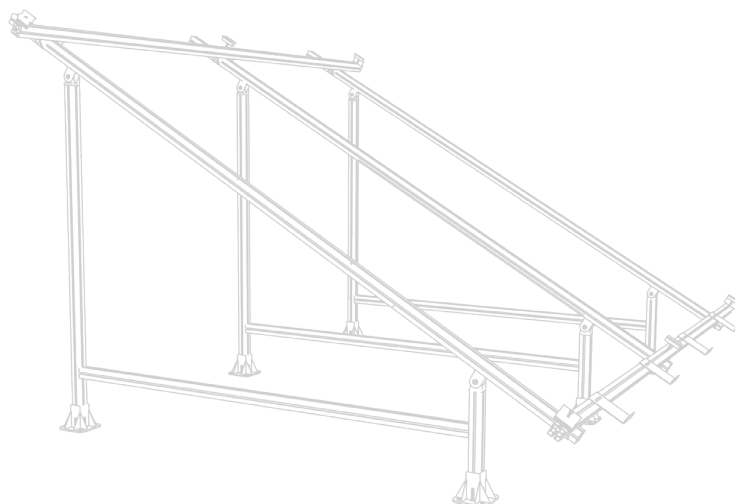




MOUNTING STRUCTURES FOR SOLAR PANELS

STRUTTURE PER PANNELLI SOLARI
ESTRUCTURAS PARA PANELES SOLARES
STRUCTURES POUR PANNEAUX SOLAIRES
STRUKTUREN FÜR SOLARANLAGEN



EN

Energy savings and the use of renewable energy sources is now a well-established sector. ALUSIC's extruded profiles provide extensive advantages compared to traditional materials such as steel, for instance:

- **Significantly reduced weight of structures**
- **High resistance to corrosion thanks to 13-15 µm thick anodising layer**
- **High mechanical strength**
- **Facilitated creation of structures**
- **Reduced aesthetic impact**
- **Completely diamagnetic material**
- **Very easily recycled material**

IT

Il risparmio energetico e il ricorso a fonti rinnovabili è un settore ormai consolidato. I profili estrusi ALUSIC esprimono al meglio i propri vantaggi rispetto ai tradizionali materiali da costruzione come l'acciaio, essi sono traducibili in:

- peso ridottissimo delle strutture;
- elevata resistenza alla corrosione grazie all'anodizzazione spessore 13-15 µm;
- elevata resistenza meccanica;
- facilità nel realizzare le strutture;
- impatto estetico ridotto;
- assoluta diamagnetività del materiale;
- grande facilità nella riciclabilità del materiale.

ES

El ahorro energético y el uso de fuentes renovables es un sector ya consolidado. Los perfiles extruidos ALUSIC ofrecen mayores ventajas respecto a los materiales de fabricación tradicionales, como el acero, que se traducen en:

- peso muy reducido de las estructuras;
- elevada resistencia a la corrosión gracias al anodizado de 13-15 µm de grosor;
- elevada resistencia mecánica;
- facilidad para realizar las estructuras;
- reducido impacto estético;
- total diamagnetismo del material;
- gran reciclabilidad del material.

FR

Les économies d'énergie et le recours à des sources d'énergie renouvelables représentent désormais un secteur consolidé. Les profilés extrudés ALUSIC font valoir leurs avantages par rapport aux matériaux de construction traditionnels tels que l'acier; ils se traduisent par les caractéristiques suivantes:

- poids minimum des structures;
- haute résistance à la corrosion grâce à l'anodisation d'une épaisseur de 13-15 µm;
- haute résistance mécanique;
- facilité de réalisation des structures;
- impact esthétique réduit;
- matériau totalement diamagnétique;
- grande facilité de recyclage du matériau.

DE

Die Energieeinsparung und das Zurückgreifen auf erneuerbare Energiequellen ist eine mittlerweile konsolidierte Branche. Die stranggepressten Profile von ALUSIC bringen ihre Vorteile gegenüber traditionellen Baumaterialien wie Stahl bestmöglich zum Ausdruck; sie zeichnen sich aus durch:

- stark reduziertes Gewicht der Strukturen;
- hohe Korrosionsbeständigkeit dank einer 13-15 µm dicken Eloxierung;
- hohe mechanische Festigkeit;
- einfache Schaffung der Strukturen;
- wenig ästhetische Auswirkungen;
- vollkommen diamagnetisches Material;
- einfaches Recycling des Materials.



PV LINE



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pag. 16



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pag. 52



pag. 70



pag. 79

SYMBOLS / SIMBOLI / SÍMBOLOS / SYMBOLES / SYMBOLE

**Product for series 45 8 AC slot profiles**

Prodotto per profili serie 45 cava 8 AC
 Producto para perfiles con ranura 8 AC serie 45
 Produit pour profilés rainure 8 AC série 45
 Produkt für Profile 8 AC Nut Reihe 45

**Product for series 45 10 BH slot profiles**

Prodotto per profili serie 45 cava 10 BH
 Producto para perfiles con ranura 10 BH serie 45
 Produit pour profilés rainure 10 BH série 45
 Produkt für Profile 10 BH Nut Reihe 45

**Product for 20 slot profiles**

Prodotto per profili cava 20
 Producto para perfiles con ranura 20
 Produit pour profilés rainure 20
 Produkt für Profile 20 Nut

**Box**

Scatola
 Caja
 Boîte
 Schachtel

**Load**

Portata
 Carga
 Charge
 Tragkraft

STAINLESS STEEL

Stainless steel product

Prodotto in inox
 Producto de acero inoxidable
 Produit en acier inoxydable
 Produkt aus rostfreiem Stahl

