035	35° ÷ 40°
ATL001.4045	40° ÷ 45°

Materials:

- Support in raw extruded aluminium, AL6060-T6
- Fasteners in A2 stainless steel

Characteristics:

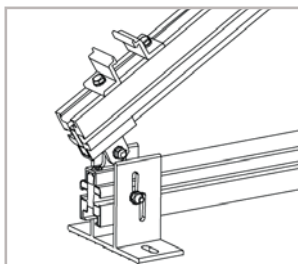
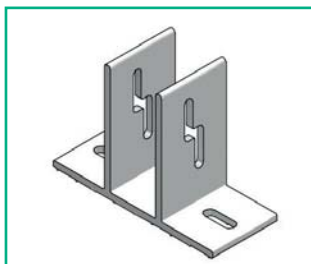
- Adjustable tilt angle
- Adjustable anchoring on the plane
- Adjustable rail profile placement
- To be used with both VERTICALLY and HORIZONTALLY placed modules

Notes:

- The kit is pre-assembled
- Rail-fixing clamps and their fasteners are included

FLAT ROOF - FULLY ADJUSTABLE SUPPORTS

ANCHORING ELEMENT FOR FLAT PLANE

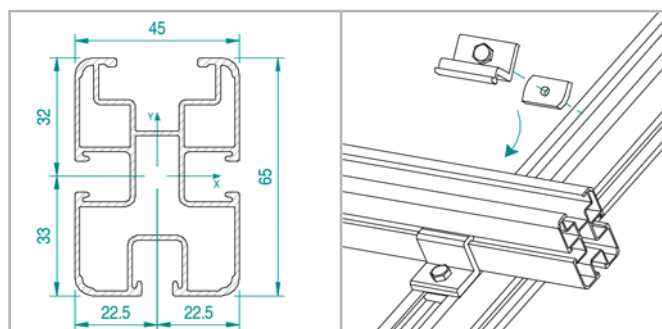
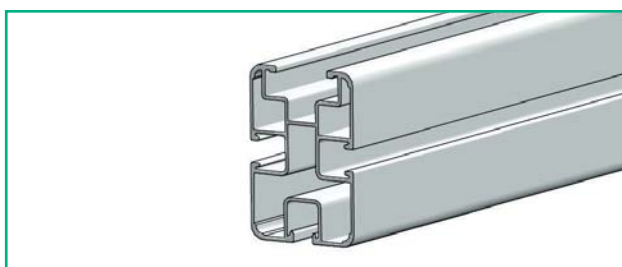


CODE
ATL008

DIMENSIONS
Base = 160x65mm - H= 115 mm

- Materials:**
- Raw extruded aluminium, AL6060-T5
 - Fasteners in A2 stainless steel (included)
- Characteristics:**
- Provided with n. 2 slotted holes for the anchoring to the plane
 - Provided with n. 2 slotted holes for the anchoring to the triangular support
 - Compatible with 45x45 and 46x65 mounting rails

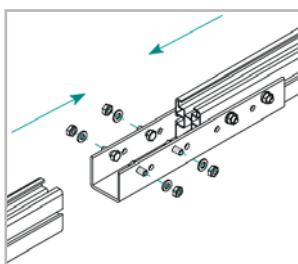
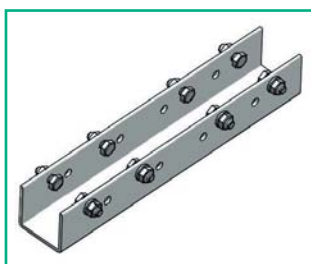
45X65 MOUNTING RAIL



CODE	RAIL LENGTH
ATLPS4498.315	3,15 mt
ATLPS4498.630	6,30 mt

- Materials:**
- Raw extruded aluminium, AL6060-T6
- Characteristics:**
- $I_{xx} = 222337.984 \text{ mm}^4$
 - $I_{yy} = 129313.494 \text{ mm}^4$
 - Area: 529.822 mm^2

JOINT FOR 45X45-45X65 MOUNTING RAILS

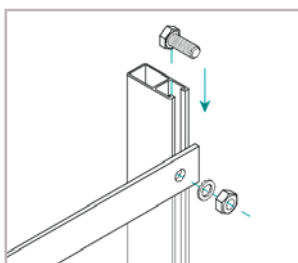
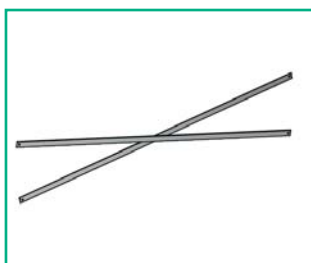


CODE
ATL010

DIMENSIONS
Base = 54mm - H = 48mm - L = 300mm

- Materials:**
- Raw extruded aluminium, AL6060-T5
 - A2 stainless steel fasteners (included)
- Characteristics:**
- Only compatible with 45x45 and 45x65 mounting rails

CROSS-BRACING

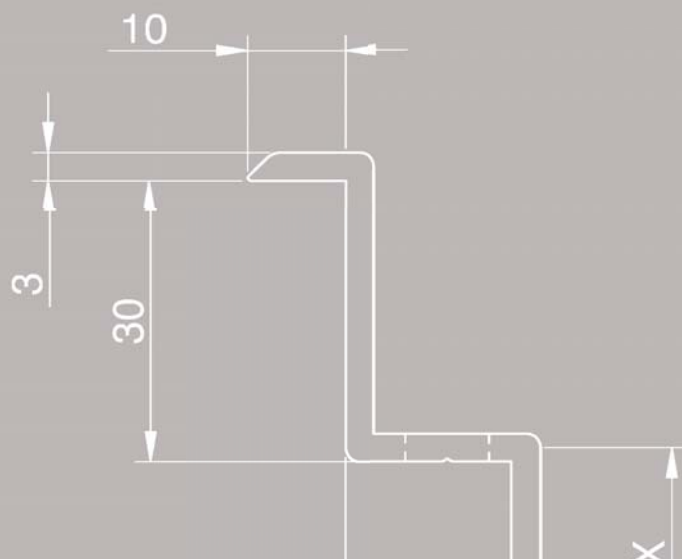
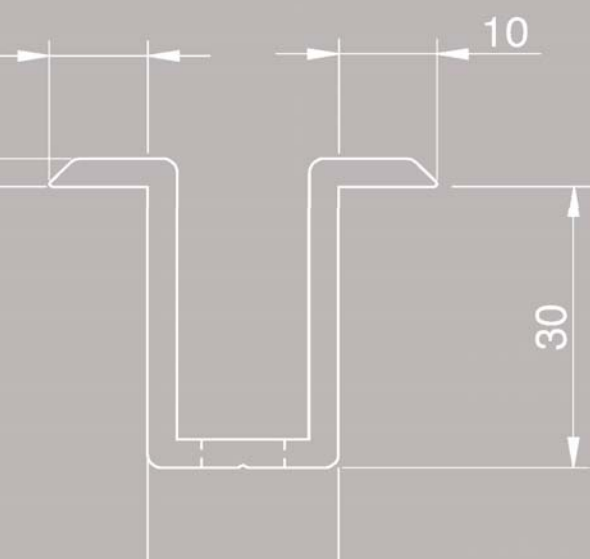
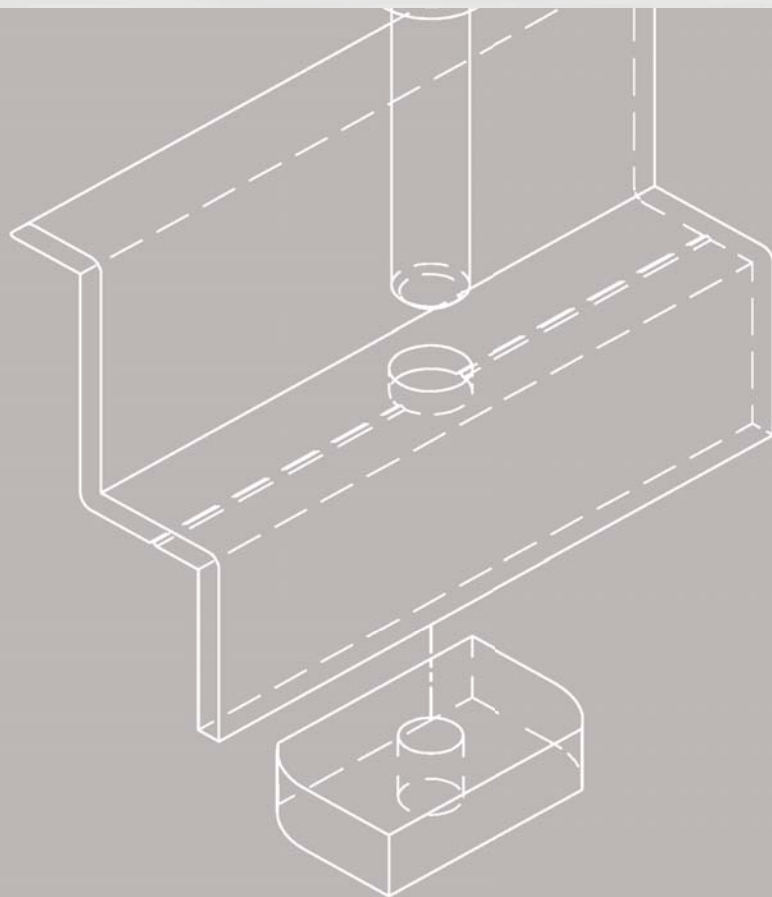
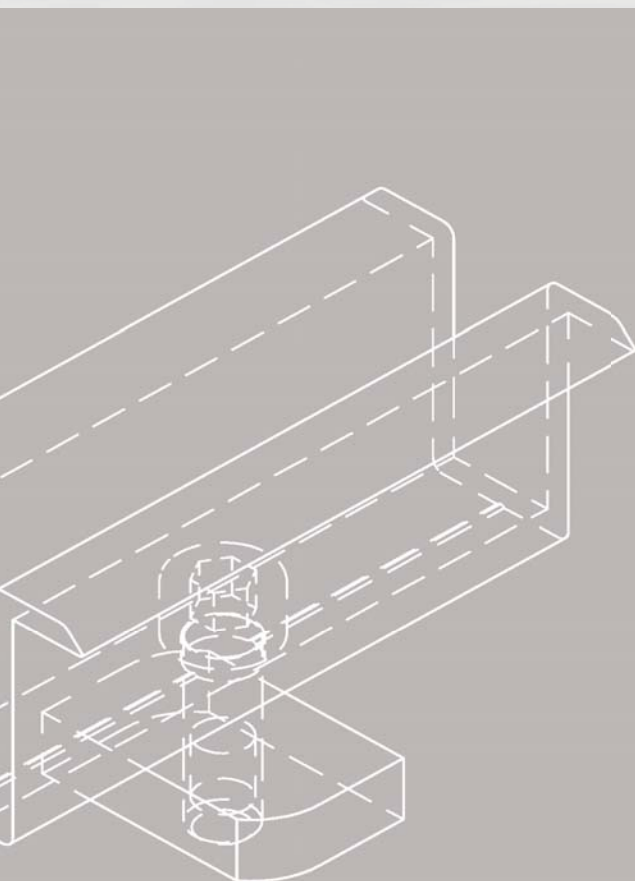


CODE
ATL012.01
ATL012.02
ATL012.03

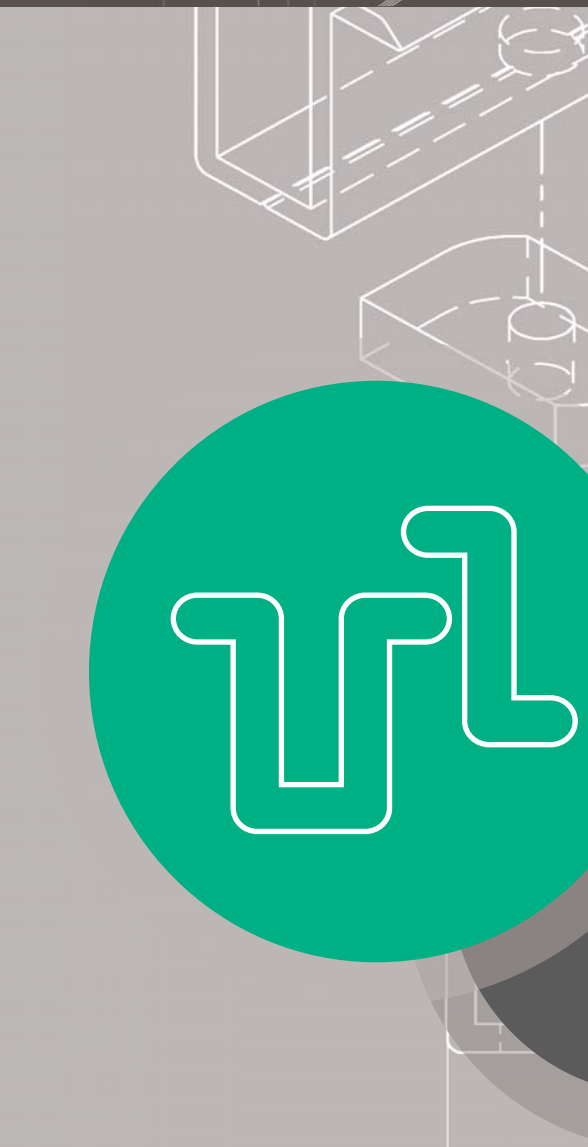
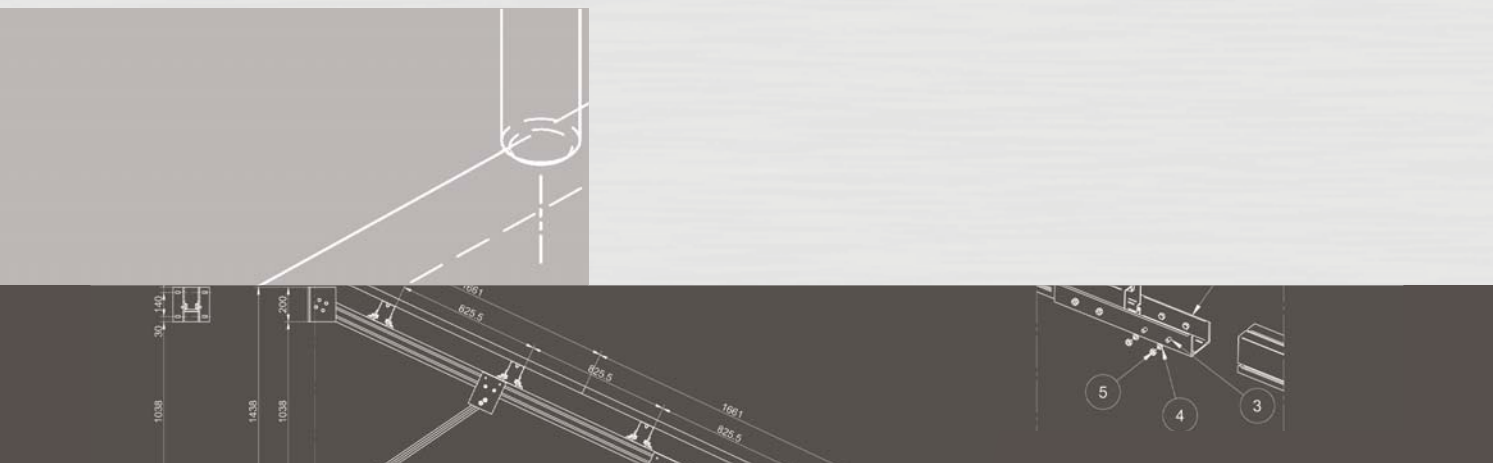
AXLE SPACE
Up to 1.500 mm
1.500 ÷ 2.000 mm
2.000 ÷ 2.375 mm

