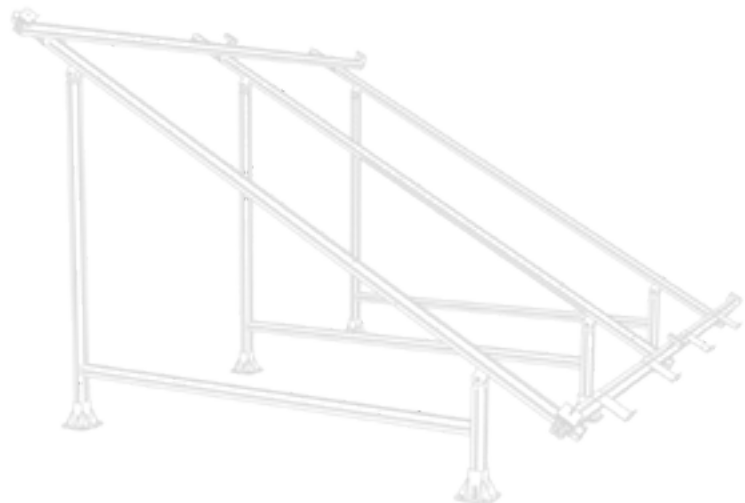




MOUNTING STRUCTURES FOR SOLAR PANELS

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



PV LINE



 **Alusic**

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.



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



Patented product
 Prodotto brevettato
 Producto patentado
 Produit breveté
 Patentiertes Produkt



New product
 Prodotto nuovo
 Nuevo producto
 Nouveau produit
 Neues Produkt



ALUSIC STRUCTURAL PROFILES

PROFILI STRUTTURALI ALUSIC / PERFILES ESTRUCTURALES ALUSIC / PROFILÉS STRUCTURELS ALUSIC / KONSTRUKTIONSPROFILE ALUSIC

EN All profiles in the Alusic catalogue are extruded from EN-AW 6060 (Al Mg Si 0.5) primary aluminium alloy, or on request from EN-AW 6063 primary aluminium alloy. The aluminium used is supplied as T5/T6 temper (cooled from hot working/solution heat treated and artificially aged). The bars are normally supplied with a 12 µm anodising treatment (on request, most profiles can also be supplied as mill finish). The tolerances applied when extruding the profiles follow EN 12020-2.

IT Tutti i profili del catalogo Alusic sono realizzati per estrusione di lega di alluminio primario EN-AW 6060 (Al Mg Si 0.5) o a richiesta in lega di alluminio primario EN-AW 6063. Lo stato metallurgico di fornitura è T5/T6 (solubilizzato, temprato e invecchiato artificialmente). Le barre sono normalmente fornite anodizzate con profondità di trattamento in classe 12 µm (a richiesta la maggior parte dei profili può essere fornita grezza). Le tolleranze generali seguite per l'estrusione dei profili seguono la norma UNI-EN 12020-2.

ES Todos los perfiles del catálogo Alusic están fabricados mediante extrusión de aleación de aluminio primario EN-AW 6060 (Al-Mg-Si 0.5) o, bajo solicitud, en aleación de aluminio primario EN-AW 6063. El estado metalúrgico en que se suministran es T5/T6 (solubilizado, templado y envejecido artificialmente). Las barras normalmente se suministran anodizadas, con una profundidad de tratamiento de 12 µm (bajo solicitud, la mayor parte de los perfiles puede suministrarse en bruto). Las tolerancias generales conseguidas mediante la extrusión de los perfiles son acordes a la norma UNI-EN 12020-2.

FR Tous les profilés du catalogue Alusic sont réalisés par extrusion à partir d'alliage d'aluminium primaire EN-AW 6060 (Al Mg Si 0.5) ou sur demande en alliage d'aluminium primaire EN-AW 6063. L'état métallurgique de fourniture est l'état T5/T6 (solubilisé, trempé et vieilli artificiellement). Les barres sont fournies anodisées avec une profondeur de traitement en classe 12 µm (sur demande, la plupart des profilés peuvent être fournis bruts). Les tolérances générales appliquées à l'extrusion des profilés respectent la norme UNI-EN 12020-2.

DE Alle Profile des Alusic-Katalogs werden mittels Strangpressen aus der Primäraluminiumlegierung EN-AW 6060 (Al Mg Si 0,5) oder auf Anfrage aus der Primäraluminiumlegierung EN-AW 6063 hergestellt. Der metallurgische Lieferzustand ist T5/T6 (Lösungsgeglüht, abgeschreckt aus der Warmumformungstemperatur und warmausgehärtet). Normalerweise werden die Stangen dem Eloxalverfahren unterzogen und haben eine 12 µm dicke Schutzschicht (auf Anfrage sind die meisten der Profile auch ohne Eloxierung erhältlich). Für die Strangpressung der Profile wurden die allgemeinen Toleranzen der Norm UNI EN 12020-2 eingehalten.

CHEMICAL COMPOSITION OF ALLOYS

COMPOSIZIONE DELLE LEGHE / COMPOSICIÓN QUÍMICA DE LAS ALEACIONES

COMPOSITION CHIMIQUE DES ALLIAGES / CHEMISCHE ZUSAMMENSETZUNG DER LEGIERUNGEN

EN-AW	Cu	Fe	Mn	Mg	Si	Zn	Cr	Ti	Al
6060	0.10	0.1 - 0.3	0.10	0.35 - 0.6	0.3 - 0.6	0.15	0.05	0.10	dal 98% al 99%
6063	0.10	0.35	0.10	0.45 - 0.9	0.2 - 0.6	0.10	0.10	0.10	dal 97,5% al 98,5%

MECHANICAL PROPERTIES

CARATTERISTICHE MECCANICHE / CARACTERÍSTICAS MECÁNICAS

CARACTÉRISTIQUES MÉCANIQUES / MECHANISCHE EIGENSCHAFTEN

EN-AW	Rm (N/mm²)	Rp0,2 (N/mm²)	A (%)	HB
6060	190	150	8	70
6063	215	170	8	75

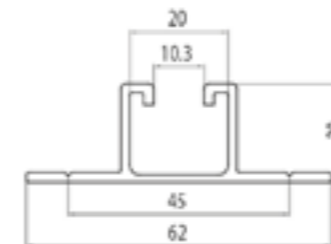
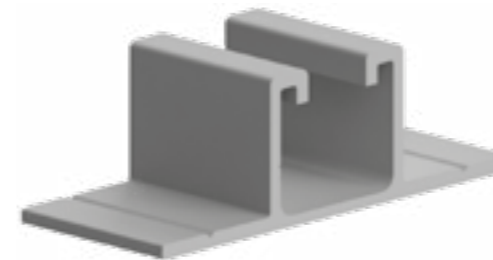
PHYSICAL PROPERTIES

CARATTERISTICHE FISICHE / CARACTERÍSTICAS FÍSICAS

CARACTÉRISTIQUES PHYSIQUES / PHYSIKALISCHE EIGENSCHAFTEN

E [N/mm²]	69000
ρ [Ω mm/m]	0.033
λ W/mK	210
Tm (C°)	615 - 655
α (K ⁻¹)	25X10 ⁻⁶

20x62



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.009	1,04	4,80	1,04	1,55	214	0,58
084.106.009G	1,04	4,80	1,04	1,55	214	0,58