ITALIAN PATENT

Patented product

Prodotto brevettato
 Producto patentado
 Produit breveté
 Patentiertes Produkt

PATENT

NEW

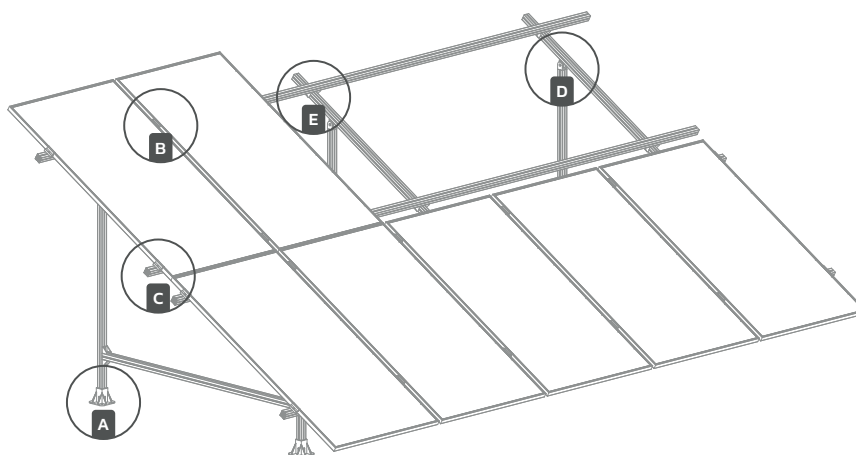
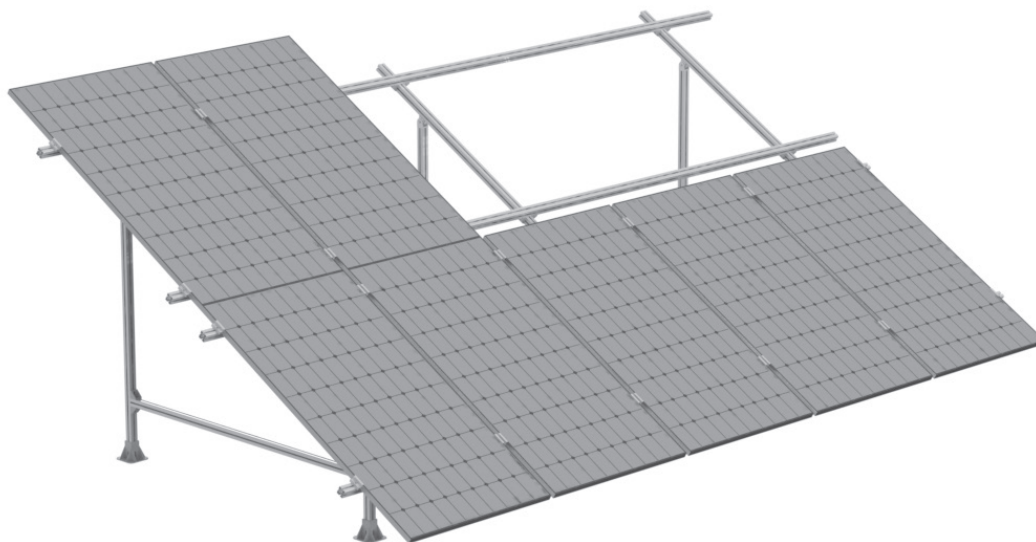
New product

Prodotto nuovo
 Nuevo producto
 Nouveau produit
 Neues Produkt

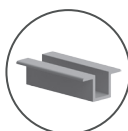


EXAMPLE OF TRIANGLES ASSEMBLY WITH PILLARS

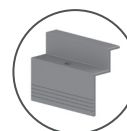
ESEMPIO DI INSTALLAZIONE TRIANGOLI CON MONTANTI
EJEMPLO DE MONTAJE TRIANGULOS CON PILARES
EXAMPE DE MONTAGE DES TRIANGLES AVEC MONTANTS
MONTAGEBEISPIEL VON DREIECKE MIT SAULEN



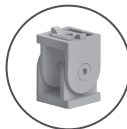
A 084.409.002
FLOOR MOUNT BASE
BASE A PAVIMENTO
BASE DE ANCLAJE
EMBASE DE FIXATION
PFOSTENKONSOLE