- Materials:**
- Raw extruded aluminium, AL6060-T5
 - A2 stainless steel fasteners (included)





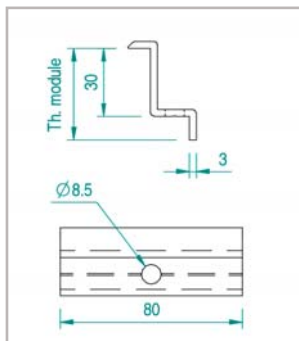
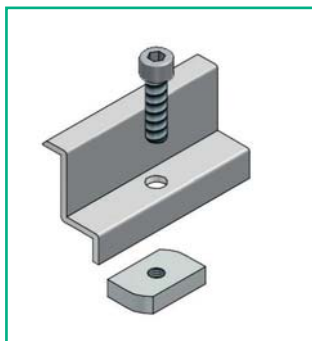
04 CLAMPS /



>>

CLAMPS - MODULE FIXING CLAMPS – IN ALUMINIUM

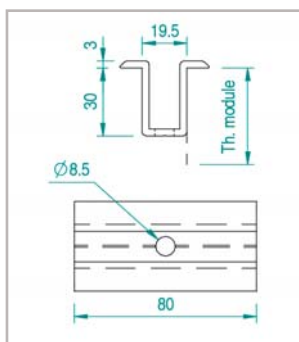
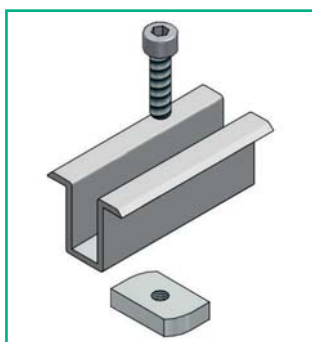
END CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)



- Materials:**
- Raw extruded aluminium, AL6060T5
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5

CODE	L (mm)	MODULE THICK. (mm)	SCREW (included)
ATL004.8030	80	30	TCEI M8x20
ATL004.8032	80	32	TCEI M8x20
ATL004.8034	80	34	TCEI M8x25
ATL004.8035	80	35	TCEI M8x25
ATL004.8036	80	36	TCEI M8x25
ATL004.8038	80	38	TCEI M8x25
ATL004.8040	80	40	TCEI M8x30
ATL004.8042	80	42	TCEI M8x30
ATL004.8044	80	44	TCEI M8x30
ATL004.8045	80	45	TCEI M8x35
ATL004.8046	80	46	TCEI M8x35
ATL004.8048	80	48	TCEI M8x35
ATL004.8050	80	50	TCEI M8x40

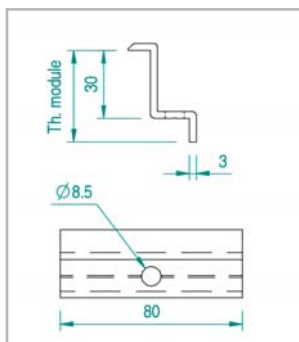
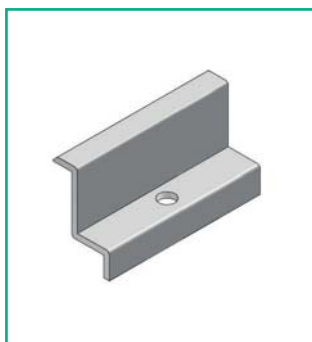
MIDDLE CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)



- Materials:**
- Raw extruded aluminium, AL6060T5
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5

CODE	L (mm)	MODULE THICK. (mm)	SCREW (included)
ATL006.80.3032	80	30 ÷ 32	TCEI M8x20
ATL006.80.3438	80	34 ÷ 38	TCEI M8x25
ATL006.80.4044	80	40 ÷ 44	TCEI M8x30
ATL006.80.4548	80	45 ÷ 48	TCEI M8x35
ATL006.80.50	80	50	TCEI M8x40

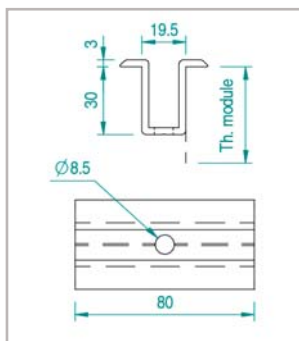
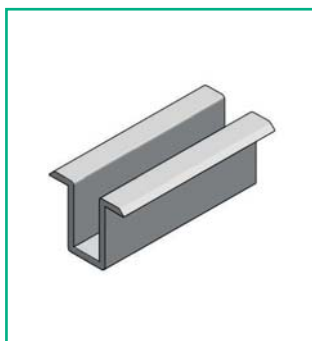
END CLAMP WITHOUT FASTENERS



- Materials:**
- Raw extruded aluminium, AL6060T5

CODE	L (mm)	MODULE THICK. (mm)	SCREW
ATL021.8030	80	30	Not included
ATL021.8032	80	32	Not included
ATL021.8034	80	34	Not included
ATL021.8035	80	35	Not included
ATL021.8036	80	36	Not included
ATL021.8038	80	38	Not included
ATL021.8040	80	40	Not included
ATL021.8042	80	42	Not included
ATL021.8044	80	44	Not included
ATL021.8045	80	45	Not included
ATL021.8046	80	46	Not included
ATL021.8048	80	48	Not included
ATL021.8050	80	50	Not included

MIDDLE CLAMP WITHOUT FASTENERS

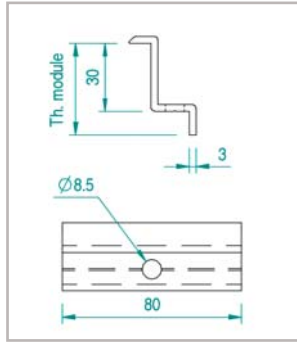
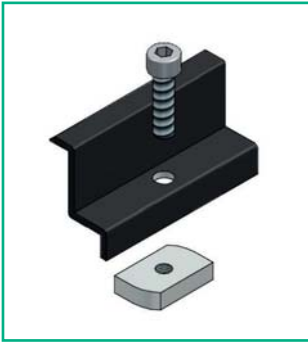


- Materials:**
- Raw extruded aluminium, AL6060T5

CODE	L (mm)	MODULE THICK. (mm)	SCREW
ATL020.80	80	30 ÷ 50	Not included

CLAMPS - MODULE FIXING CLAMPS – IN ALUMINIUM

END CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)

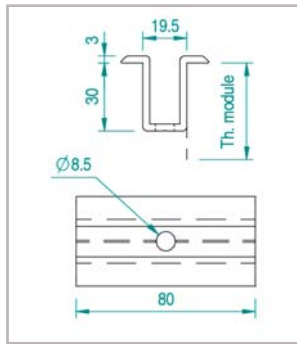
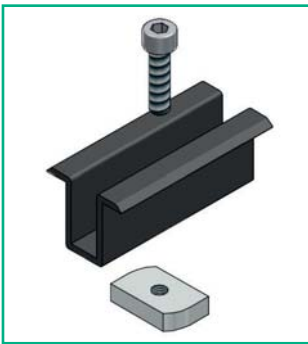


- Materials:**
- Raw extruded aluminium, AL6060T5, ANODIZED BLACK
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5

CODE
ATL004.8030-N
ATL004.8032-N
ATL004.8034-N
ATL004.8035-N
ATL004.8036-N
ATL004.8038-N
ATL004.8040-N
ATL004.8042-N
ATL004.8044-N
ATL004.8045-N
ATL004.8046-N
ATL004.8048-N
ATL004.8050-N

L (mm)	MODULE THICK. (mm)	SCREW (included)
80	30	TCEI M8x20
80	32	TCEI M8x20
80	34	TCEI M8x25
80	35	TCEI M8x25
80	36	TCEI M8x25
80	38	TCEI M8x25
80	40	TCEI M8x30
80	42	TCEI M8x30
80	44	TCEI M8x30
80	45	TCEI M8x35
80	46	TCEI M8x35
80	48	TCEI M8x35
80	50	TCEI M8x40

MIDDLE CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)

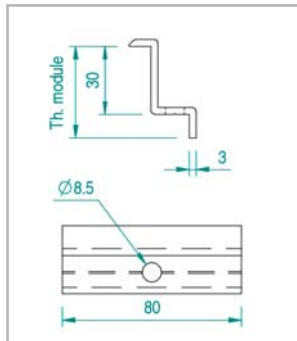


- Materials:**
- Raw extruded aluminium, AL6060T5, ANODIZED BLACK
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5

CODE
ATL006.80.3032-N
ATL006.80.3438-N
ATL006.80.4044-N
ATL006.80.4548-N
ATL006.80.50-N

L (mm)	MODULE THICK. (mm)	SCREW (included)
80	30 ÷ 32	TCEI M8x20
80	34 ÷ 38	TCEI M8x25
80	40 ÷ 44	TCEI M8x30
80	45 ÷ 48	TCEI M8x35
80	50	TCEI M8x40

END CLAMP WITHOUT FASTENERS

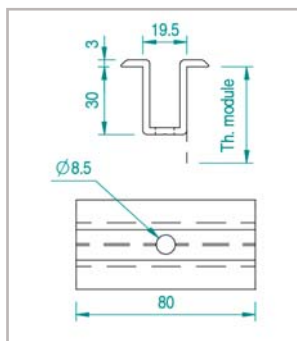
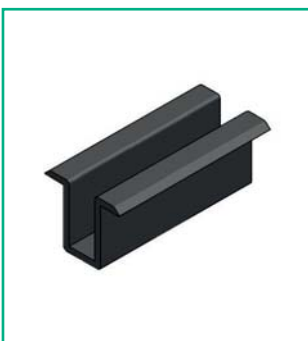


- Materials:**
- Raw extruded aluminium, AL6060T5, ANODIZED BLACK

CODE
ATL021.8030-N
ATL021.8032-N
ATL021.8034-N
ATL021.8035-N
ATL021.8036-N
ATL021.8038-N
ATL021.8040-N
ATL021.8042-N
ATL021.8044-N
ATL021.8045-N
ATL021.8046-N
ATL021.8048-N
ATL021.8050-N

L (mm)	MODULE THICK. (mm)	SCREW
80	30	Not included
80	32	Not included
80	34	Not included
80	35	Not included
80	36	Not included
80	38	Not included
80	40	Not included
80	42	Not included
80	44	Not included
80	45	Not included
80	46	Not included
80	48	Not included
80	50	Not included

MIDDLE CLAMP WITHOUT FASTENERS



- Materials:**
- Raw extruded aluminium, AL6060T5, ANODIZED BLACK

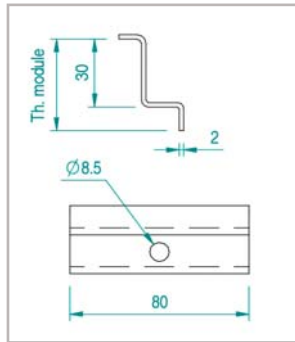
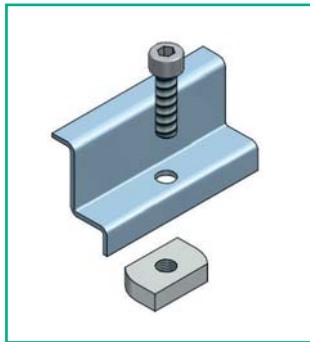
CODE
ATL020.80-N

L (mm)	MODULE THICK. (mm)	SCREW
80	30 ÷ 50	Not included



CLAMPS - MODULE FIXING CLAMPS – IN STAINLESS STEEL

END CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)

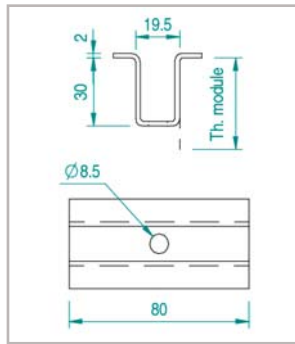
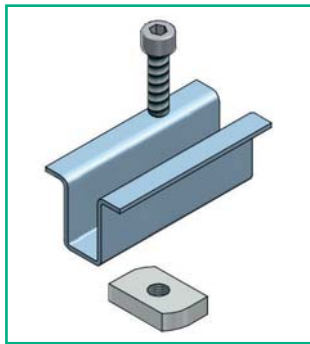


- Materials:**
- Stainless steel AISI304
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5

CODE
ATL004.8030-AI
ATL004.8032-AI
ATL004.8034-AI
ATL004.8035-AI
ATL004.8036-AI
ATL004.8038-AI
ATL004.8040-AI
ATL004.8042-AI
ATL004.8044-AI
ATL004.8045-AI
ATL004.8046-AI
ATL004.8048-AI
ATL004.8050-AI

L (mm)	MODULE THICK. (mm)	SCREW (included)
80	30	TCEI M8x20
80	32	TCEI M8x20
80	34	TCEI M8x25
80	35	TCEI M8x25
80	36	TCEI M8x25
80	38	TCEI M8x25
80	40	TCEI M8x30
80	42	TCEI M8x30
80	44	TCEI M8x30
80	45	TCEI M8x35
80	46	TCEI M8x35
80	48	TCEI M8x35
80	50	TCEI M8x40

MIDDLE CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)

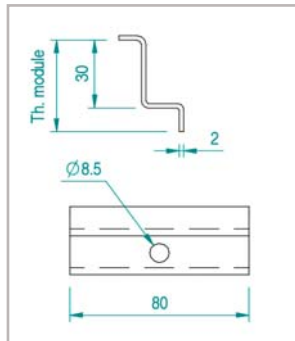
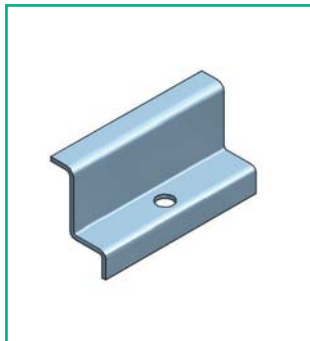


- Materials:**
- Stainless steel AISI304
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5

CODE
ATL006.80.3032-AI
ATL006.80.3438-AI
ATL006.80.4044-AI
ATL006.80.4548-AI
ATL006.80.50-AI

L (mm)	MODULE THICK. (mm)	SCREW (included)
80	30 ÷ 32	TCEI M8x20
80	34 ÷ 38	TCEI M8x25
80	40 ÷ 44	TCEI M8x30
80	45 ÷ 48	TCEI M8x35
80	50	TCEI M8x40

END CLAMP WITHOUT FASTENERS

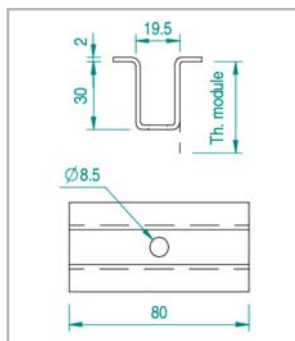
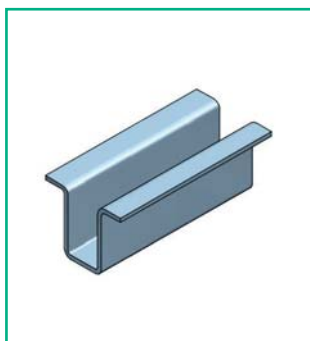