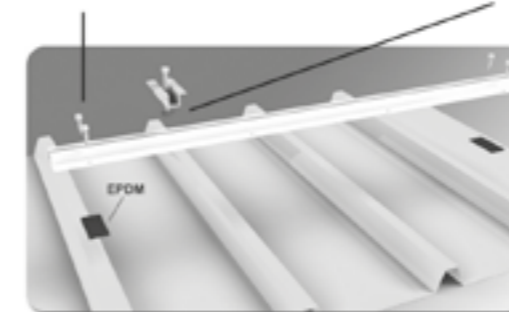
084.106.009 Anodised aluminium natural colour

084.106.009 Alluminio anodizzato colore naturale
084.106.009 Aluminio anodizado color natural
084.106.009 Aluminium anodisé couleur naturelle
084.106.009 Eloxiertes Aluminium Natürliche Farbe
L=6000 mm

084.106.009G Mill-finish aluminium

084.106.009G Alluminio grezzo
084.106.009G Aluminio bruto
084.106.009G Aluminium brut
084.106.009G Rohaluminium
L=6000 mm

Cod. 084.106.157 Cod. 084.302.029 - Hammer nut



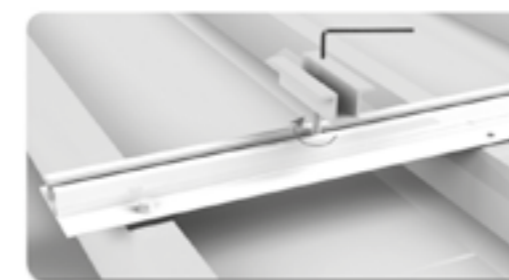
Profilo per installazione su tetti in lamiera grecata.
Soluzione rapida ed economica per l'installazione dei pannelli fotovoltaici sui tetti in lamiera.

Profile for installation on seam roofings.
Quick and cost-effective solution for the installation of solar panels on seam roofings.

Perfil para instalación en cubiertas metálicas.
Solución rápida y económica para la instalación de paneles fotovoltaicos en cubiertas metálicas.

Profilé pour l'installation sur les couvertures métalliques.
Solution rapide et économique pour l'installation des panneaux photovoltaïques sur les couvertures métalliques.

Profil zum Einbau auf Stehfalzeindeckungen.
Schnelle und kostengünstige Lösung für den Einbau von Solarpaneelen auf Stehfalzeindeckungen.

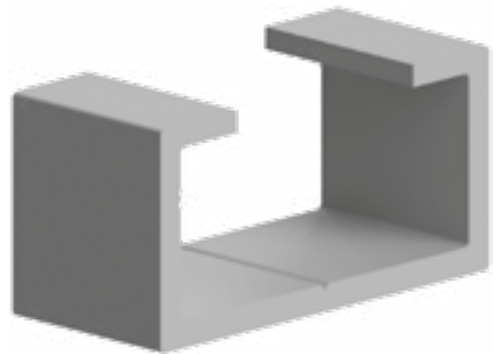




20x40



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.010	1,08	4,66	1,08	2,33	214	0,58
084.106.010G	1,08	4,66	1,08	2,33	214	0,58

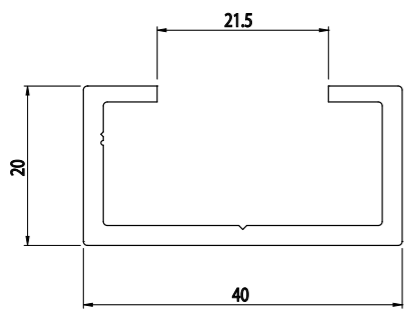


084.106.010 Anodised aluminium natural colour

084.106.010 Alluminio anodizzato colore naturale
 084.106.010 Aluminio anodizado color natural
 084.106.010 Aluminium anodisé couleur naturelle
 084.106.010 Eloxiertes Aluminium Natürliche Farbe
L=6000 mm

084.106.011G Mill-finish aluminium

084.106.011G Alluminio grezzo
 084.106.011G Aluminio bruto
 084.106.011G Aluminium brut
 084.106.011G Rohaluminium
L=6000 mm



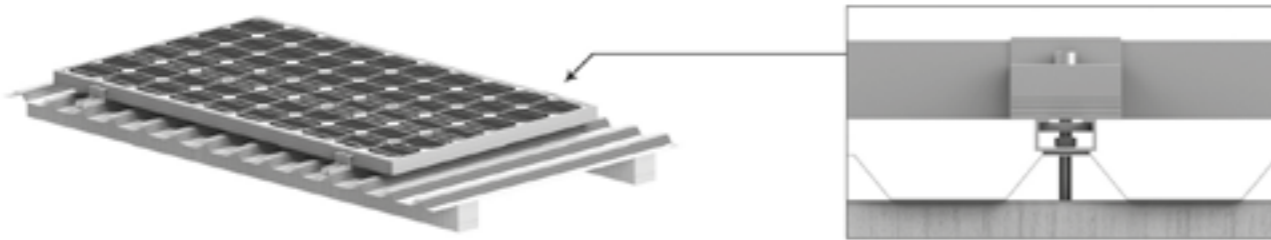
Fissaggio diretto su lamiera con rivetti bulb-tite

Direct fastening on sheet metal with bulb-tite rivets
 Fijación directa sobre cubierta metálica con remaches bulb-tite
 Fixation directe sur couverture métallique avec rivets bulb-tite
 Direkte Befestigung auf Stehfalzeindeckungen mit Bulb-tite Nieten



Fissaggio su sottostruttura in legno o ferro

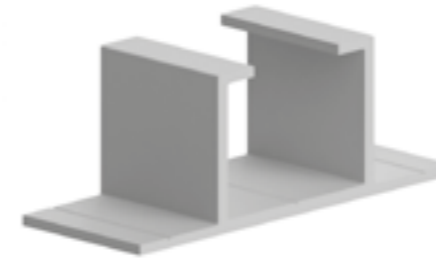
Fastening on wooden or iron substructure
 Fijación en subestructura de madera o hierro
 Fixation sur sous-structure en bois ou en fer
 Befestigung auf Unterbau aus Holz oder Eisen



30x80



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.013	3,78	14,14	4	3,53	344	0,93
084.106.013G	3,78	14,14	4	3,53	344	0,93

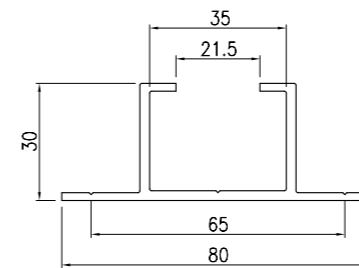


084.106.013 Anodised aluminium natural colour

084.106.013 Alluminio anodizzato colore naturale
 084.106.013 Aluminio anodizado color natural
 084.106.013 Aluminium anodisé couleur naturelle
 084.106.013 Eloxiertes Aluminium Natürliche Farbe
L=6000 mm

084.106.013G Mill-finish aluminium

084.106.013G Alluminio grezzo
 084.106.013G Aluminio bruto
 084.106.013G Aluminium brut
 084.106.013G Rohaluminium
L=6000 mm