B 084.106.104G
INTERMEDIATE CLIP
GRAFFETTA INTERMEDIA
GRAPA INTERMEDIA
AGRAFE INTERMEDIAIRE
MITTELKLAMMER



C 084.106.103-30G
END CLIP
GRAFFETTA D'ESTREMITA'
GRAPA DE EXTREMO
AGRAFE D'EXTREMITÉ
ENDKLAMMER



D 084.311.015
ARTICULATED JOINT
GIUNTO SNODATO
EMPALME ARTICULADO
JOINT ARTICULÉ
VERBINDER MIT GELENK

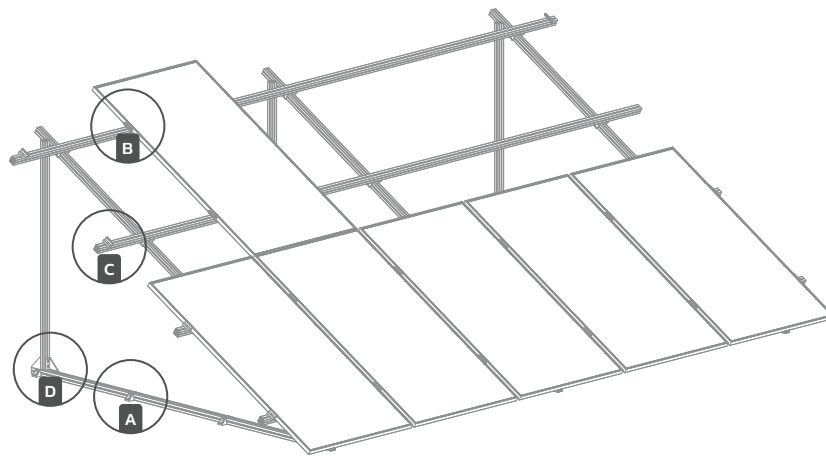
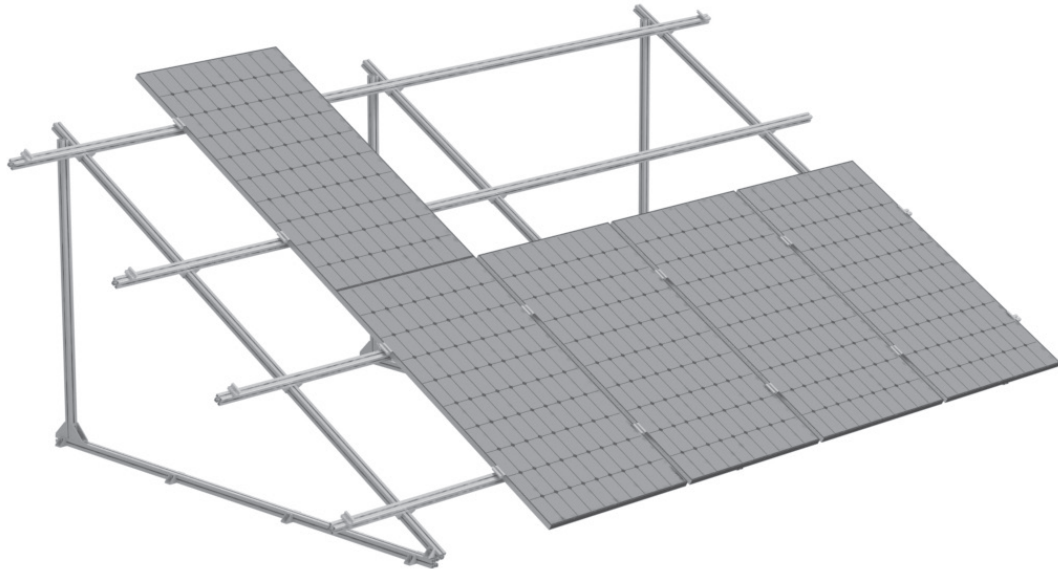


E 084.305.003
43X43 BRACKET
ANGOLARE 43X43
ESCUADRA 43X43
EQUERRE 43X43
ALUWINKEL 43X43

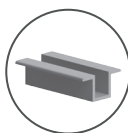


EXAMPLE OF TRIANGLES ASSEMBLY WITHOUT PILLARS

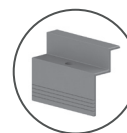
ESEMPIO DI INSTALLAZIONE TRIANGOLI SENZA MONTANTI
 EJEMPLO DE MONTAJE TRIANGULOS SIN PILARES
 EXAMPE DE MONTAGE DES TRIANGLES SANS MONTANTS
 MONTAGEBEISPIEL VON DREIECKE OHNE SAULEN



A 084.305.003
43X43 BRACKET
 ANGOLAIRE 43X43
 ESCUADRA 43X43
 EQUERRE 43X43
 ALLWINKEL 43X43



B 084.106.104G
INTERMEDIATE CLIP
 GRAFFETTA INTERMEDIA
 GRAPA INTERMEDIA
 AGRAFE INTERMEDIAIRE
 MITTELKLAMMER



C 084.106.103-30G
END CLIP
 GRAFFETTA D'ESTREMITA'
 GRAPA DE EXTREMO
 AGRAFE D'EXTREMITÉ
 ENDKLAMMER



D 084.305.033
25X40 BRACKET
 ANGOLAIRE 25X40
 ESCUADRA 25X40
 EQUERRE 25X40
 ALLWINKEL 25X40



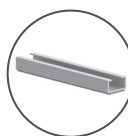
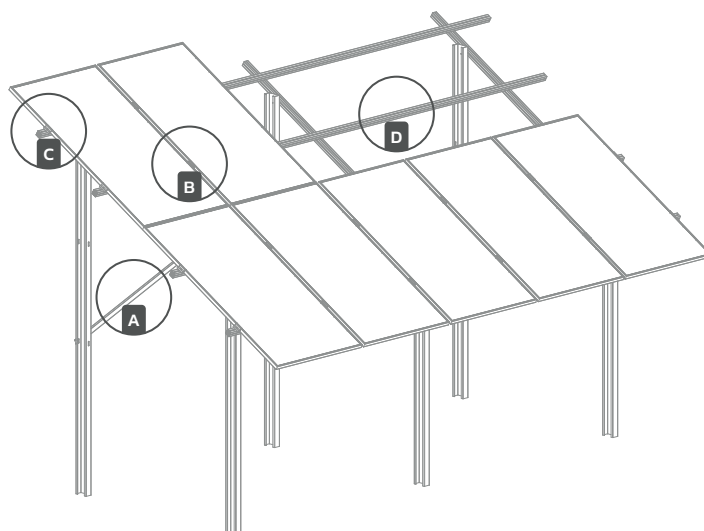
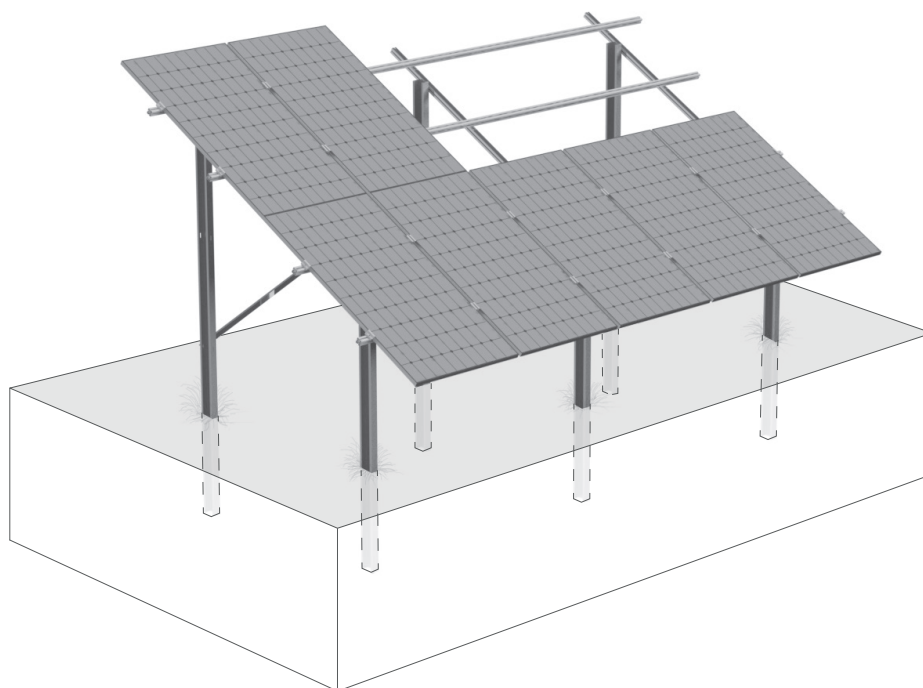
EXAMPLE OF TRIANGLES ASSEMBLY WITH PILLARS