- Materials:**
- Stainless steel AISI304

CODE
ATL021.8030-AI
ATL021.8032-AI
ATL021.8034-AI
ATL021.8035-AI
ATL021.8036-AI
ATL021.8038-AI
ATL021.8040-AI
ATL021.8042-AI
ATL021.8044-AI
ATL021.8045-AI
ATL021.8046-AI
ATL021.8048-AI
ATL021.8050-AI

L (mm)	MODULE THICK. (mm)	SCREW
80	30	Not included
80	32	Not included
80	34	Not included
80	35	Not included
80	36	Not included
80	38	Not included
80	40	Not included
80	42	Not included
80	44	Not included
80	45	Not included
80	46	Not included
80	48	Not included
80	50	Not included

MIDDLE CLAMP WITHOUT FASTENERS



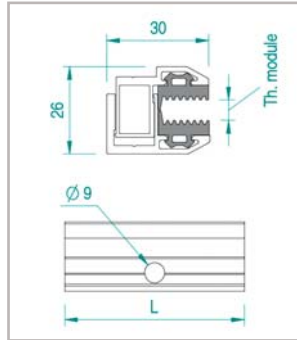
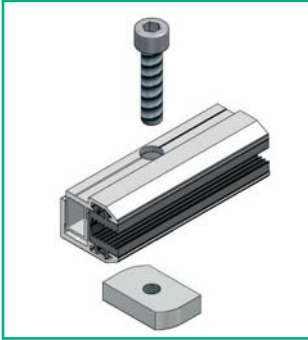
- Materials:**
- Stainless steel AISI304

CODE
ATL020.80-AI

L (mm)	MODULE THICK. (mm)	SCREW
80	30 ÷ 50	Not included

CLAMPS - MODULE FIXING CLAMPS – FOR THIN-FILM PANELS

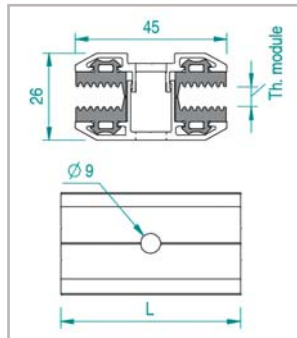
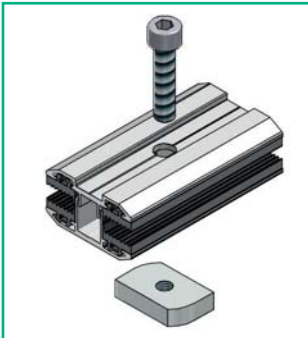
END CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)



CODE	L (mm)	MODULE THICK. (mm)	SCREW (included)
ATL044.80	80	4 ÷ 7,2	TCEI M8X35
ATL039.80	80	5,8 ÷ 9	TCEI M8X35
ATL044.100	100	4 ÷ 7,2	TCEI M8X35
ATL039.100	100	5,8 ÷ 9	TCEI M8X35

- Materials:**
- Raw extruded aluminium, AL6060T5
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5
 - Seal in black EPDM

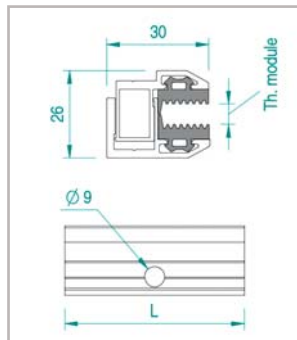
MIDDLE CLAMP WITH ECCENTRIC NUT AND SCREW (INCLUDED)



CODE	L (mm)	MODULE THICK. (mm)	SCREW (included)
ATL043.80	80	4 ÷ 7,2	TCEI M8X35
ATL036.80	80	5,8 ÷ 9	TCEI M8X35
ATL043.100	100	4 ÷ 7,2	TCEI M8X35
ATL036.100	100	5,8 ÷ 9	TCEI M8X35

- Materials:**
- Raw extruded aluminium, AL6060T5
 - Screw in A2 stainless steel
 - Nut in raw extruded aluminium, AL6060-T5
 - Seal in black EPDM

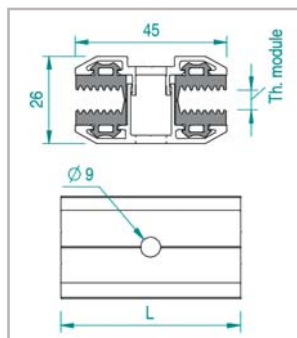
END CLAMP WITHOUT FASTENERS



CODE	L (mm)	MODULE THICK. (mm)	SCREW
ATL042.80	80	4 ÷ 7,2	Not included
ATL038.80	80	5,8 ÷ 9	Not included
ATL042.100	100	4 ÷ 7,2	Not included
ATL038.100	100	5,8 ÷ 9	Not included

- Materials:**
- Raw extruded aluminium, AL6060T5
 - Seal in black EPDM

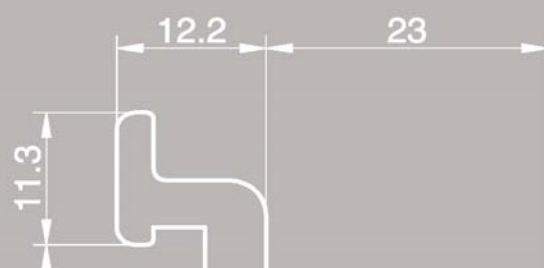
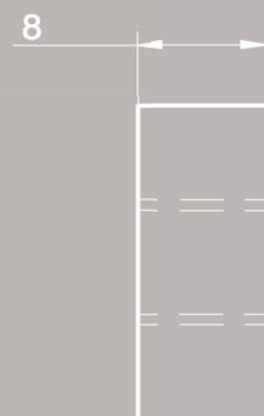
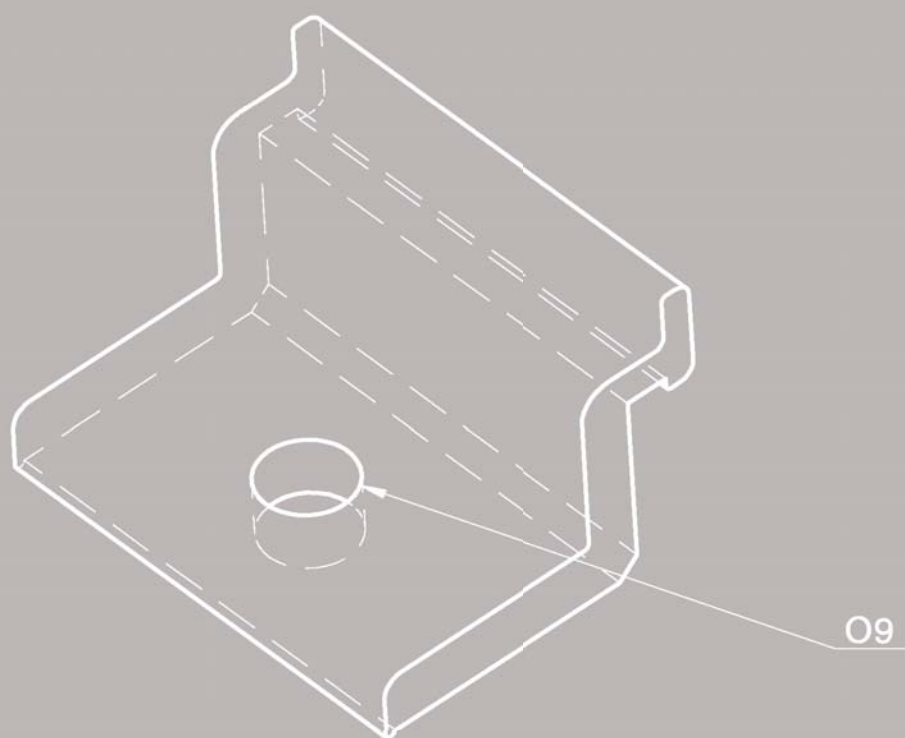
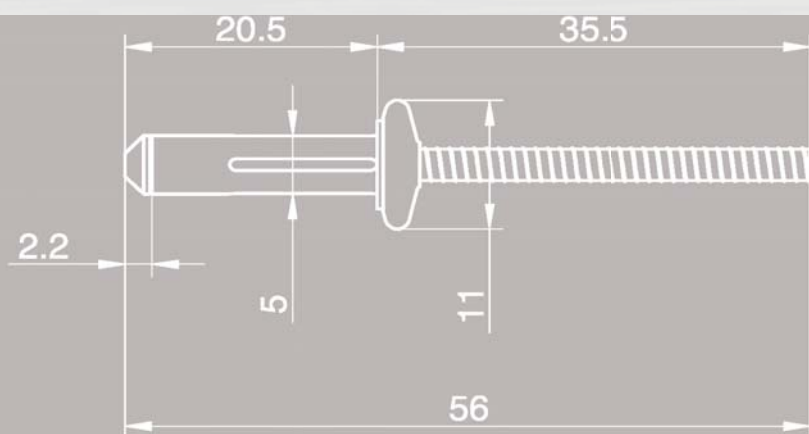
MIDDLE CLAMP WITHOUT FASTENERS



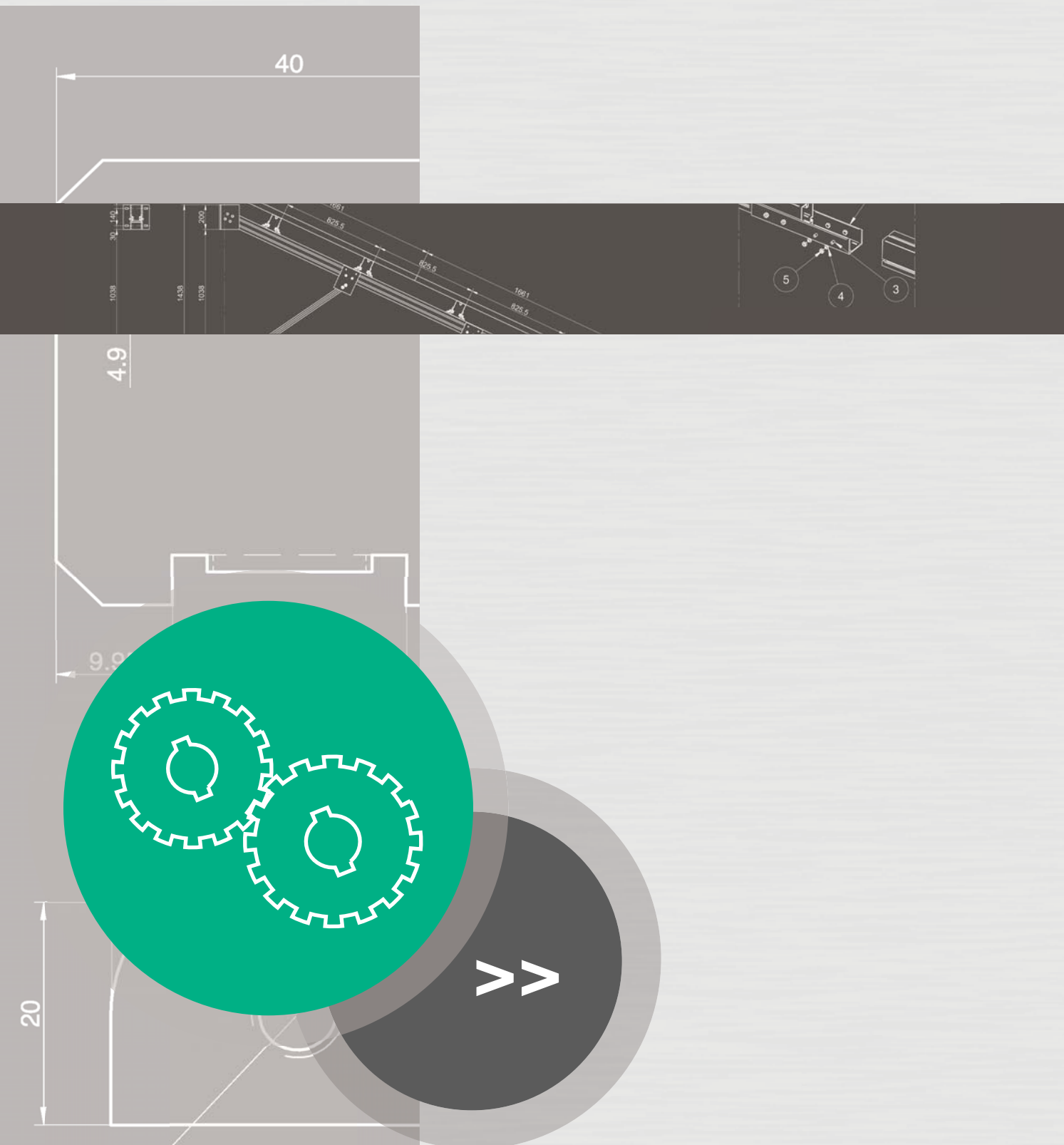
CODE	L (mm)	MODULE THICK. (mm)	SCREW
ATL041.80	80	4 ÷ 7,2	Not included
ATL035.80	80	5,8 ÷ 9	Not included
ATL041.100	100	4 ÷ 7,2	Not included
ATL035.100	100	5,8 ÷ 9	Not included

- Materials:**
- Raw extruded aluminium, AL6060T5
 - Seal in black EPDM

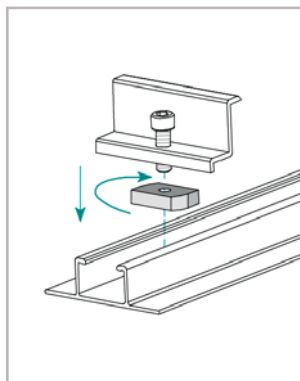
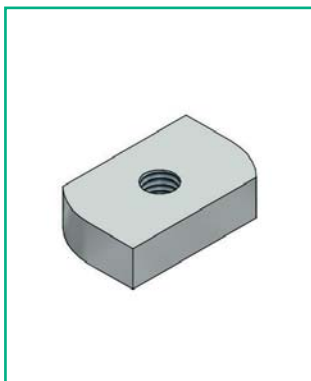




05 ACCESSORIES /



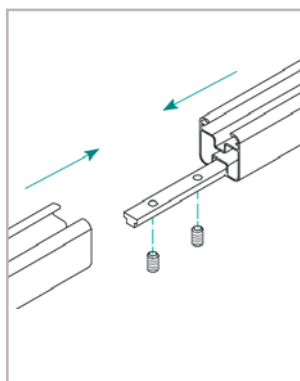
ECCENTRIC NUT M8 – IN ALUMINIUM



CODE	Ø
ATL002.AL.M8	M8

- Materials:** • Raw extruded aluminium , AL6060-T5
Thickness: • 8 mm
Characteristics: • To be used with all Alusistemi module and profile-fixing clamps
 • Compatible with all Alusistemi rail profiles

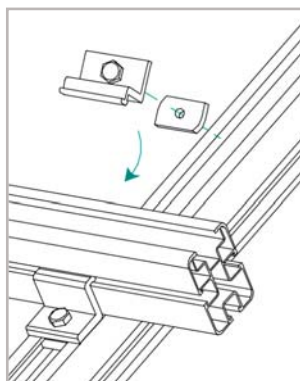
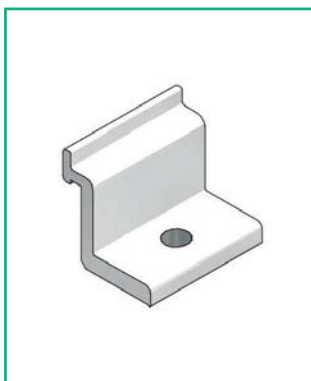
RAIL ALIGNMENT BAR