55x80

NEW

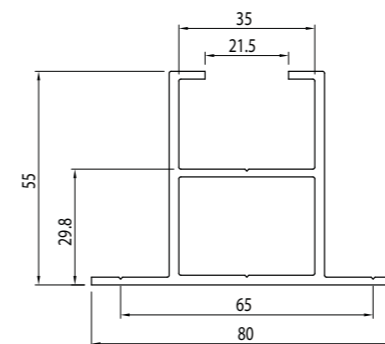


Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.014G	18,06	19,27	1,81	4,82	539	1,46



084.106.014G Mill-finish aluminium

084.106.014G Alluminio grezzo
 084.106.014G Aluminio bruto
 084.106.014G Aluminium brut
 084.106.014G Rohaluminium
L=6000 mm

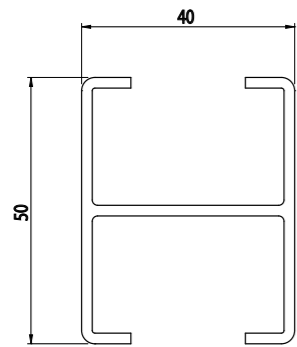




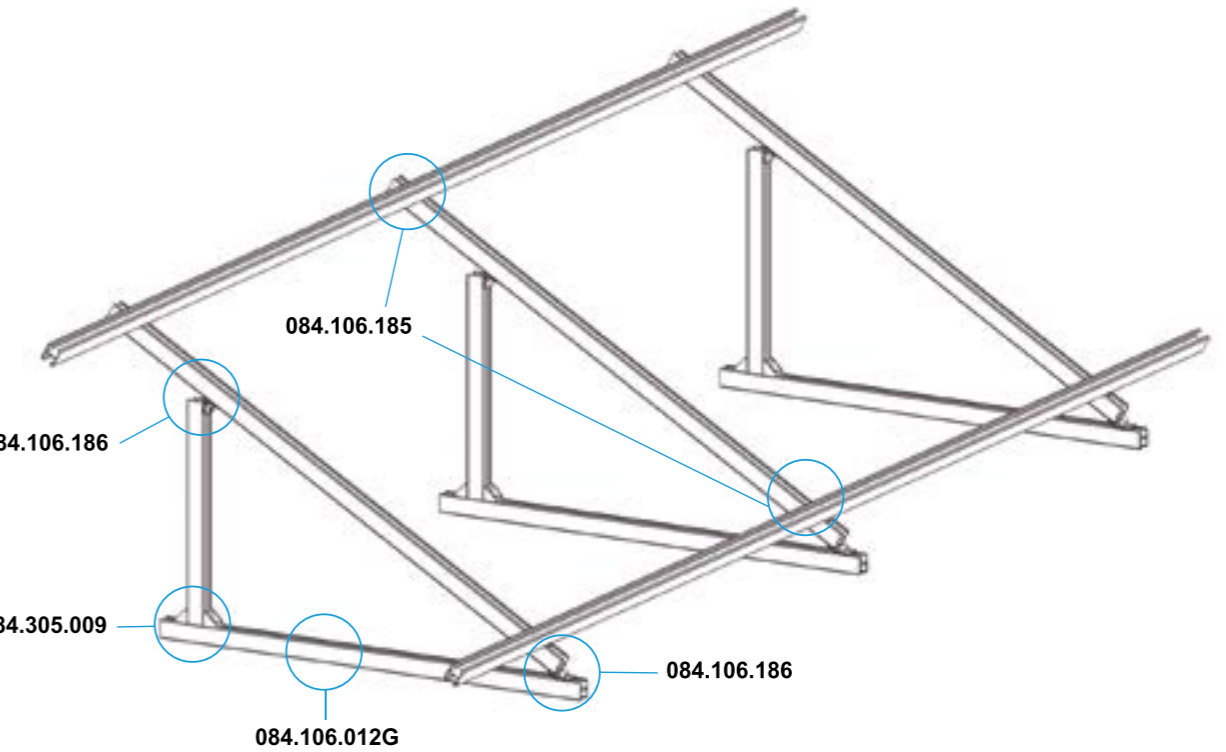
50x40



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.012G	7,20	9,06	2,90	4,50	325,70	0,88



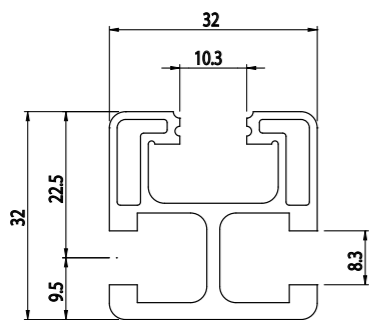
084.106.011G Mill-finish aluminium
 084.106.011G Alluminio grezzo
 084.106.011G Aluminio bruto
 084.106.011G Aluminium brut
 084.106.011G Rohaluminium
L=6000 mm



32x32



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.006	3,50	3,37	2,19	2,11	325	0,88
084.106.006G	3,50	3,37	2,19	2,11	325	0,88



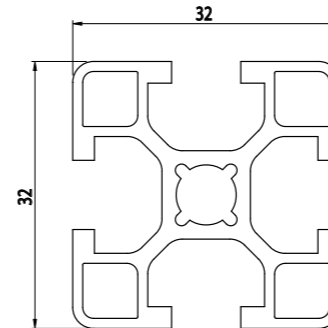
084.106.006 Anodised aluminium natural colour
 084.106.006 Alluminio anodizzato colore naturale
 084.106.006 Aluminio anodizado color natural
 084.106.006 Aluminium anodisé couleur naturelle
 084.106.006 Eloxiertes Aluminium Natürliche Farbe
L=6000 mm

084.106.006G Mill-finish aluminium
 084.106.006G Alluminio grezzo
 084.106.006G Aluminio bruto
 084.106.006G Aluminium brut
 084.106.006G Rohaluminium
L=6000 mm

32x32



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.101.030	3,23	3,23	2,02	2,02	339	0,87
084.101.030G	3,23	3,23	2,02	2,02	323	0,87



084.101.030 Anodised aluminium natural colour
 084.101.030 Alluminio anodizzato colore naturale
 084.101.030 Aluminio anodizado color natural
 084.101.030 Aluminium anodisé couleur naturelle
 084.101.030 Eloxiertes Aluminium Natürliche Farbe
L=6040 mm

084.101.030G Mill-finish aluminium
 084.101.030G Alluminio grezzo
 084.101.030G Aluminio bruto
 084.101.030G Aluminium brut
 084.101.030G Rohaluminium
L=6040 mm

Tappo - Cap - Tapon - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.201.029	PA	3	■
084.201.029G	PA	3	■

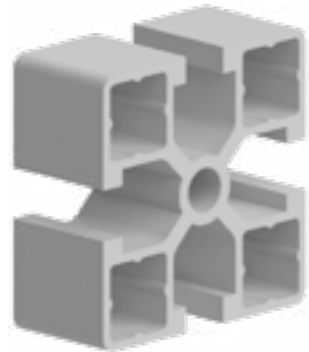




45x45

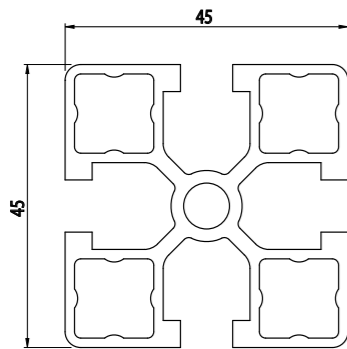


Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.101.014	11,04	11,04	4,90	4,90	567	1,53