ESEMPIO DI INSTALLAZIONE TRIANGOLI CON MONTANTI

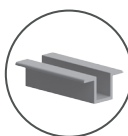
EJEMPLO DE MONTAJE TRIANGULOS CON PILARES

EXAMPLE DE MONTAGE DES TRIANGLES AVEC MONTANTS

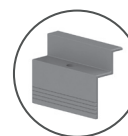
MONTAGEBEISPIEL VON DREIECKE MIT SAULEN



A 084.106.010G
INTEGRATION BRACKET
STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL



B 084.106.104G
INTERMEDIATE CLIP
GRAFFETTA INTERMEDIA
GRAPA INTERMEDIA
AGRAFE INTERMEDIAIRE
MITTELKLAMMER



C 084.106.103-30G
END CLIP
GRAFFETTA D'ESTREMITÀ
GRAPA DE EXTREMO
AGRAFE D'EXTREMITÉ
ENDKLAMMER

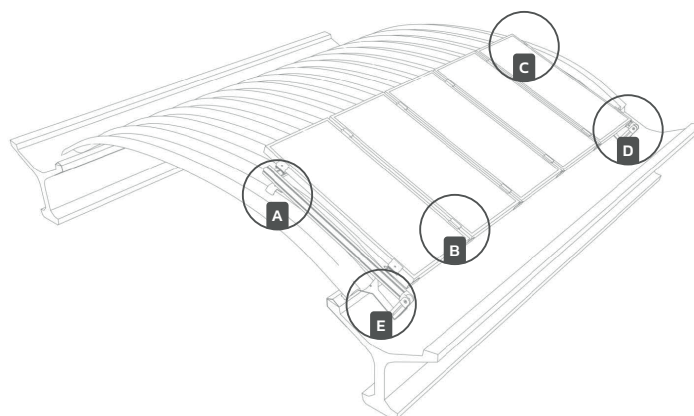
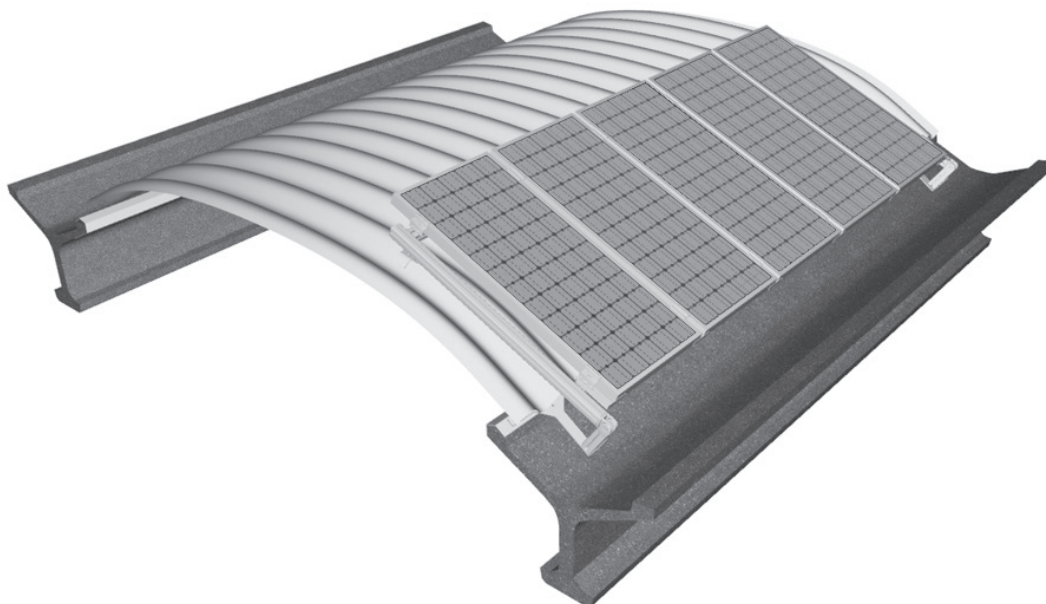


D 084.101.042G
45X45 PROFILE



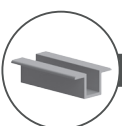
EXAMPLE OF TRIANGLES ASSEMBLY WITH PILLARS

ESEMPIO DI INSTALLAZIONE TRIANGOLI CON MONTANTI
 EJEMPLO DE MONTAJE TRIANGULOS CON PILARES
 EXAMPE DE MONTAGE DES TRIANGLES AVEC MONTANTS
 MONTAGEBEISPIEL VON DREIECKE MIT SAULEN