CODE	LENGTH
ATL009	180 mm

- Materials:** • Galvanised steel
Characteristics: • Complete with n. 4 grub screws
 • Compatible with 40x40 and 45x45 mounting rails

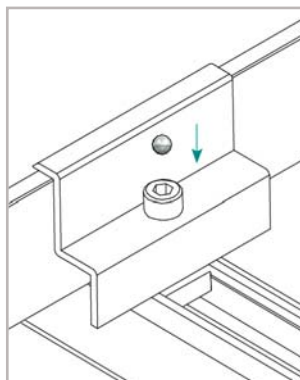
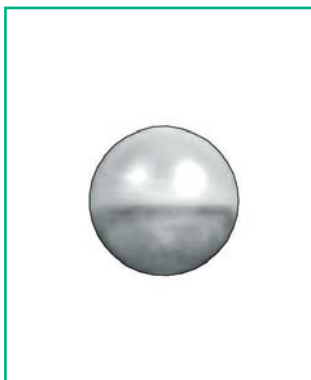
PROFILE-FIXING CLAMP



CODE	FOR RAIL PROFILE	FASTENERS
ATL003.01	45x65	Yes
ATL003.02		No
ATL055.01	45x45	yes
ATL055.02		No

- Materials:** • Raw extruded aluminium, AL6060-T5
 • Fasteners in A2 stainless steel + Eccentric Nut in Aluminium (included both in ATL003.01 and ATL055.01)
Dimensions: • Ø M8 - L= 45 mm
Characteristics: • Compatible with 45x45 Mounting Rail and 45x65 Mounting Rail

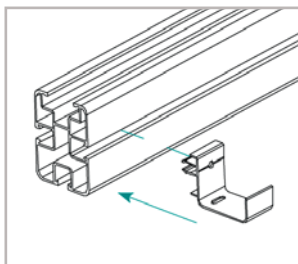
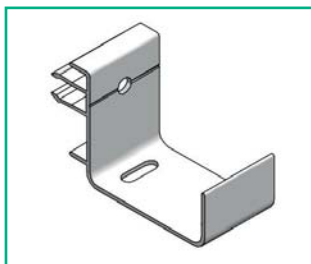
RETAINING BALL STUD



CODE	DIMENSIONS
ATL32	Ø = 6,35

- Materials:** • A2 stainless steel
Characteristics: • Compatible with screw TCEI M8

CABLE DUCTING

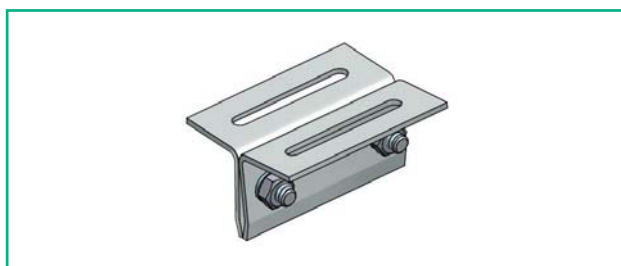


CODE
ATL011

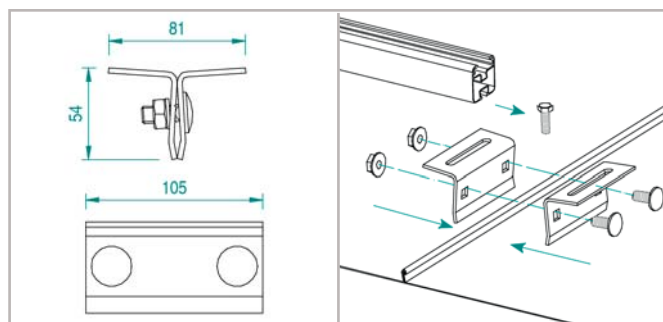
DIMENSIONS
L = 25 mm - THICK. = 3 mm

- Materials:** • Raw extruded aluminium, AL6060-T5
- Characteristics:** • Provided with slotted holes for tie wraps
• Only compatible with 45x45 and 45x65 mounting rails

BRACKET FOR RAIL FIXING ON FOLDED SHEET

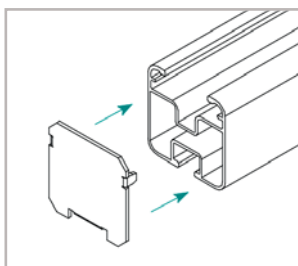
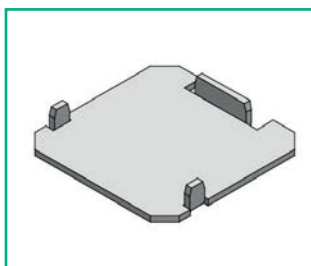


CODE	BRACKET LENGTH
ATL034	105 mm



- Materials:** • Bracket in stainless steel AISI304
• Fasteners for bracket assembly in A2 stainless steel (included)
- Characteristics:** • Compatible with 40x40 and 45x45 mounting rails
• Fasteners for profile fixing in A2 stainless steel (included)

COVER CAP 40X40

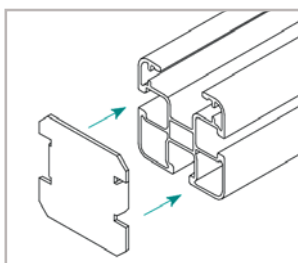
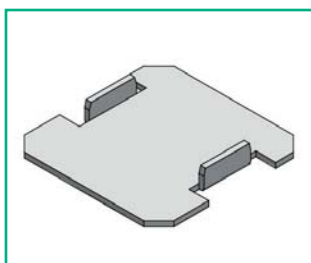


CODE
ATL047.4040

APPLICATION
For 40x40 mounting rail

- Materials:** • Raw aluminium
- Characteristics:** • Only compatible with 40x40 mounting rail
- Application:** • Snap-in application

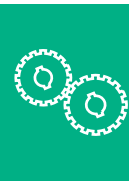
COVER CAP 45X45



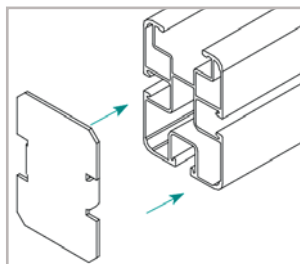
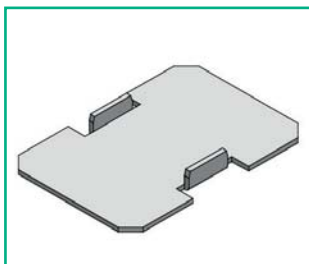
CODE
ATL047.4545

APPLICATION
For 45x45 mounting rail

- Materials:** • Raw aluminium
- Characteristics:** • Only compatible with 45x45 mounting rail
- Application:** • Snap-in application



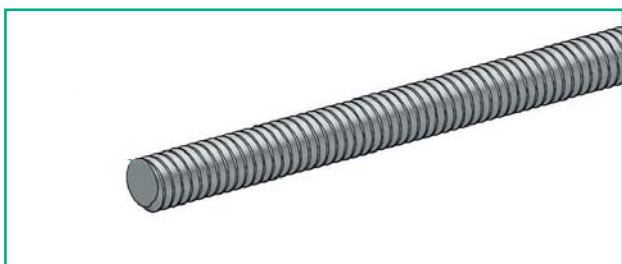
COVER CAP 45X65



CODE	APPLICATION
ATL047.4565	For 45x65 mounting rail

- Materials:** • Raw aluminium
Characteristics: • Only compatible with 45x65 mounting rail
Application: • Snap-in application

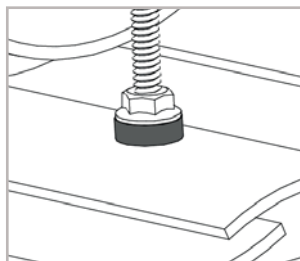
THREADED BAR



CODE	TYPE	Ø	L
ATL068.M10	STAINLESS STEEL	M10	1mt
ATL068.M12		M12	
ATL089.M10	GALVANISED STEEL	M10	1mt
ATL089.M12		M12	

- Materials:** • A2 Stainless steel
 • Galvanised steel

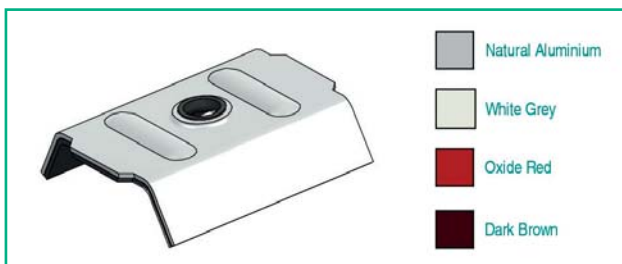
EPDM SEAL FOR THREADED ELEMENTS



CODE	DIMENSIONS
ATL031	Ø10 ÷ Ø12

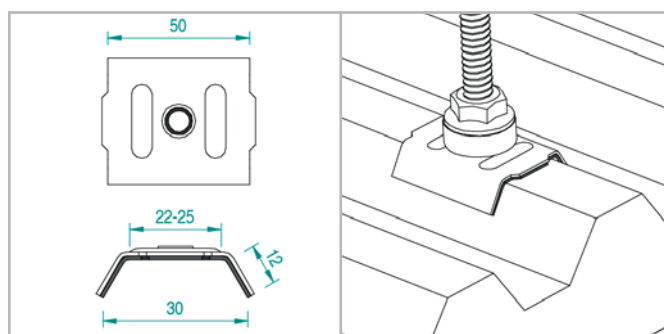
- Materials:** • Black EPDM
Characteristics: • Compatible with threaded elements both of M10 and M12

SADDLE WASHER WITH SEAL FOR FRETTED SHEET



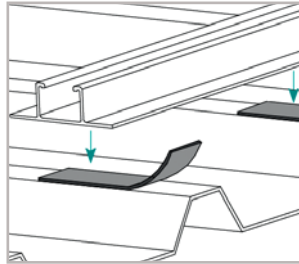
- Natural Aluminium
- White Grey
- Oxide Red
- Dark Brown

CODE	COLOUR
ATL088.NA	NATURAL ALUMINIUM
ATL088.GR	WHITE GREY
ATL088.RO	OXIDE RED
ATL088.TM	DARK BROWN



- Materials:** • Prepainted aluminium
 • Black EPDM seal
Characteristics: • Compatible with fretted sheet H20
Notes: • On request, possible supply of saddle washers with different shapes

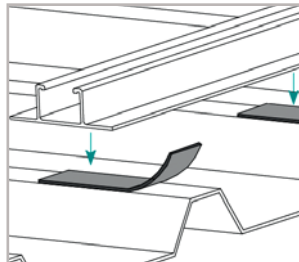
EPDM SHEATH TAPE



CODE	DIMENSIONS
ATL057	Length= 20mt - Width= 30 mm - Thick.= 2mm

- Materials:**
- Black crosslinked EPDM - adhesive with protective film
- Characteristics:**
- Density = 130 Kg/m³
 - Operating temperature = -80° ÷ +100°
 - Suitable for aluminium rails and accessories laying on fretted sheet

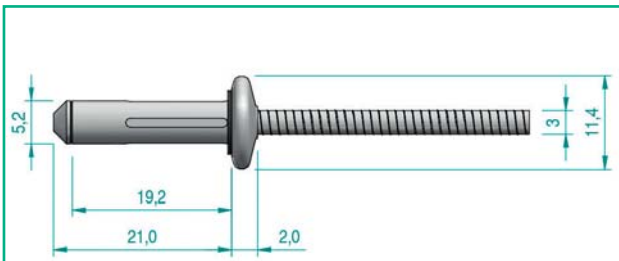
BUTYLENE WATERPROOFING SHEATH TAPE



CODE	DIMENSIONS
ATL077	Length = 10mt - Width= 30 mm - Thick. = 1,5mm

- Materials:**
- Butyl compound reinforced with polyester mesh – adhesive with protective film
- Characteristics:**
- Tensile strength = >140 N/50 mm
 - Elongation at break = >15%
 - Operating temperature = -40° ÷ +130°
 - Suitable in case of use of self tapping screws in order to drive the hole waterproofing

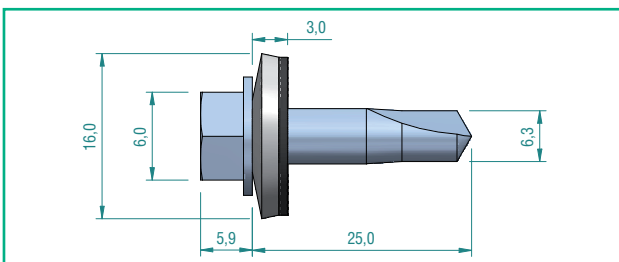
ALUMINIUM BLIND RIVET – WITH SEAL



CODE	DIMENSIONS
ATL058	Ø= 5,2 - L= 19,2 mm

- Materials:**
- Aluminium with black rubber seal
- Characteristics:**
- Pre-bored hole = Ø 5,35
 - Suitable for the laying of aluminium rails and accessories on fretted sheet

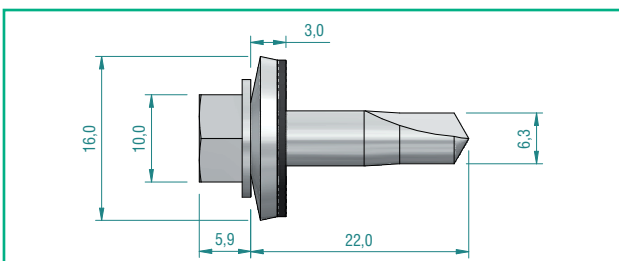
BIMETAL SELF-DRILLING SCREW



CODE	DIMENSIONS
ATL074	Ø= 6,3 mm - L= 25 mm

- Materials:**
- Body of the screw = stainless steel A4 70
 - Tip of the screw = hardened steel
- Characteristics:**
- Sealing washer = stainless steel + black EPDM
 - Special anti-friction coating
 - Drilling capacity in sheets with thickness up to 1 mm

SELF-DRILLING SCREW WITH ANTICORROSION COATING



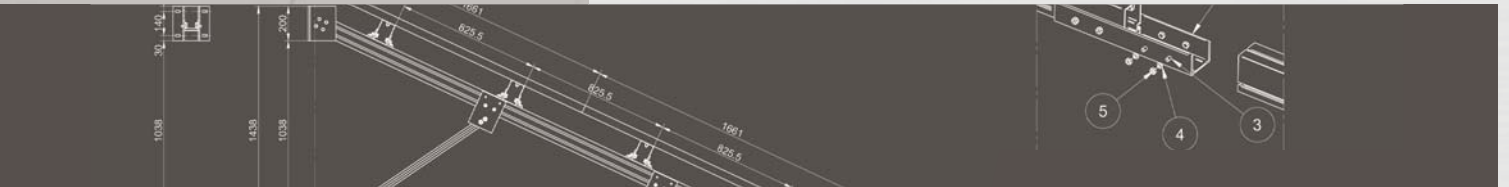
CODE	DIMENSIONS
ATL076	Ø= 6,3 mm - L= 22 mm