Anodised aluminium
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

Natural colour
Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



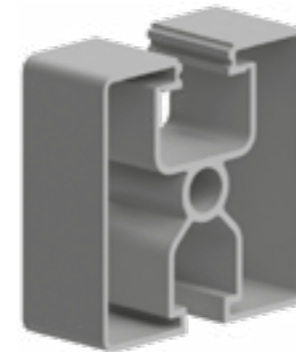
Tappo - Cap - Tapòn - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.201.012	PA	7	■
084.201.012G	PA	7	■



45x45

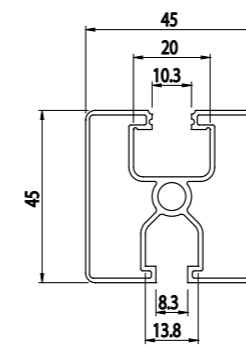


Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.101.047	7,32	6,49	3,25	2,88	330	0,92
084.101.047G	7,32	6,49	3,25	2,88	330	0,92



084.101.047 Anodised aluminium natural colour
084.101.047 Alluminio anodizzato colore naturale
084.101.047 Aluminio anodizado color natural
084.101.047 Aluminium anodisé couleur naturelle
084.101.047 Eloxiertes Aluminium Natürliche Farbe
L=6040 mm

084.101.047G Mill-finish aluminium
084.101.047G Alluminio grezzo
084.101.047G Aluminio bruto
084.101.047G Aluminium brut
084.101.047G Rohaluminium
L=6040 mm

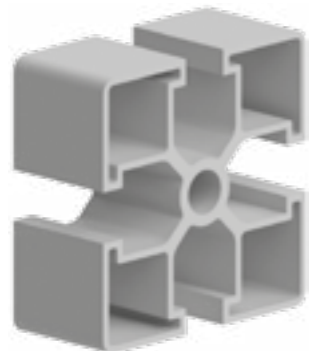


Tappo - Cap - Tapòn - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.201.012	PA	7	■
084.201.012G	PA	7	■

45x45

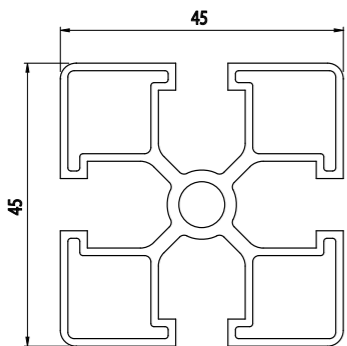


Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.101.042	8,09	8,09	3,59	3,59	430	1,25
084.101.042G	8,09	8,09	3,59	3,59	430	1,25



084.101.042 Anodised aluminium natural colour
084.101.042 Alluminio anodizzato colore naturale
084.101.042 Aluminio anodizado color natural
084.101.042 Aluminium anodisé couleur naturelle
084.101.042 Eloxiertes Aluminium Natürliche Farbe
L=6040 mm

084.101.042G Mill-finish aluminium
084.101.042G Alluminio grezzo
084.101.042G Aluminio bruto
084.101.042G Aluminium brut
084.101.042G Rohaluminium
L=6040 mm

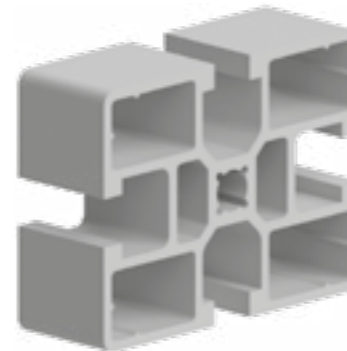


Tappo - Cap - Tapòn - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.201.012	PA	7	■
084.201.012G	PA	7	■

45x60

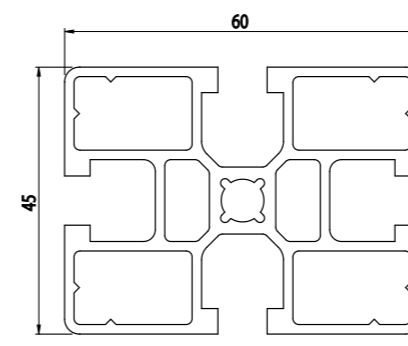


Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.101.041	25,43	14,99	8,48	6,66	750	2,04
084.101.041G	25,43	14,99	8,48	6,66	750	2,04



084.101.041 Anodised aluminium natural colour
084.101.041 Alluminio anodizzato colore naturale
084.101.041 Aluminio anodizado color natural
084.101.041 Aluminium anodisé couleur naturelle
084.101.041 Eloxiertes Aluminium Natürliche Farbe
L=6040 mm

084.101.041G Mill-finish aluminium
084.101.041G Alluminio grezzo
084.101.041G Aluminio bruto
084.101.041G Aluminium brut
084.101.041G Rohaluminium
L=6040 mm



Tappo - Cap - Tapòn - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.201.018	PA	9	■
084.201.018G	PA	9	■



45x90



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.101.029	73,39	20,21	16,31	8,99	922	2,49
084.101.029G	74,14	21,39	16,47	9,50	922	2,49

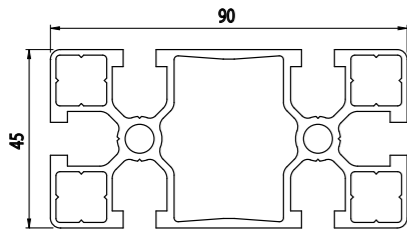


084.101.029 Anodised aluminium natural colour

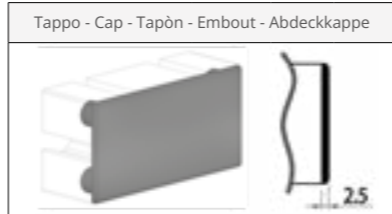
084.101.029 Alluminio anodizzato colore naturale
 084.101.029 Aluminio anodizado color natural
 084.101.029 Aluminium anodisé couleur naturelle
 084.101.029 Eloxiertes Aluminium Natürliche Farbe
L=6040 mm

084.101.029G Mill-finish aluminium

084.101.029G Alluminio grezzo
 084.101.029G Aluminio bruto
 084.101.029G Aluminium brut
 084.101.029G Rohaluminium
L=6040 mm



Tappo - Cap - Tapön - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.201.019	PA	12	■
084.201.019G	PA	12	■



PANEL SUPPORT PROFILE
 PROFILO APPOGGIO PANNELLI
 PERFIL DE APOYO PARA PANELES
 PROFILÉ D'APPUJ PANNEAUX
 STÜTZPROFIL FÜR PLATTEN

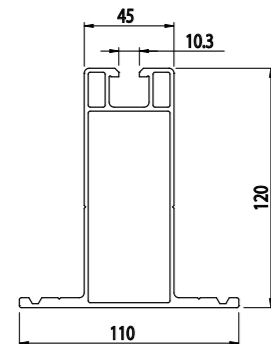


Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.804	236,20	72,00	33,70	12,90	1113	3,00