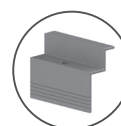
A 084.106.122

BRACKET FOR SHEET METAL
 STAFFA PER LAMIERA
 ESTRIBO PARA CHAPA
 BRIDE POUR TOLE
 BÜGEL FÜR BLECH



B 084.106.104G

INTERMEDIATE CLIP
 GRAFFETTA INTERMEDIA
 GRAPA INTERMEDIA
 AGRAFE INTERMÉDIAIRE
 MITTELKLAMMER



C 084.106.103-30G

END CLIP
 GRAFFETTA D'ESTREMITÀ
 GRAPA DE EXTREMO
 AGRAFE D'EXTREMITE
 ENDKLAMMER



D 084.311.015

ARTICULATED JOINT
 GIUNTO SNODATO
 EMPALME ARTICULADO
 JOINT ARTICULÉ
 VERBINDER MIT GELENK



E 084.106.116

BRACKET FOR ROOFS
 STAFFA PER TETTI
 ESTRIBO PARA CUBIERTAS
 BRIDE POUR TOITS
 BÜGEL FÜR DÄCHER



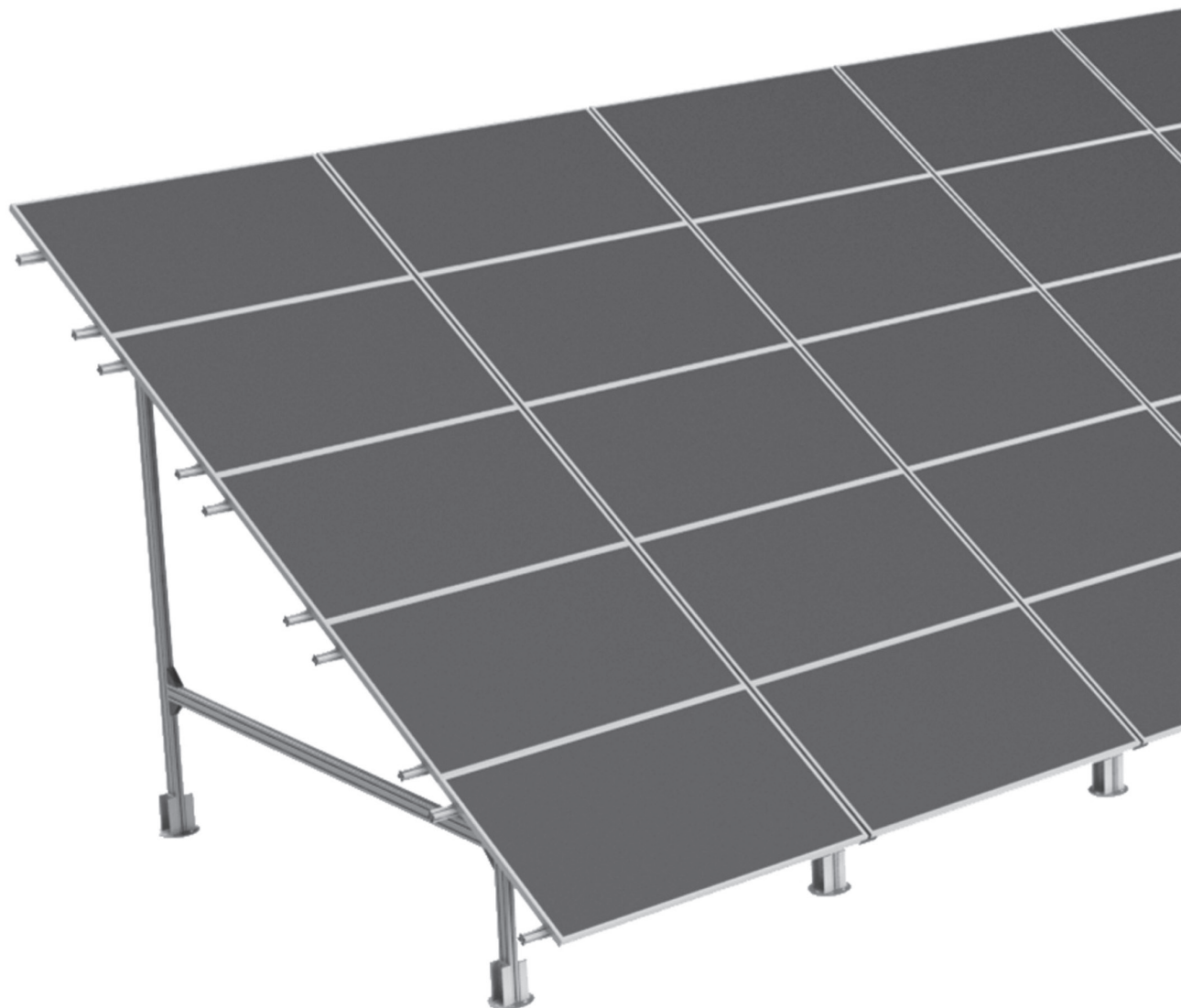
EXAMPLE OF TRIANGLES ASSEMBLY WITHOUT PILLARS

ESEMPIO DI IMPIANTO SPECIALE SU GEOPALI

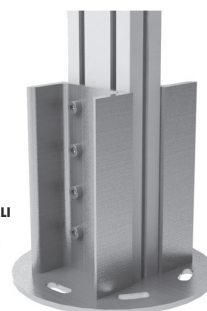
EJEMPLO DE INSTALACION FOTOVOLTAICA CON TORNILLOS DE TIERRA

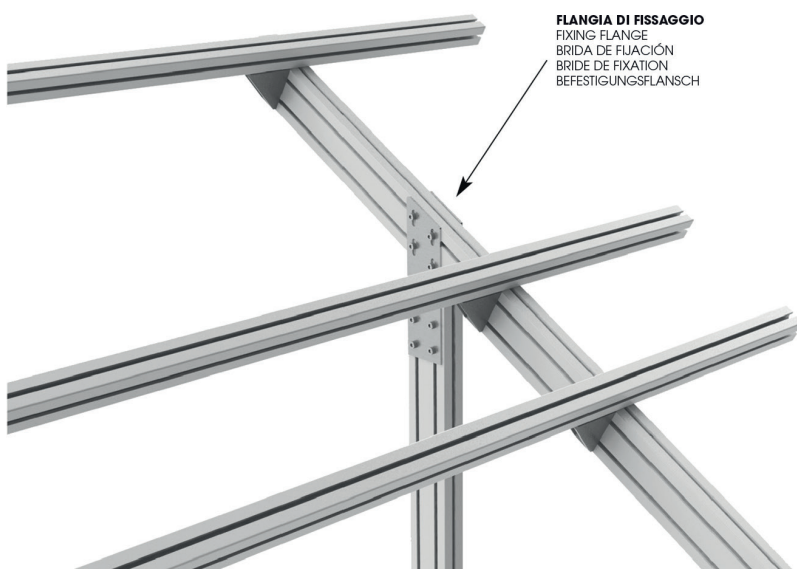
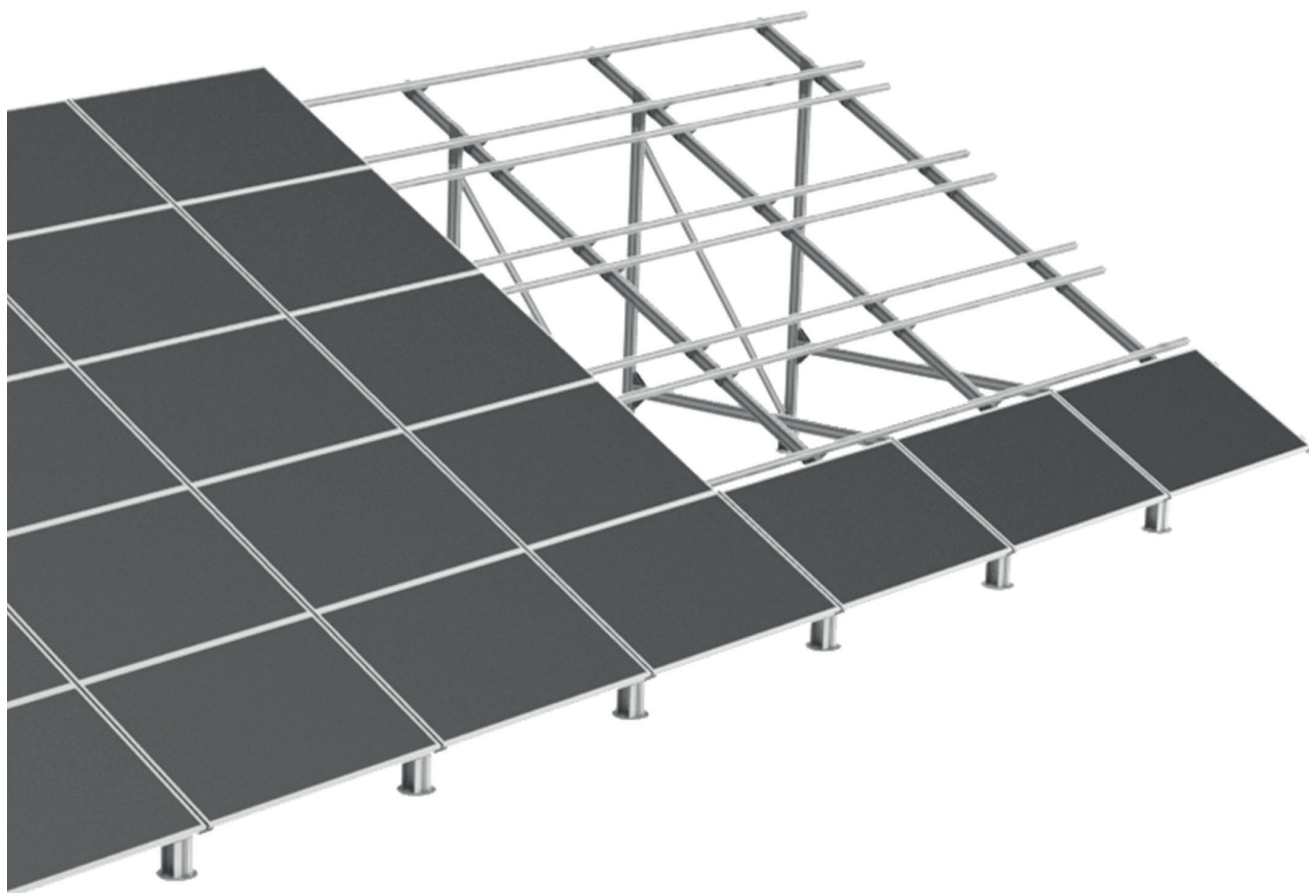
EXEMPLE DE SYSTÈME PHOTOVOLTAIQUE AVEC VIS AU SOL

BEISPIEL VON FOTOVOLTAIKANLAGE MIT BODENSCHRAUBEN



BASE DI FISSAGGIO PER GEOPALI
BASE FOR EARTH SCREWS
BASE PARA TORNILLOS DE TIERRA
BASE POUR VIS AU SOL
BASIS FÜR BODENSCHRAUBEN