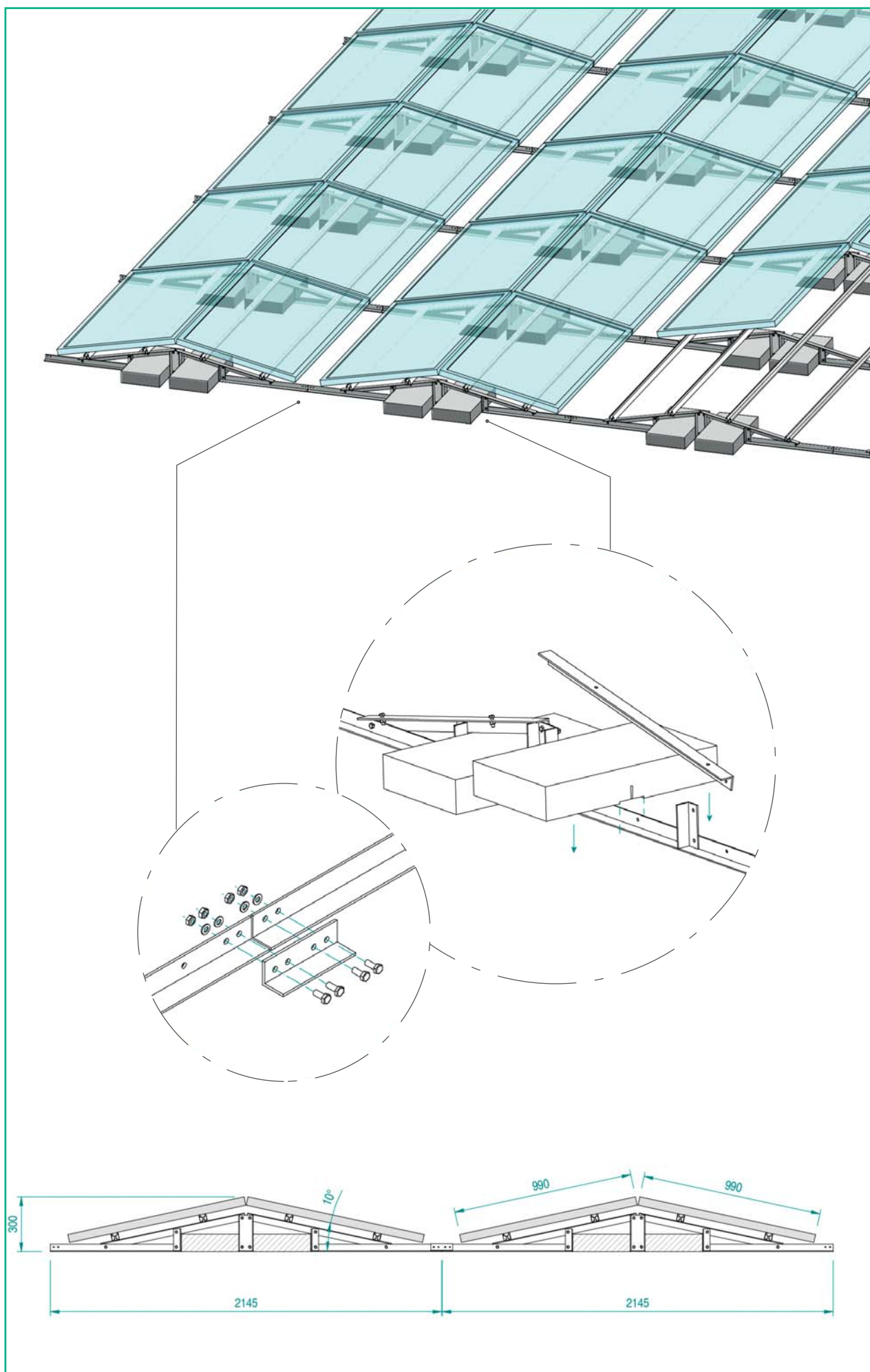
- Materials:**
- Casehardened steel, white galvanised
 - Sealing washer in A2 stainless steel + black EPDM
- Characteristics:**
- Anticorrosion coating, suitable for application in aggressive environment (sea areas, industrial areas ...)
 - Drilling capacity in sheets with thickness up to 1 mm

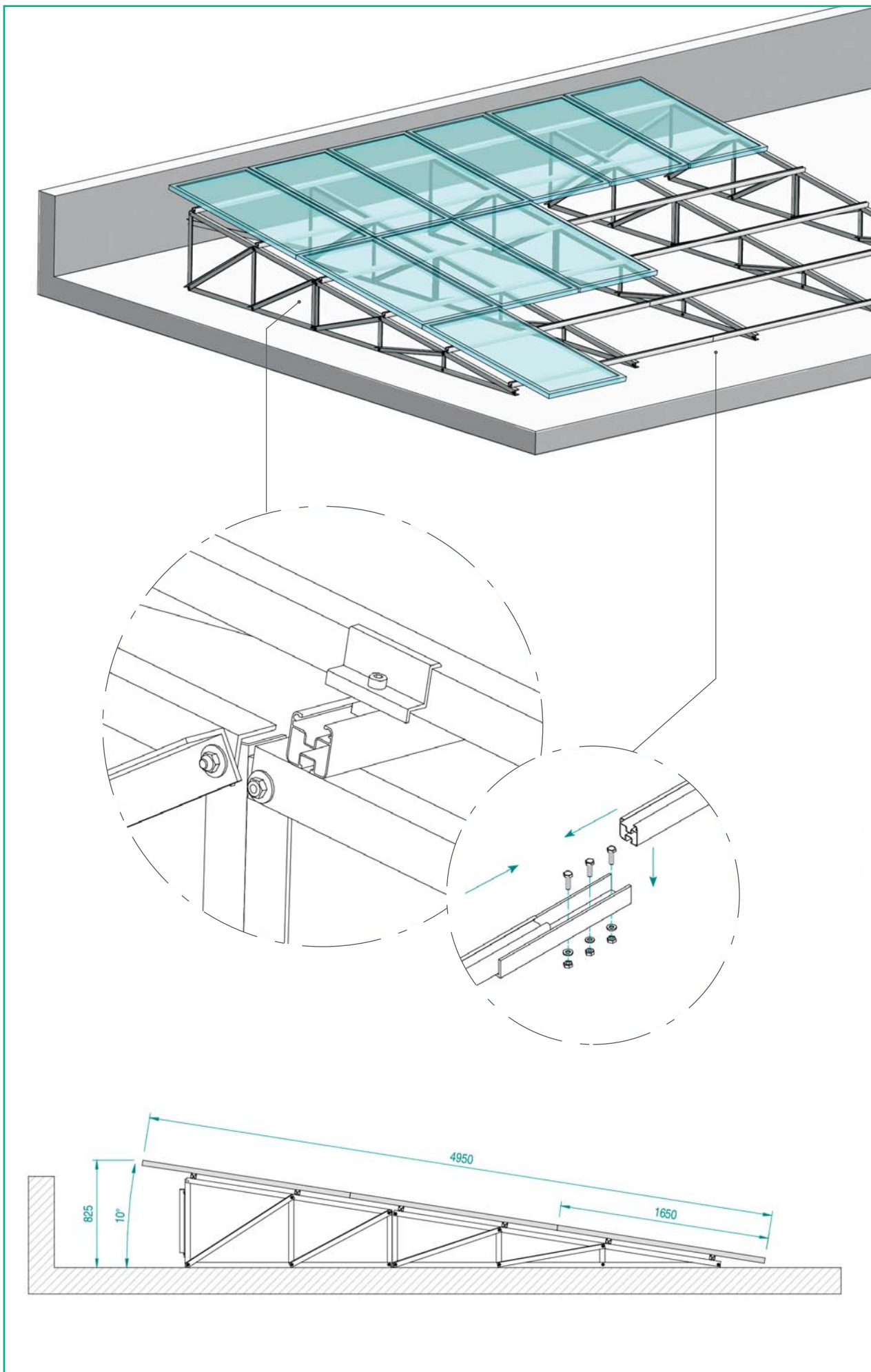


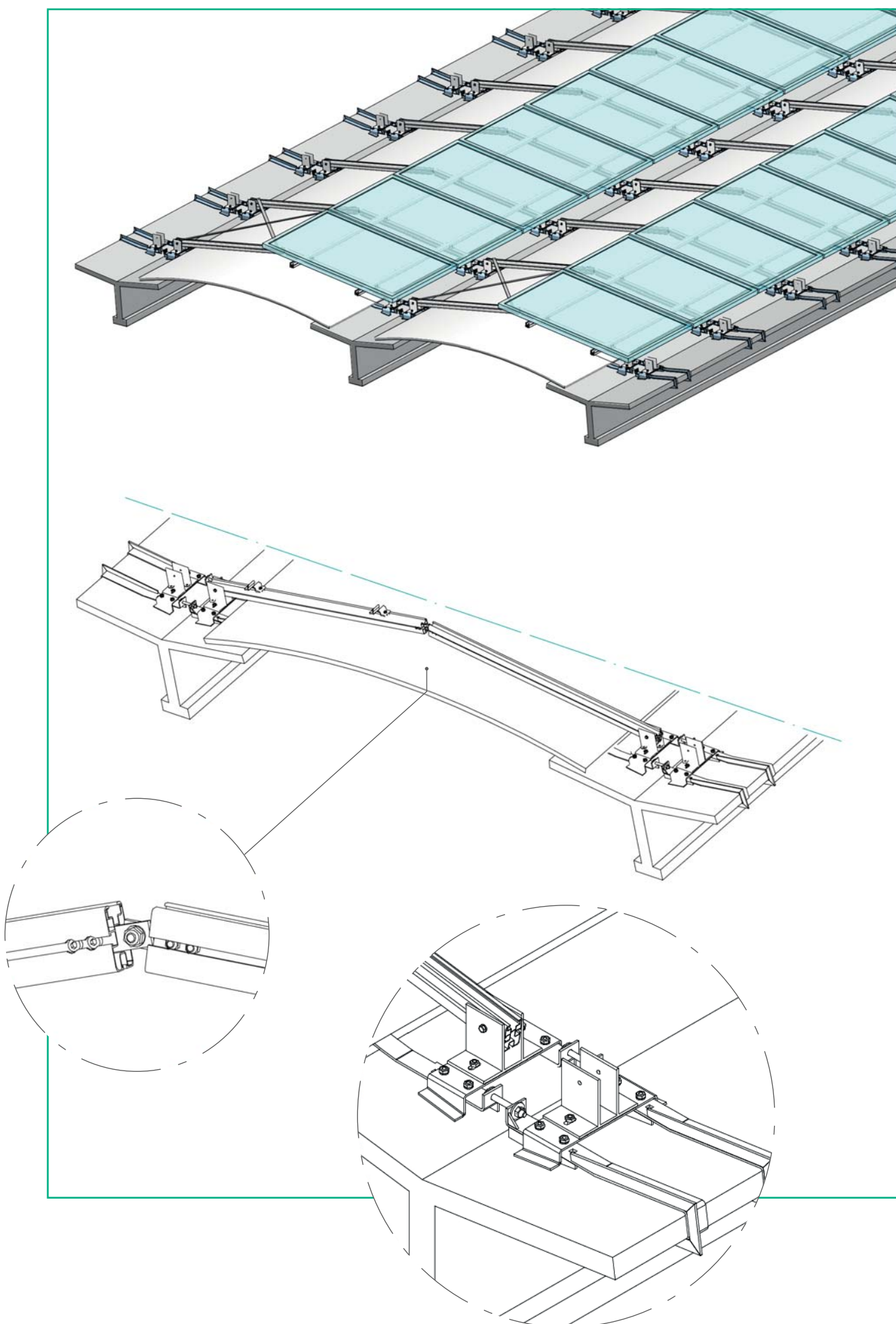


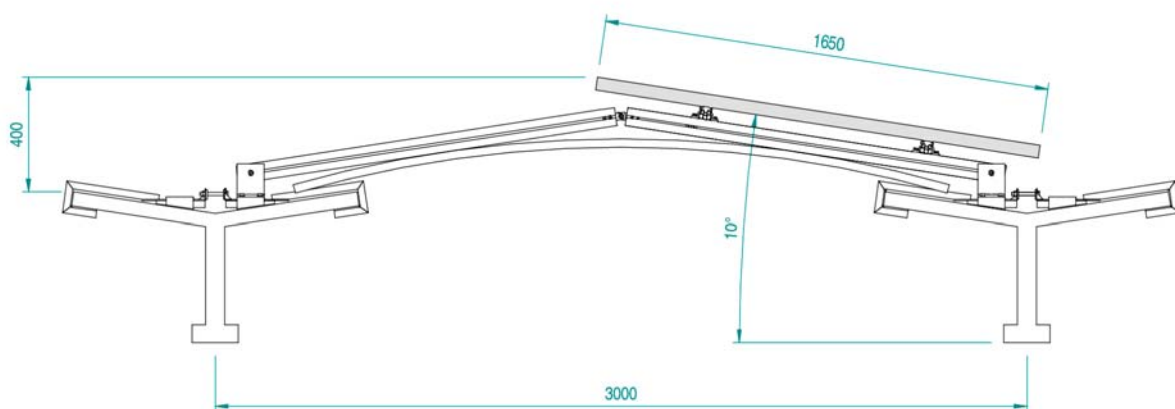
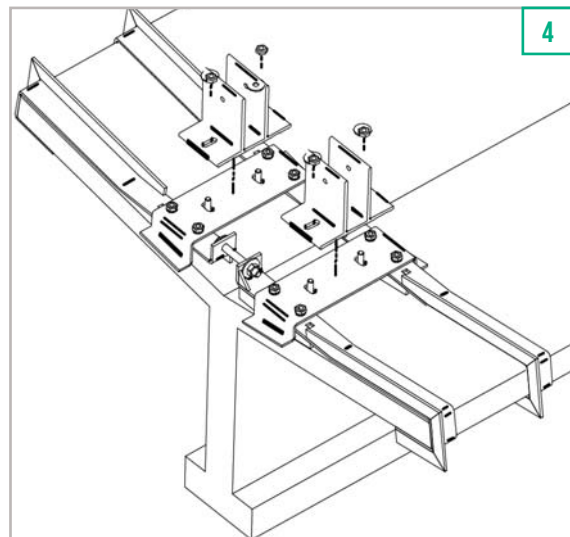
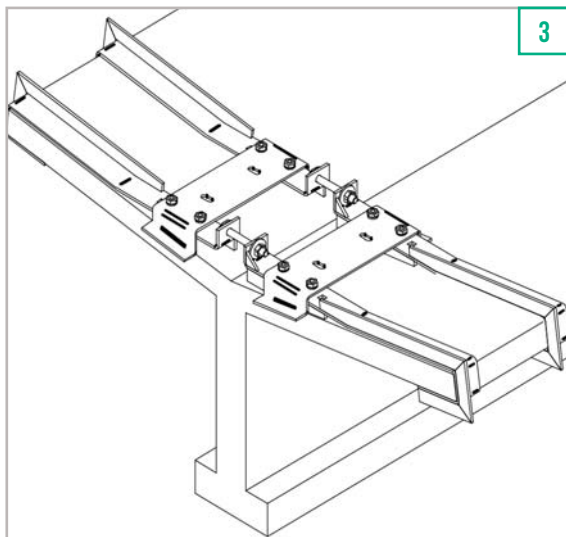
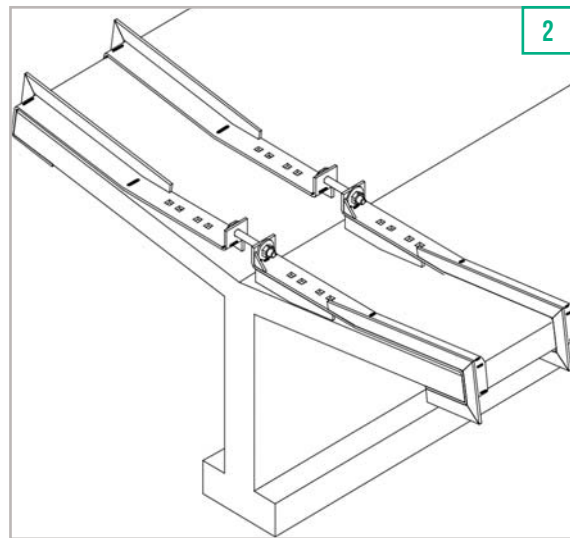
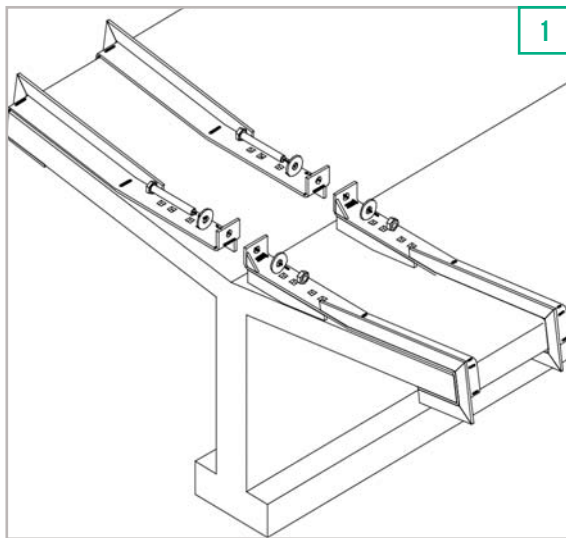
06 CUSTOMISED / INDUSTRIAL ROOFING