Mill-finish aluminium

Alluminio grezzo
 Aluminio bruto
 Aluminium brut
 Rohaluminium
L=6040mm

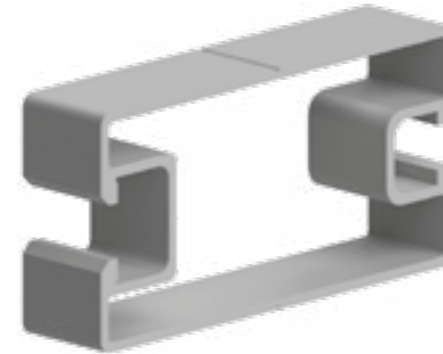


PROFILE FOR TRIANGULAR CROSSBAR

PROFILO PER TRAVERSA TRIANGOLO
 PERFIL PARA TRAVIESA TRIÁNGULO
 PROFILÉ POUR TRAVERSE TRIANGLE
 PROFIL FÜR DREIECKSQUERSTÜCK

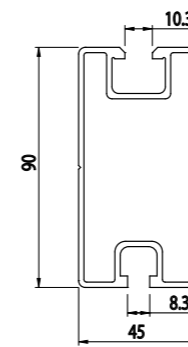


Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.802	74,40	20,20	16,20	9,00	709	1,92



Mill-finish aluminium

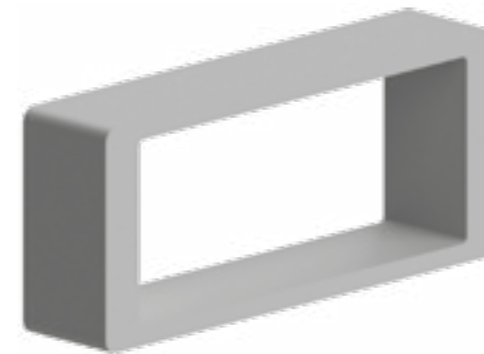
Alluminio grezzo
 Aluminio bruto
 Aluminium brut
 Rohaluminium
L=6040mm



HEAVY JOINT PROFILE

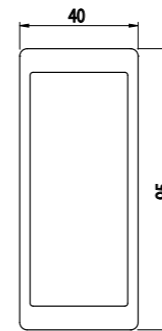
PROFILO GIUNZIONE PESANTE
 PERFIL ACOPLAMIENTO PESADO
 PROFILÉ JONCTION LOURDE
 PROFIL FÜR SCHWERE VERBINDUNG

Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.106.803	149,20	26,90	31,40	13,50	1189	3,20



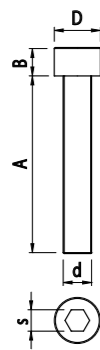
Mill-finish aluminium

Alluminio grezzo
 Aluminio bruto
 Aluminium brut
 Rohaluminium
L=6040mm





CAP SCREWS
VITI CILINDRICHE
TORNILLOS DE CABEZA CILÍNDRICA
VIS À TÊTE CYLINDRIQUE
ZYLINDERKOPFSCHRAUBEN



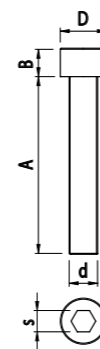
Cod	Note	d	A	D	B	s	g
084.301.002	M8x16	M8	16	13	5	5	8
084.301.003	M8x20	M8	20	13	5	5	10
084.301.004	M8x25	M8	25	13	5	5	12
084.301.005	M8x40	M8	40	13	5	5	18
084.301.006	M8x50	M8	50	13	5	5	20
084.301.007	M8x60	M8	60	13	5	5	24

Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl



CAP SCREWS
VITI CILINDRICHE
TORNILLOS DE CABEZA CILÍNDRICA
VIS À TÊTE CYLINDRIQUE
ZYLINDERKOPFSCHRAUBEN

STAINLESS STEEL



Cod	Note	d	A	D	B	s	g
084.301.032	M8x12	M8	12	13	8	6	8
084.301.029	M8x16	M8	16	13	8	6	11
084.301.025	M8x20	M8	20	13	8	6	13
084.301.033	M8x25	M8	25	13	8	6	15
084.301.031	M8x30	M8	30	13	8	6	16
084.301.026	M8x35	M8	35	13	8	6	17
084.301.027	M8x40	M8	40	13	8	6	20
084.301.030	M8x45	M8	45	13	8	6	21
084.301.028	M8x50	M8	50	13	8	6	22

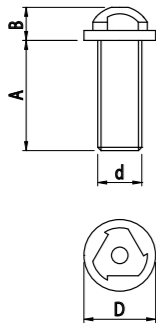
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



ANTI-THEFT SCREWS
VITI ANTIFURTO
TORNILLOS ANTIRROBO
VIS ANTIVOL
DIEBSTAHLHEMMENDE SCHRAUBEN

STAINLESS STEEL

Cod	Note	d	A	D	B	g
084.301.501	M8x20	M8	20	13	5	13
084.301.502	M8x25	M8	25	13	5	15
084.301.503	M8x30	M8	30	13	5	16
084.301.504	M8x35	M8	35	13	5	18
084.301.505	M8x40	M8	40	13	5	20
084.301.506	M8x45	M8	45	13	5	22
084.301.507	M8x50	M8	50	13	5	24
084.301.500	Tightening wrench Chiave di serraggio Llave de apriete Clé de serrage Spannschlüssel					62



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl

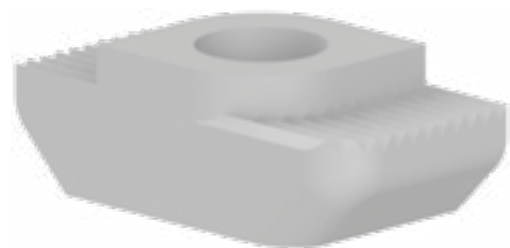


Profile / Profilo / Perfil / Profilé / Profil	084.311.001	084.305.016	084.409.002 084.409.003 084.106.166	084.305.002 084.305.003 084.305.004 084.305.005	084.106.105 084.106.106	084.106.112	084.106.113 084.106.114 084.106.115 084.106.129 084.106.136 084.106.145-80 084.106.142 084.106.116 084.106.178	084.106.144 084.106.145 084.106.167	084.106.169	084.106.138 084.106.139	084.106.121	084.106.122 084.106.123 084.106.124 084.106.125 084.106.133 084.106.134
084.101.030 (32x32)	-	084.301.032 (MBX12) + washer 902.18x24/A2	-	084.301.029 (MBX16)	084.301.029 (MBX16) + wa- sher 902.18x24/ A2	084.301.029 (MBX16)	084.301.032 (MBX12) + washer 6592/A2	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16) + washer 902.18x24/A2	084.301.029 (MBX16) + washer 902.18x24/A2	084.301.029 (MBX16) + washer 902.18x24/A2
084.106.006 (32x32)	-	084.301.029 (MBX16) + washer 902.18x24/A2	-	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	-	-	-	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)
084.101.014 (45x45)	-	084.301.029 (MBX16) + washer 902.18x24/A2	-	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	-	-	-	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)
084.101.042 (45x45 SLIM)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 902.18x24/A2	084.301.025 (MBX20)	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 6592/A2	084.301.029 (MBX16) + washer 6592/A2	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)
084.101.047 (45x45 ULTRA SLIM)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 902.18x24/A2	084.301.025 (MBX20)	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 6592/A2	084.301.029 (MBX16) + washer 6592/A2	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)
084.106.011 (45x45 SLIM 10)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 902.18x24/A2	-	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 6592/A2	084.301.029 (MBX16) + washer 6592/A2	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)
084.101.041 (45x60)	084.301.029 (MBX16)	084.301.029 (MBX16) + washer 902.18x24/A2	-	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 6592/A2	084.301.029 (MBX16) + washer 6592/A2	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)
084.106.802 (45x90)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 902.18x24/A2	084.301.025 (MBX20)	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 6592/A2	084.301.029 (MBX16) + washer 6592/A2	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)
084.101.029 (45x90)	084.301.025 (MBX20)	084.301.032 (MBX12) + washer 902.18x24/A2	084.301.025 (MBX20)	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.025 (MBX20)	084.301.029 (MBX16) + washer 6592/A2	084.301.029 (MBX16) + washer 6592/A2	084.301.025 (MBX20)	084.301.029 (MBX16)	084.301.029 (MBX16)	084.301.029 (MBX16)