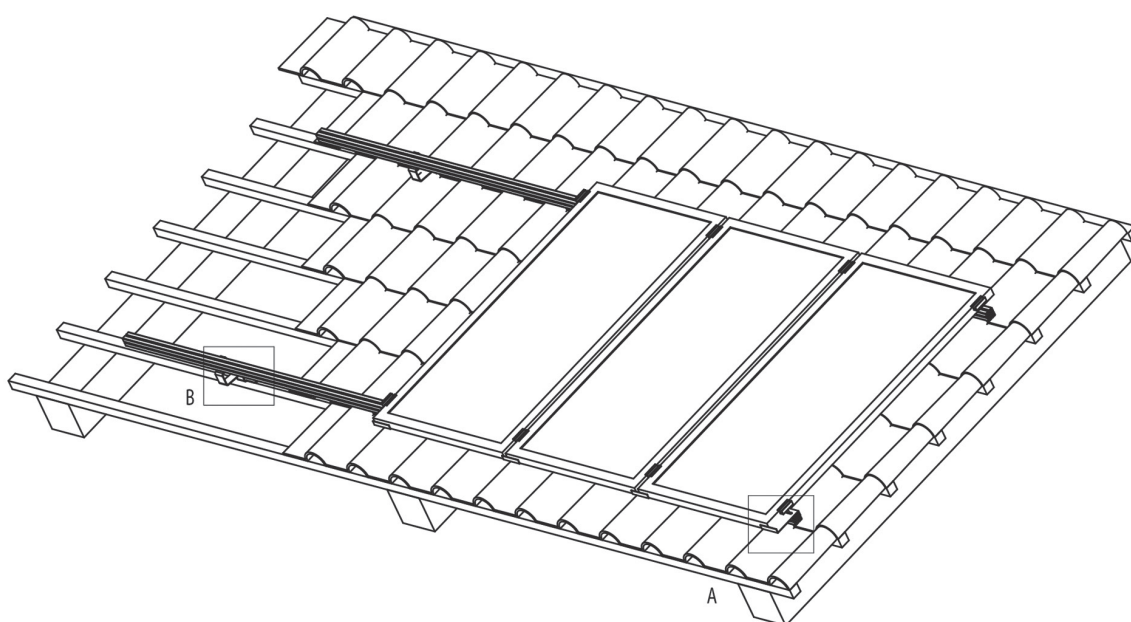
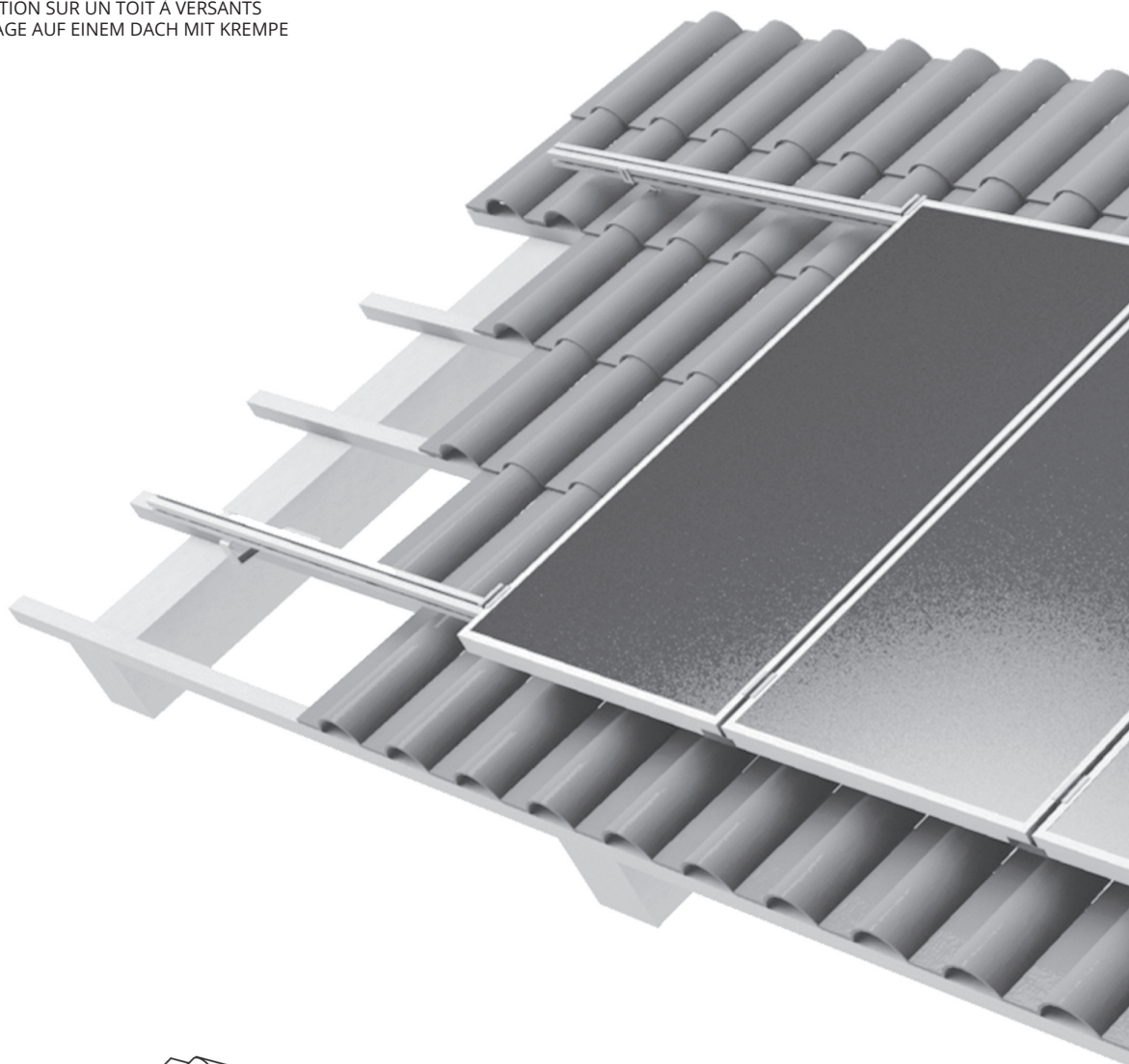
EXAMPLE OF INSTALLATION ON A PITCHED ROOF