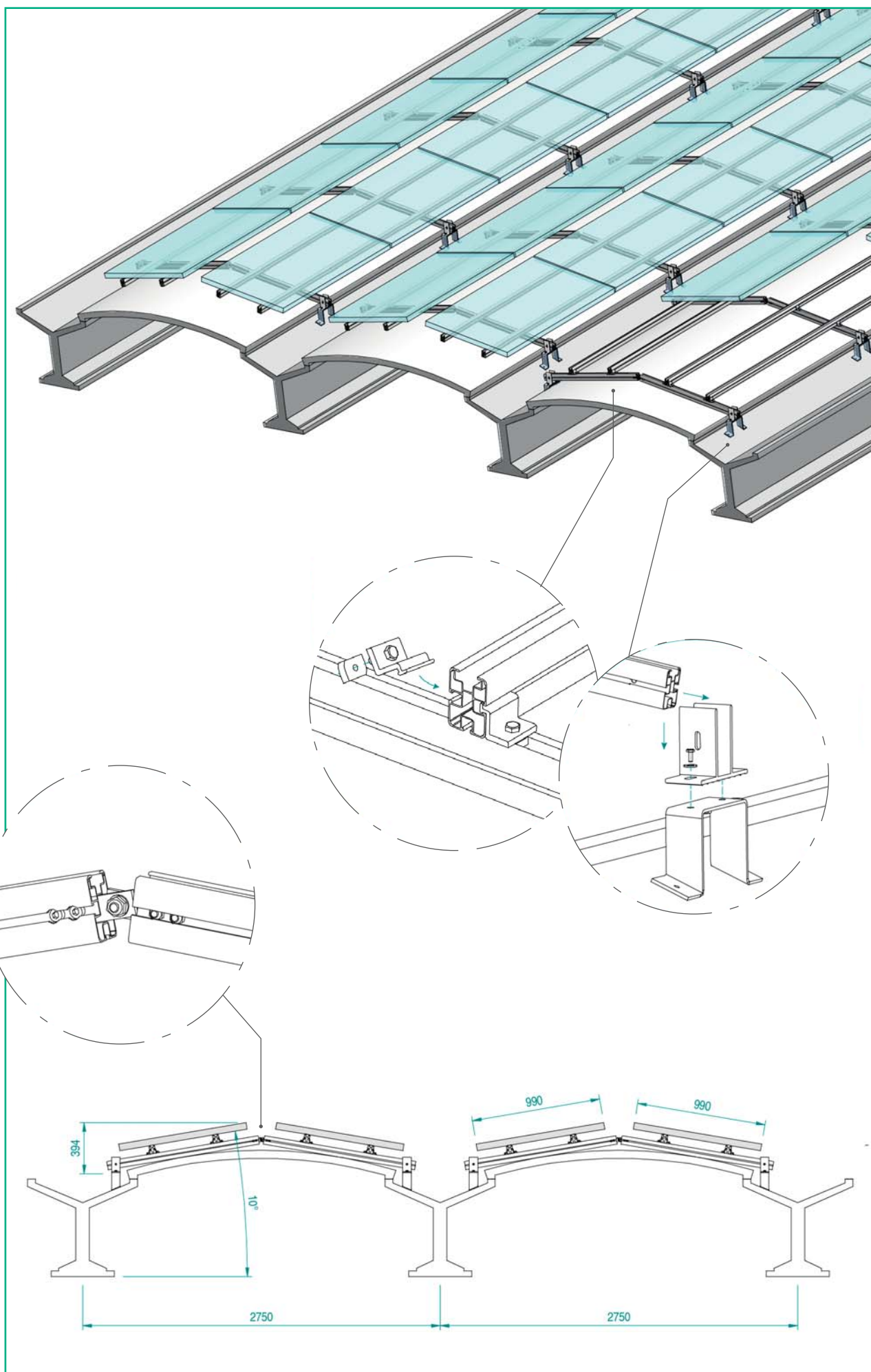


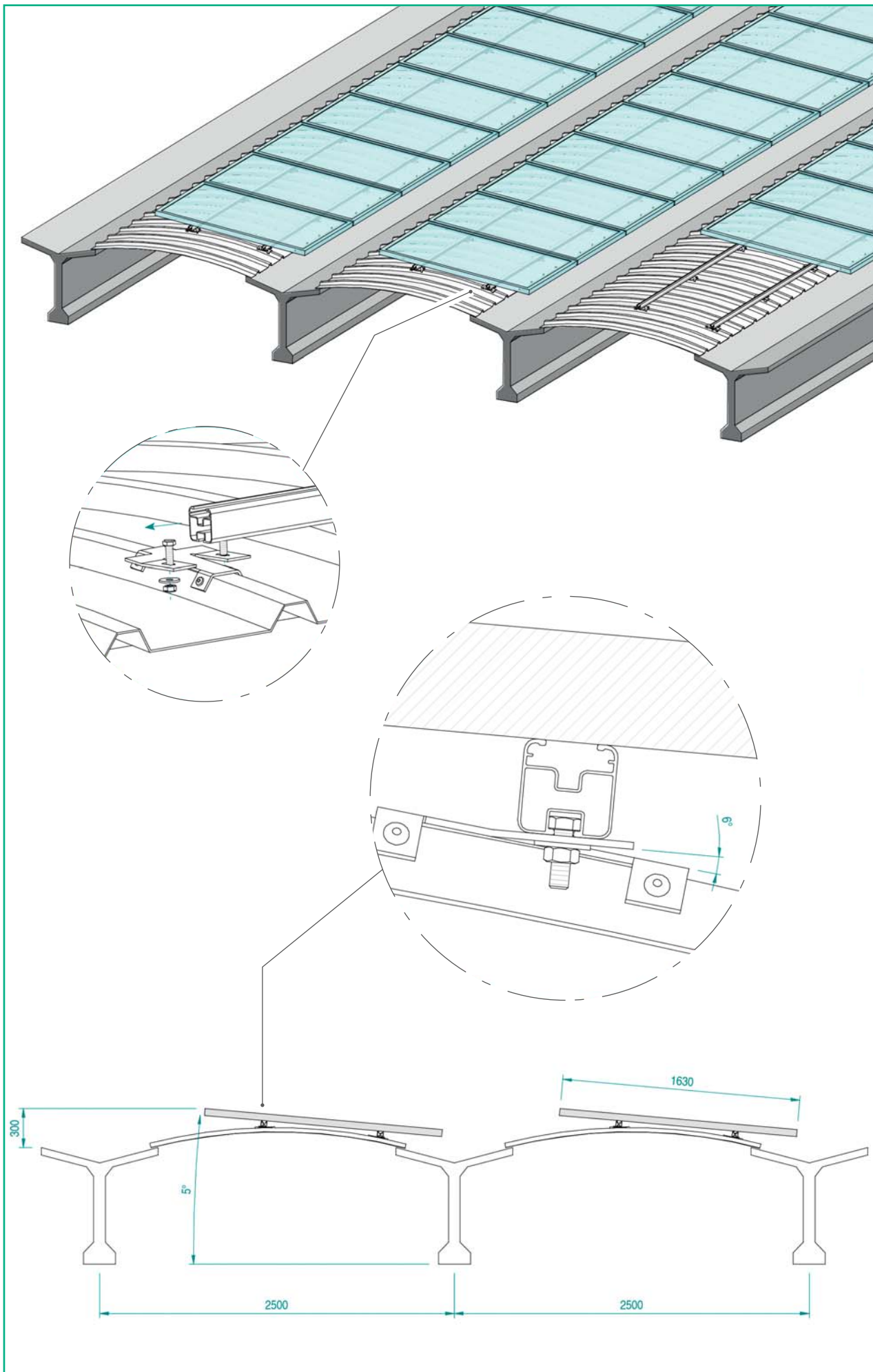






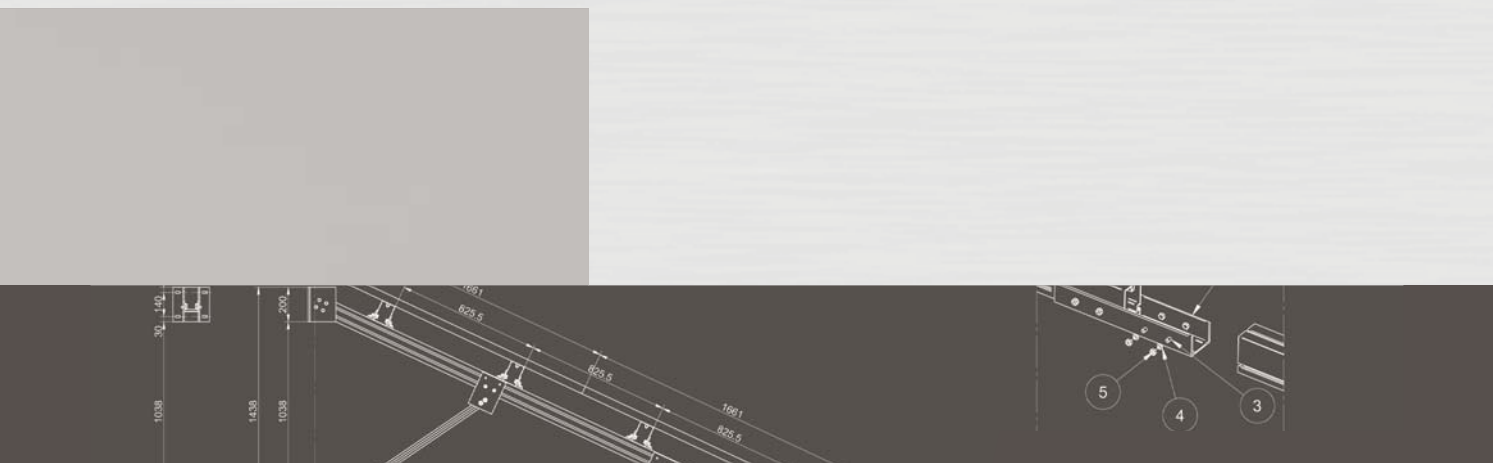


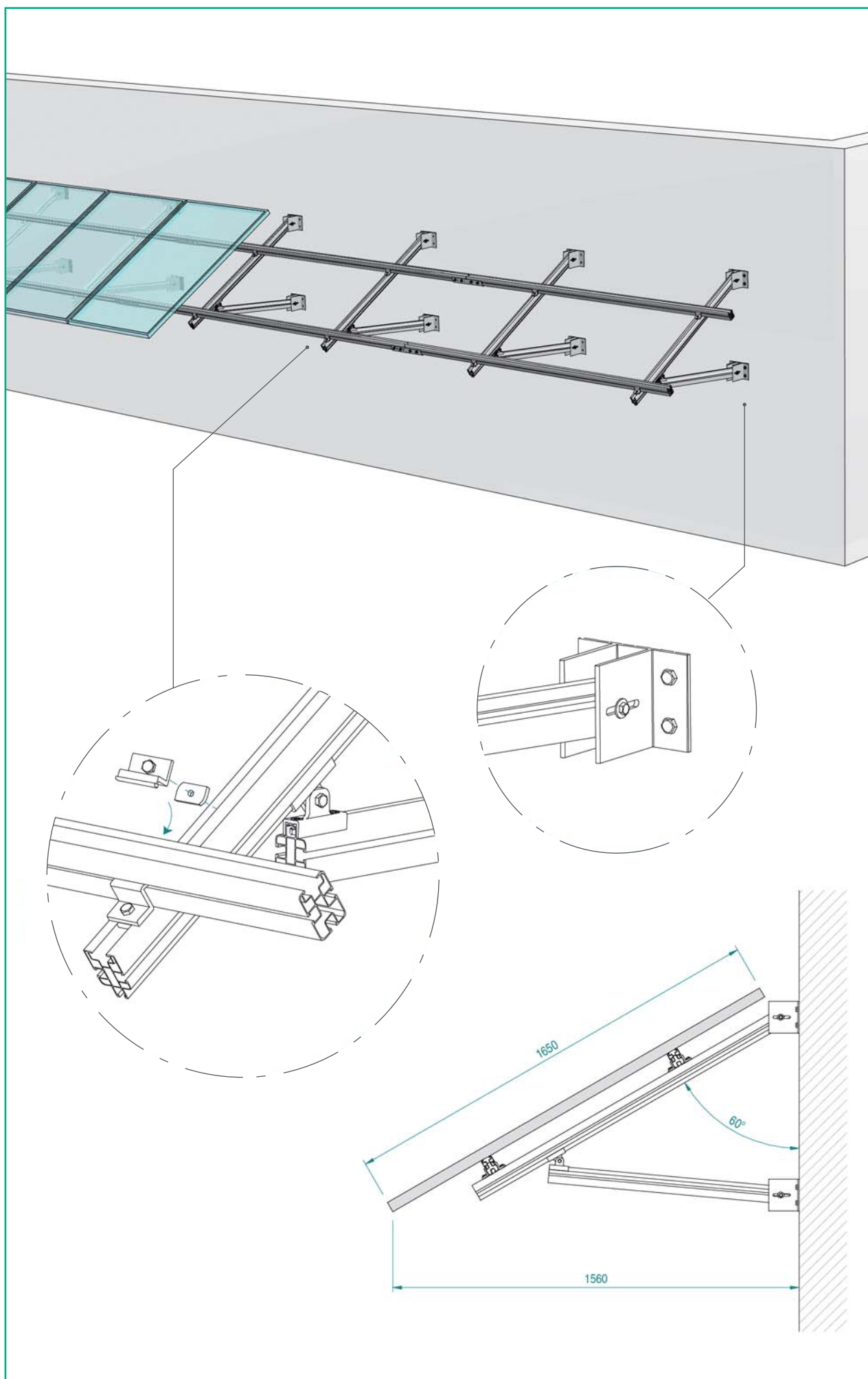


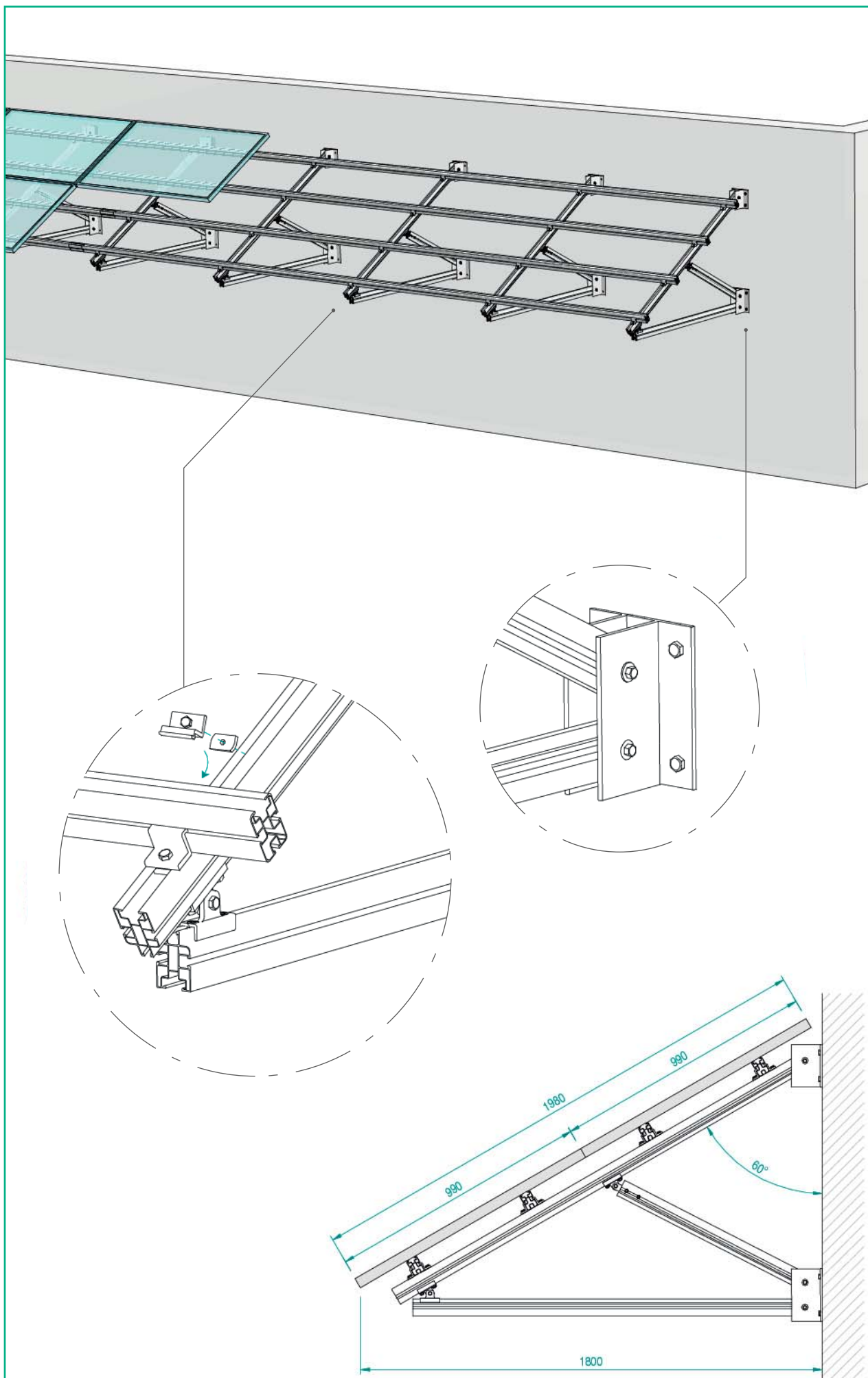