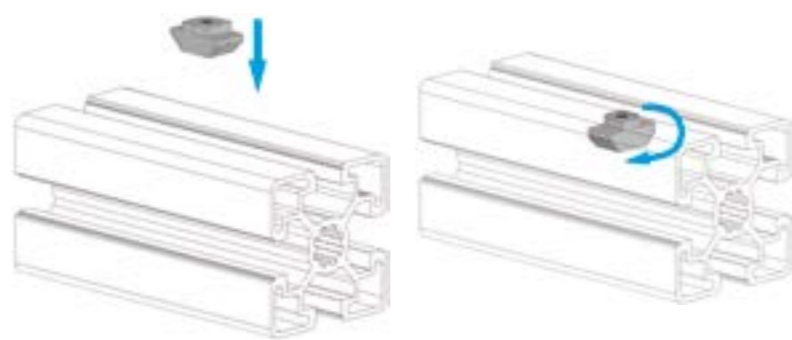
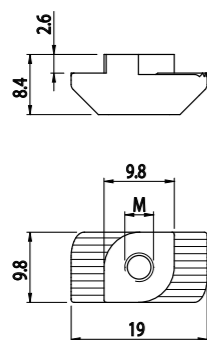


T-NUT
DADO A MARTELLO
TUERCA EN T
ÉCROU À TÊTE MARTEAU
HAMMERMUTTER

Cod	Note	g
084.302.028	M8	1



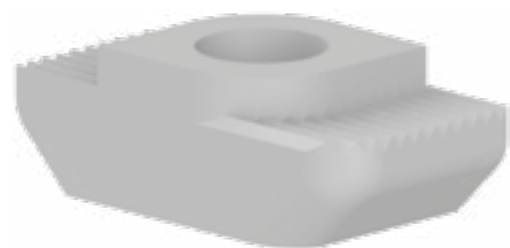
Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl



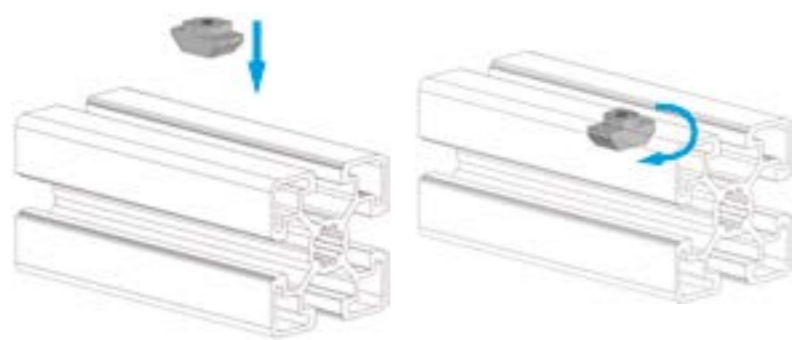
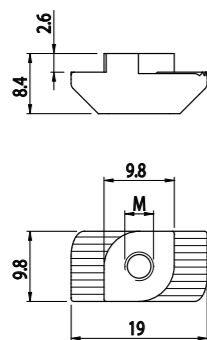
T-NUT
DADO A MARTELLO
TUERCA EN T
ÉCROU À TÊTE MARTEAU
HAMMERMUTTER

STAINLESS STEEL

Cod	Note	g
084.302.029	M8	1



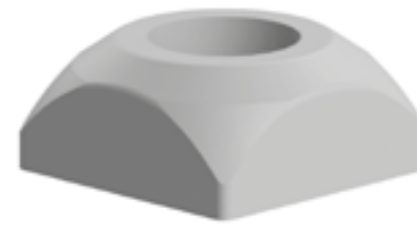
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



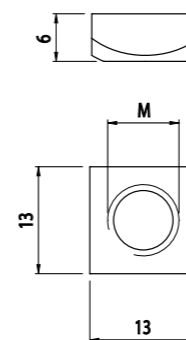
SQUARE NUT
DADO QUADRO
TUERCA CUADRADA
ÉCROU CARRÉ
VIERKANTMUTTER

AC 8/45 AC 8/40

Cod	Note	g
084.302.004	M8	3



Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl

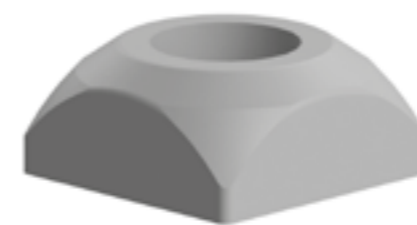


SQUARE NUT
DADO QUADRO
TUERCA CUADRADA
ÉCROU CARRÉ
VIERKANTMUTTER

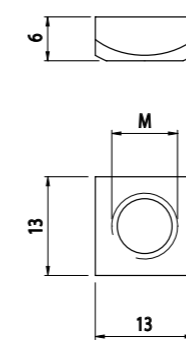
STAINLESS STEEL

AC 8/45 AC 8/40

Cod	Note	g
084.302.037	M8	3



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl

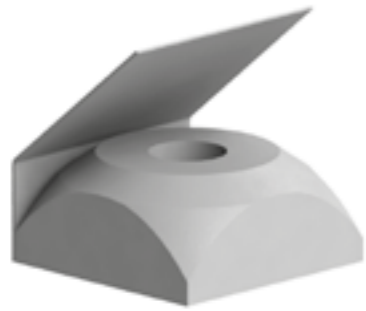




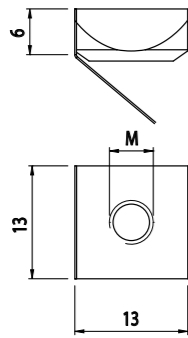
SQUARE NUT WITH SPRING
DADO QUADRO CON MOLLA
TUERCA CUADRADA CON RESORTE
ÉCROU CARRÉ AVEC RESSORT
VIERKANTMUTTER MIT FEDER