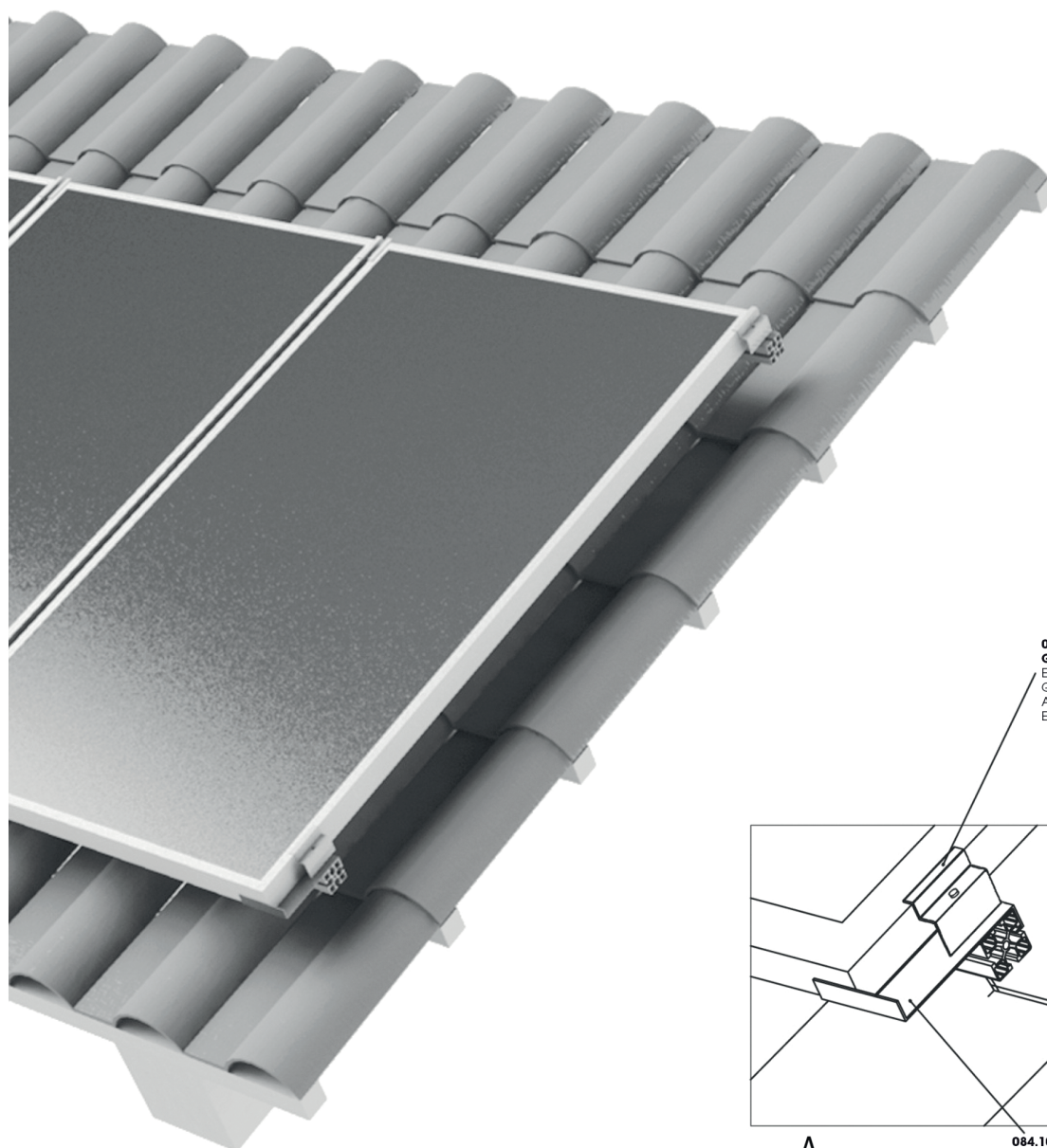
ESEMPI DI INSTALLAZIONE SU TETTO A FALDE

EJEMPLO DE INSTALACION EN UN TECHUMBRE A AGUAS

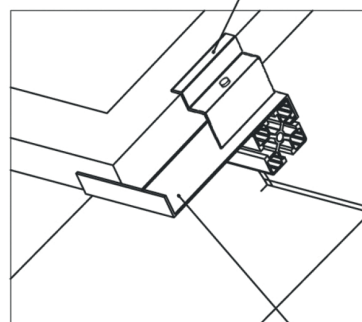
EXAMPLE D'INSTALLATION SUR UN TOIT À VERSANTS

BEISPIEL VON MONTAGE AUF EINEM DACH MIT KREMPE





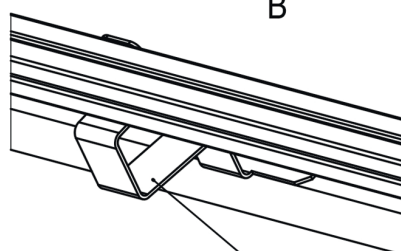
084.106.103 G
GRAFFETTA D'ESTREMITA'
 END CLIP
 GRAPA DE EXTREMO
 AGRAFE D'EXTREMITÉ
 ENDKLAMMER



A

084.106.107
SUPPORTO FERMA PANNELLI
 PANEL STOP SUPPORT
 SOPORTE DE RETENCIÓN PARA PANELES
 SUPPORT DE PANNEAUX
 HALTERUNG PLATTENSTOPPER

B



084.106.115
STAFFA PER TETTI A FALDA
 CLAMP FOR ROOFS
 ESTRIBO PARA CUBIERTAS
 BRIDE POUR TOITS
 BÜGEL FÜR DÄCHER