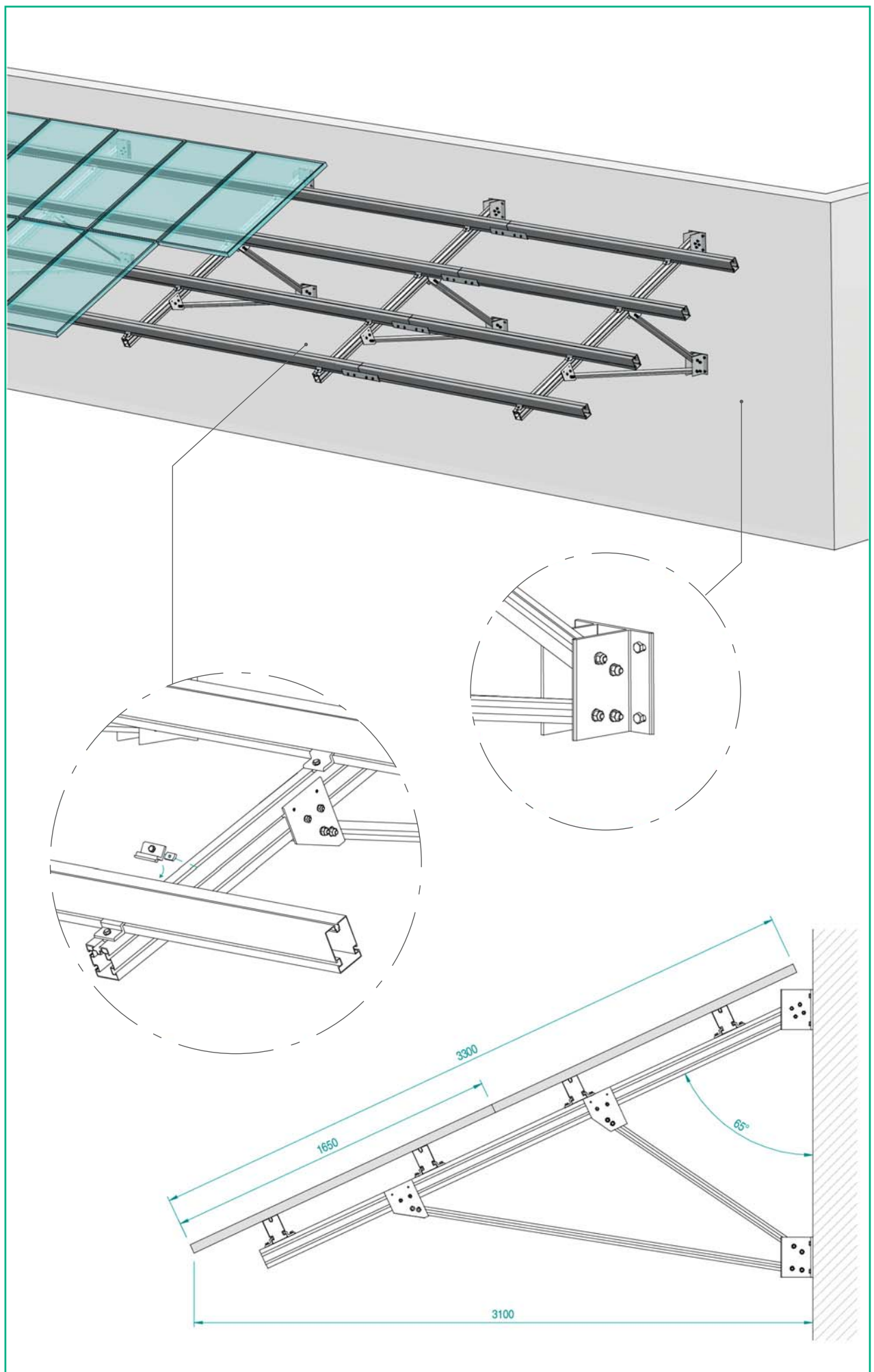


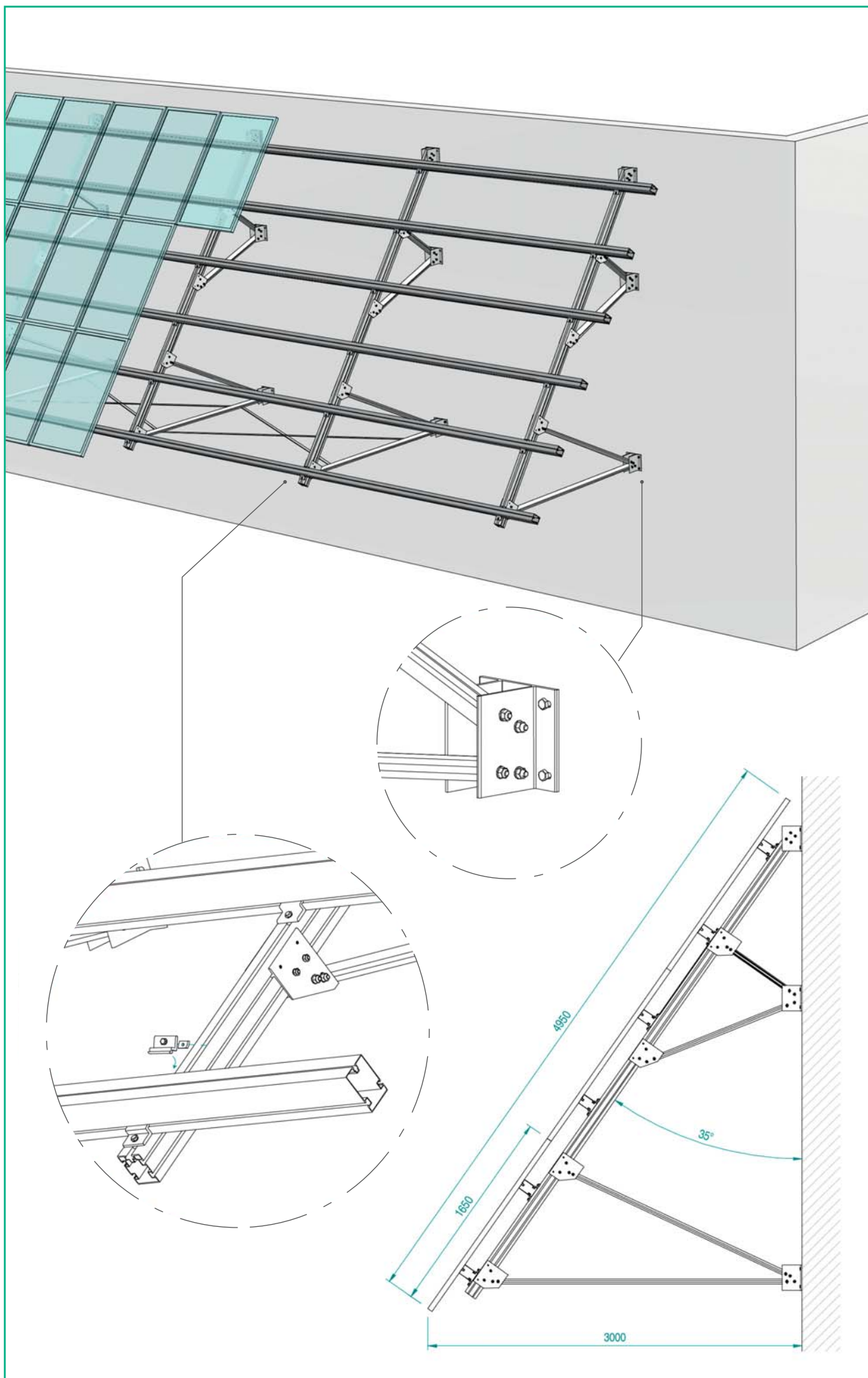
07 CUSTOMISED / PV SHADING SYSTEM







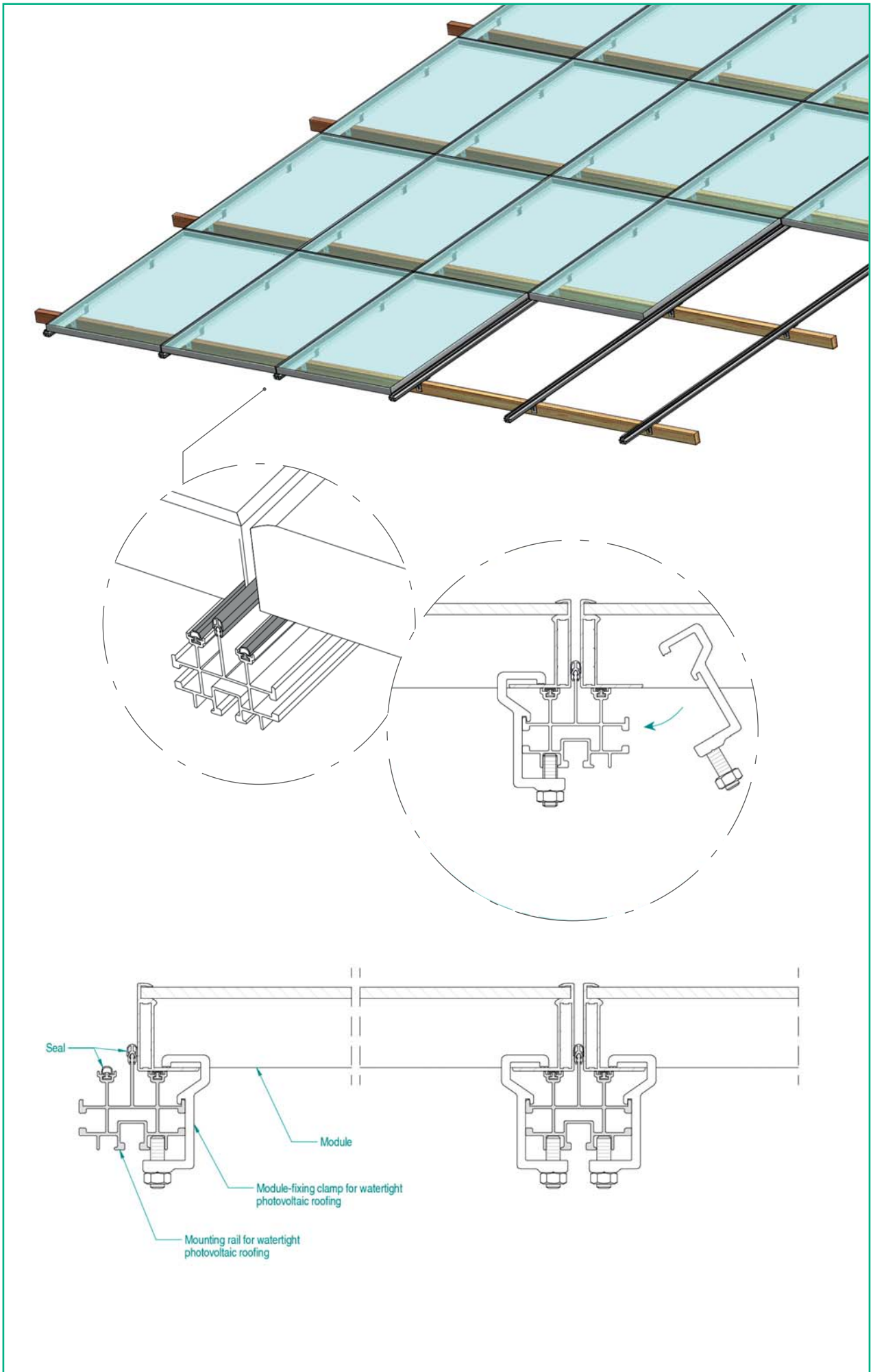




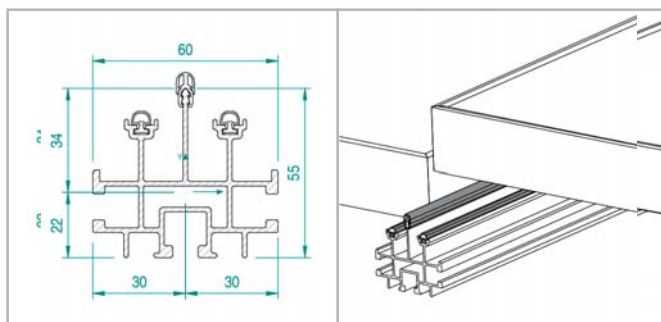
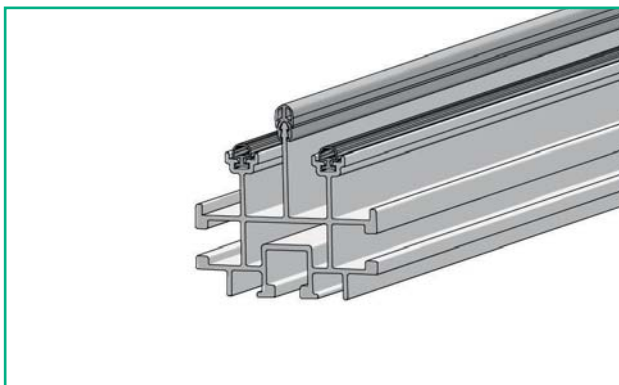