Cod	Note	g
084.302.009	M8	4



Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl

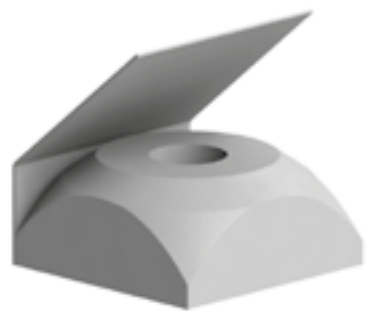


SQUARE NUT WITH SPRING
DADO QUADRO CON MOLLA
TUERCA CUADRADA CON RESORTE
ÉCROU CARRÉ AVEC RESSORT
VIERKANTMUTTER MIT FEDER

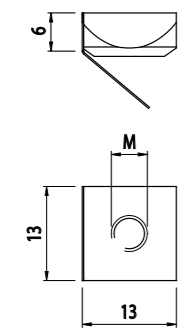
STAINLESS STEEL



Cod	Note	g
084.302.038	M8	4



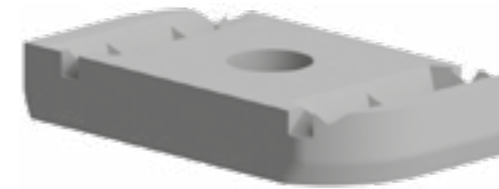
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



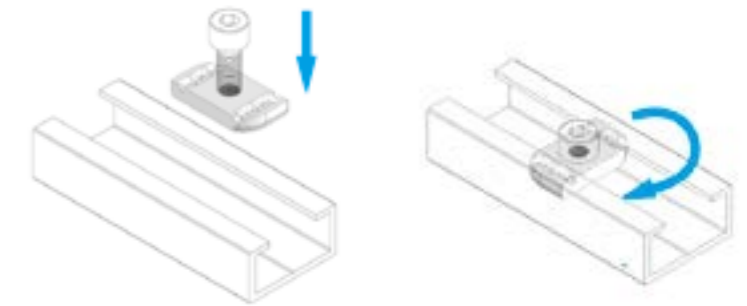
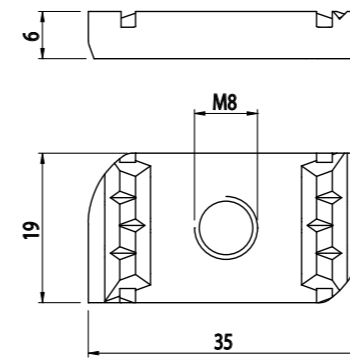
SQUARE NUT WITH SPRING
DADO QUADRO CON MOLLA
TUERCA CUADRADA CON RESORTE
ÉCROU CARRÉ AVEC RESSORT
VIERKANTMUTTER MIT FEDER



Cod	Note	g
084.302.039	M8	25



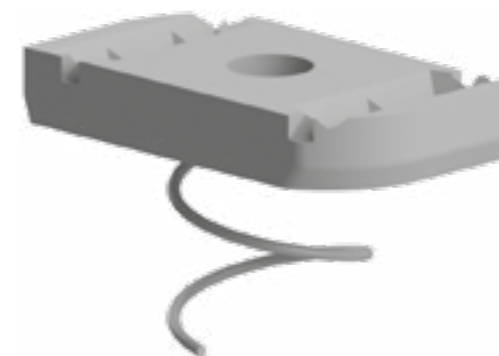
Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl



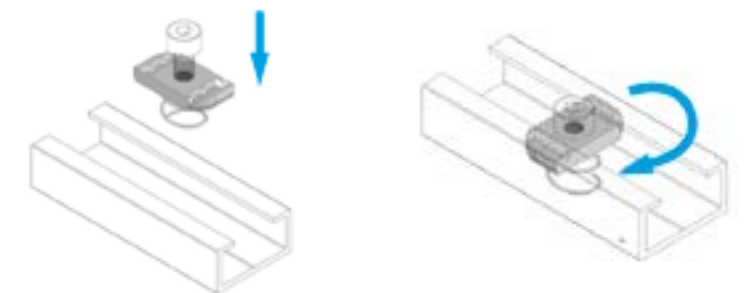
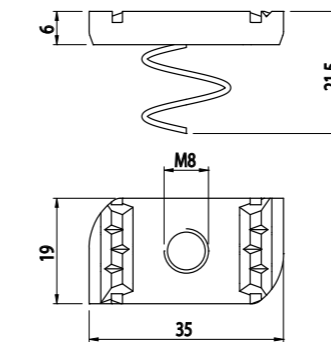
SQUARE NUT WITH SPRING
DADO QUADRO CON MOLLA
TUERCA CUADRADA CON RESORTE
ÉCROU CARRÉ AVEC RESSORT
VIERKANTMUTTER MIT FEDER



Cod	Note	g
084.302.040	M8	25



Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl



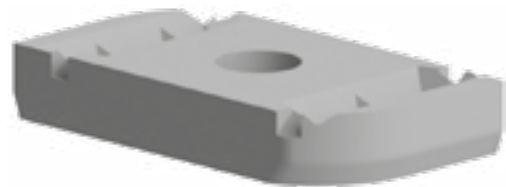


SQUARE NUT WITH SPRING
DADO QUADRO CON MOLLA
TUERCA CUADRADA CON RESORTE
ÉCROU CARRÉ AVEC RESSORT
VIERKANTMUTTER MIT FEDER

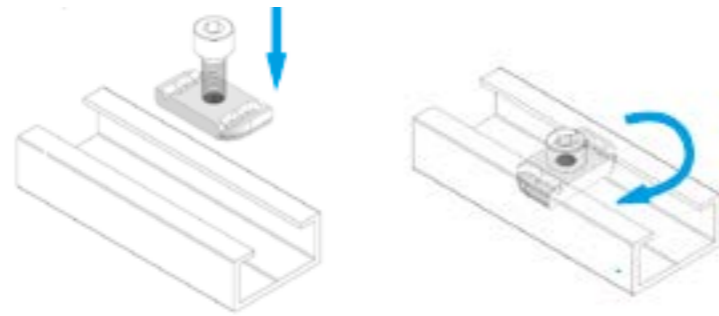
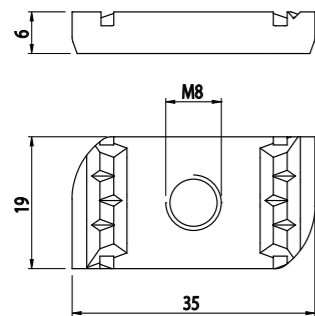
STAINLESS STEEL



Cod	Note	g
084.302.041	M8	25



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



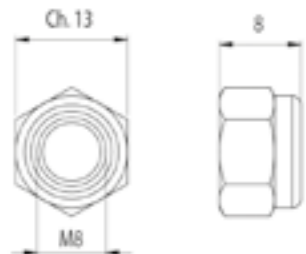
SELF LOCKING NUT
DADO AUTOBLOCCANTE
TUERCA AUTOBLOCANTE
ÉCROU AUTOBLOQUANT
SELBSTSICHERNDE MUTTER

STAINLESS STEEL

Cod	Note	g
08UNI7474/A2	M8	4



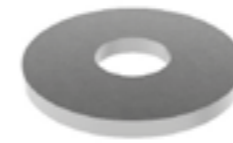
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