08 WATERTIGHT PHOTOVOLTAIC ROOFING /





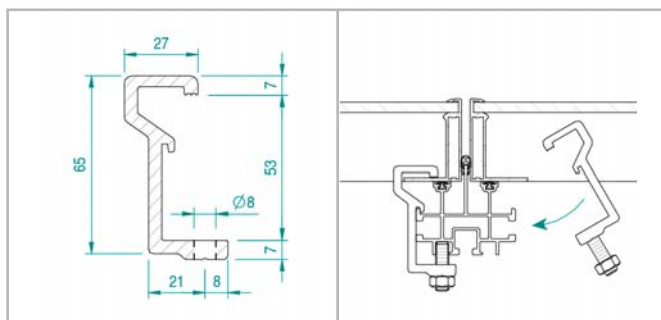
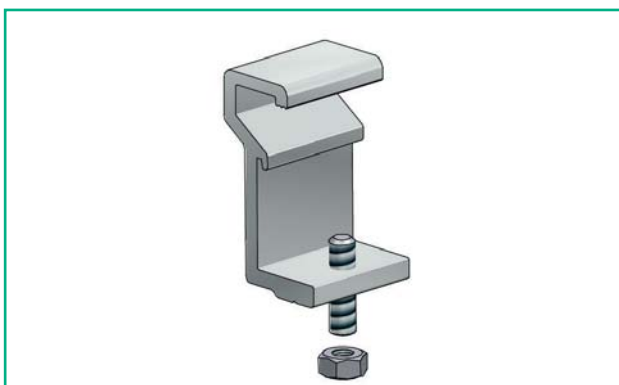
MOUNTING RAIL FOR WATERTIGHT PHOTOVOLTAIC ROOFING



- Materials:**
- Raw extruded aluminium, AL6060-T6 + black PVC seal
- Characteristics:**
- To be used for mounting structures of PV installations on pre-existing shade roofs.
 - For the rail-anchoring, the use of aluminium angular profiles with slotted holes is recommended.
 - The rail is sold with the pre-assembled PVC seal included

CODE	RAIL LENGTH
ATLPS4662.680	6,8 mt

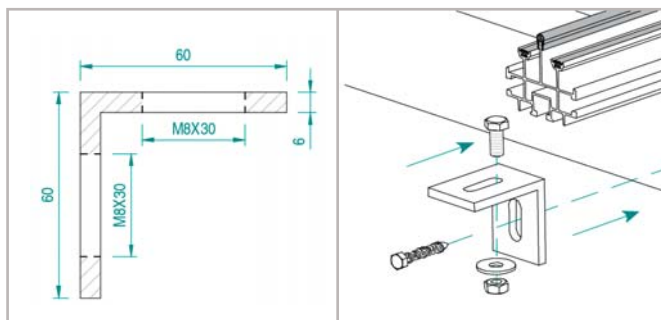
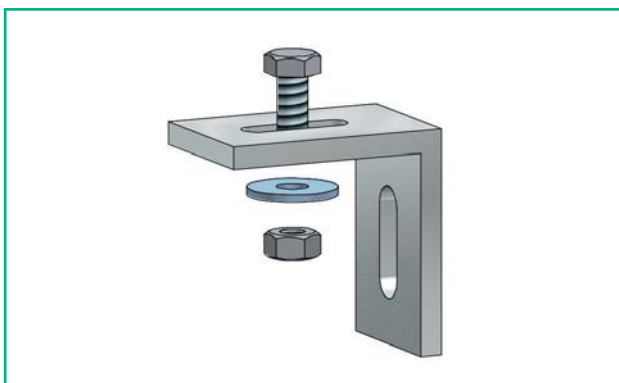
MODULE-FIXING CLAMP FOR WATERTIGHT PHOTOVOLTAIC ROOFING



- Materials:**
- Raw extruded aluminium, AL6060-T6
 - Fasteners in A2 stainless steel
- Characteristics:**
- Universal clamp
 - Only compatible with ATLPS4662.680 mounting rail
 - Included fasteners = 1 threaded grub screw M8x30 + 1 nut M8

CODE	DIMENSIONS
ATL024	H=65mm - Ø=8 mm

ANGULAR PROFILE FOR PER RAIL ANCHORING



- Materials:**
- Raw extruded aluminium, AL6060-T5
- Characteristics:**
- Provided with 2 slotted holes for the screw used for the rail fixing

CODE	DIMENSIONE
FTM0313	60 x 60 x 6 mm

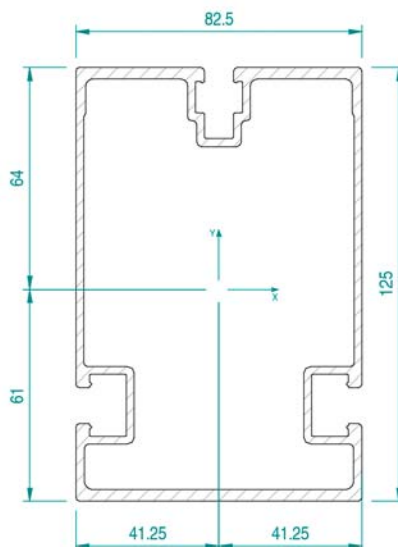
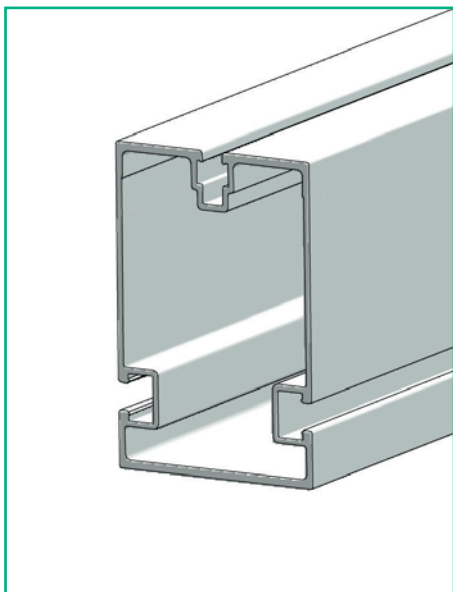




09 HIGH- PERFORMANCE SYSTEM /



HP RAIL PROFILE

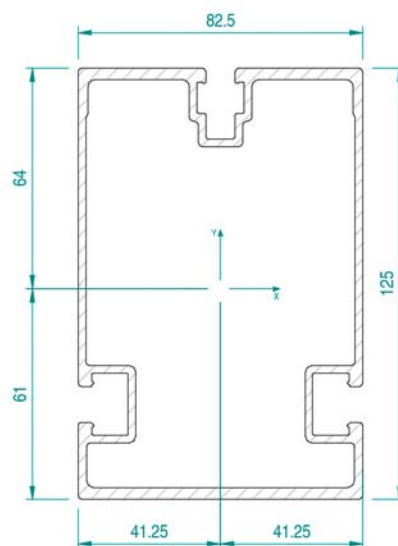
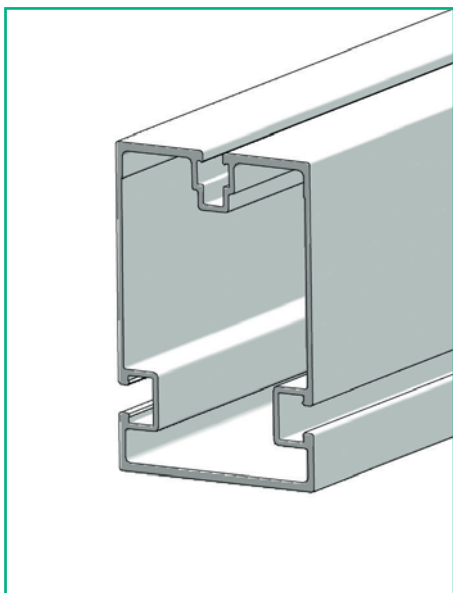


$$\begin{aligned} A &= 1381,94 \text{ mm}^2 \\ J_x &= 3147092,56 \text{ mm}^4 \\ J_y &= 1349258,98 \text{ mm}^4 \\ W_x &= 49203,12 \text{ mm}^3 \\ W_y &= 32709,31 \text{ mm}^3 \\ A_{\varphi} &= 673,32 \text{ mm}^2 \end{aligned}$$

CODE	RAIL LENGTH
ATLPS4463.615	6,15 mt
ATLPS4463.- - -	Customised

- Materials:**
- Raw extruded aluminium, AL6060-T6
- Characteristics:**
- To be used on structures for ground installations or structures with wide distance between supports.
 - Rail-fixing by means of FTM0161 clamp
 - Max Length = 7,80 mt

HP PROFILE RAIL – LIGHT



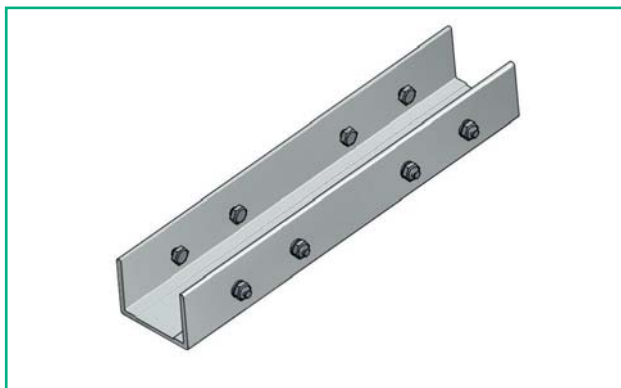
$$\begin{aligned} A &= 947,63 \text{ mm}^2 \\ J_x &= 2011788,2 \text{ mm}^4 \\ J_y &= 985041,51 \text{ mm}^4 \\ W_x &= 31547,56 \text{ mm}^3 \\ W_y &= 23879,79 \text{ mm}^3 \\ A_{\varphi} &= 561,46 \text{ mm}^2 \end{aligned}$$

CODE	RAIL LENGTH
ATLPS4722.615	6,15 mt
ATLPS4722.- - -	Customised

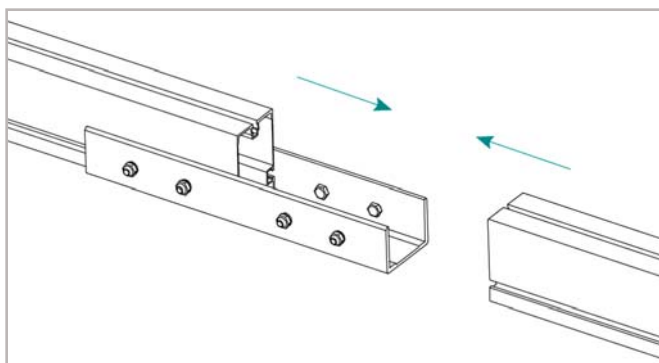
- Materials:**
- Raw extruded aluminium, AL6060-T6
- Characteristics:**
- To be used on structures for ground installations or structures with wide distance between supports.
 - Rail-fixing by means of FTM0161 clamp
 - Max Length = 7,80 mt

Kg

JOINT FOR HP RAIL PROFILE

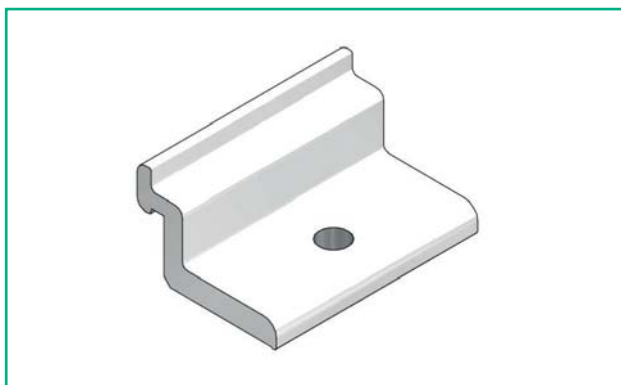


CODE	LENGTH
FTM0160	480 mm

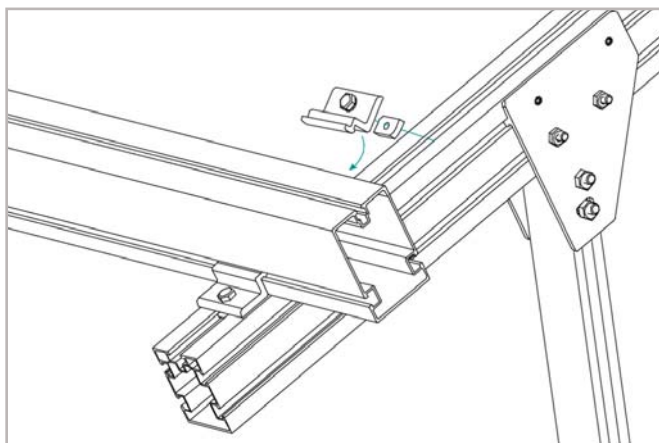


- Materials:**
- Joint in raw extruded aluminium, AL6060-T6
 - Fasteners in A2 stainless steel (included)
- Characteristics:**
- Only compatible with HP rail profile
 - Provided with n. 8 holes Ø 10,5 for screw housing
- Included fasteners:**
- N. 8 screws TE-M10x25
 - N. 8 toothed washers M10
 - N. 8 nuts M10

HP PROFILE-FIXING CLAMP

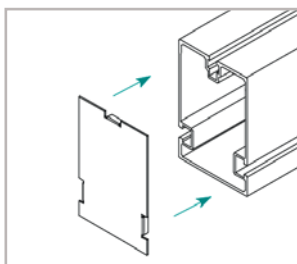
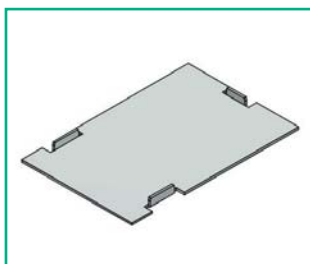


CODE	TYPE
FTM0161	With fasteners
FTM0778	Without fasteners



- Materials:**
- Clamp in raw extruded aluminium, AL6060-T5
- Characteristics:**
- Only compatible with HP rail profile
- Included fasteners:**
- Screw TE-M10x25 • Toothed washer M10

COCER CAP FOR HP RAIL PROFILE



CODE	DIMENSIONS
ATL026	125 x 82,5 mm

- Materials:**
- Raw aluminium
- Characteristics:**
- Only compatible with HP rail profile