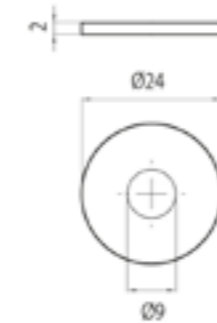
FLAT WASHER
GREMBIALINA
ARANDELA PLANA
TABLIER
UNTERLEGSCHIEBE

STAINLESS STEEL

Cod	Note	g
0824UNI6593/A2	8x24	6



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



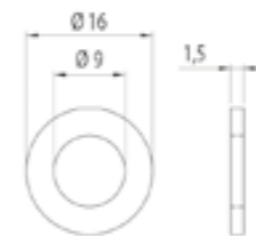
WASHER
RONDELLA
ARANDELA
RONDELLE
SCHEIBE

STAINLESS STEEL

Cod	Note	g
08UNI6592/A2	8x16	1



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl





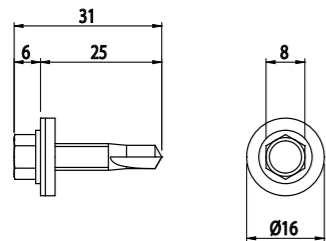
DRILLING SCREW
VITE AUTOFORANTE
TORNILLO AUTOPERFORANTE
VIS AUTOPERCEUSE
BOHRSCHRAUBE

STAINLESS STEEL

Cod	Note	g
084.106.137	Complete with rubber flat washer - Completa di grembialina in gomma - Incluye arandela plana de goma - Avec tablier en caoutchouc - Einschließlich Unterlegscheibe aus Gummi	6



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



RIVET
RIVETTO
REMACHE
RIVET
NIET



Cod	Note	g
084.106.157	Watertight - A tenuta stagna - Estanco - Étanche - Dicht	2

Aluminium
Alluminio
Aluminio
Aluminium
Aluminium

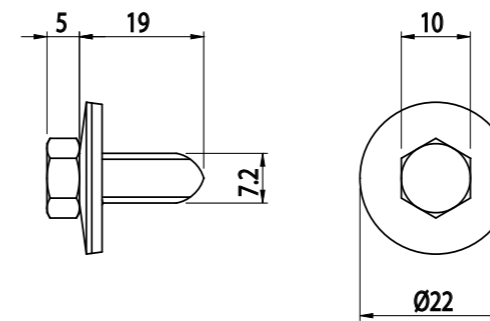
REPAIR SCREW
VITE DI RIPARAZIONE
TORNILLO DE REPARACIÓN
VIS DE RÉPARATION
REPARATURSCHRAUBE

STAINLESS STEEL

Cod	Note	g
084.106.164	To seal unwanted holes - Per la sigillatura di forature errate - Para el sellado de perforaciones erróneas - Pour colmater des perçages mal effectués - Zur Versiegelung falscher Bohrungen	6



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



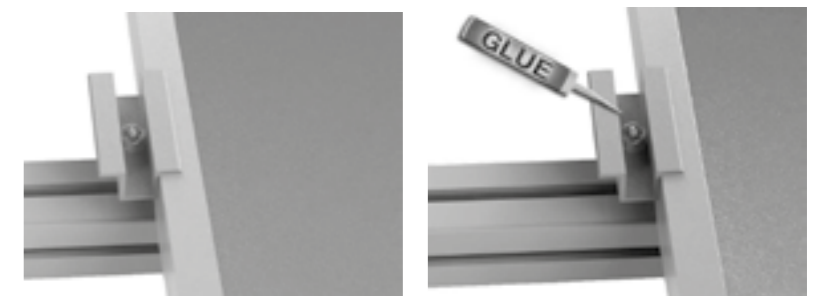
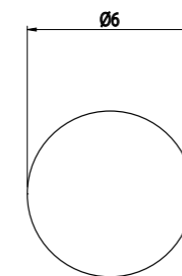
BALL
SFERA
BOLA
SPHÈRE
KUGEL

STAINLESS STEEL

Cod	Note	g
084.106.131	Used as a deterrent against panel theft - Utilizzata come deterrente per il furto dei pannelli - Utilizada como medida disuasoria contra el robo de los paneles - Utilisée pour prévenir le vol des panneaux - Als Abschreckungsmittel gegen den Diebstahl der Platten verwendet	1



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



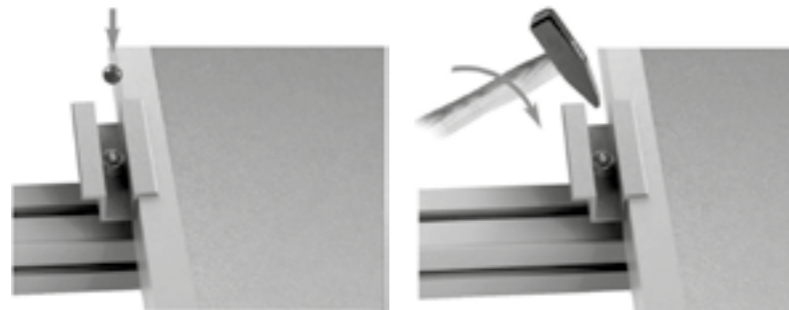
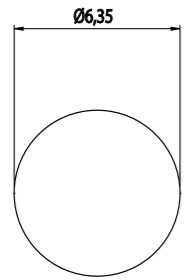
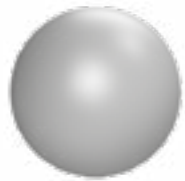


BALL ROLLER
SFERA AD INCASTRO
BOLA PARA ENCASTRAR
SPHÈRE À ENCASTREMENT
STECKKUGEL

STAINLESS STEEL

Cod	Note	g
084.106.160	Used as a deterrent against panel theft - Utilizzata come deterrente per il furto dei pannelli - Utilizada como medida disuasoria contra el robo de los paneles - Utilisée pour prévenir le vol des panneaux - Als Abschreckungsmittel gegen den Diebstahl der Platten verwendet	1

Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl

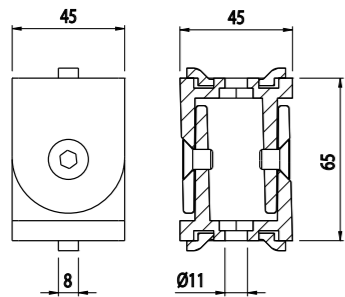


SWIVEL JOINT, 45X45
GIUNTO SNODATO 45X45
ARTICULACIÓN GRADUABLE 45x45
ARTICULATION 45x45
GELENK 45x45

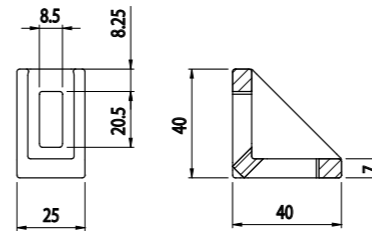
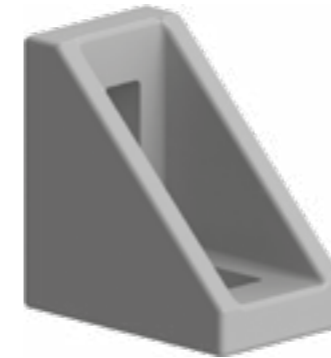


Cod	Note	g
084.311.015	With orientable anti-rotation system - Con sistema antirotazione orientabile - Con sistema antirrotación orientable - Avec système anti-rotation orientable - Mit verstellbarer Verdrehsicherung	210

Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium

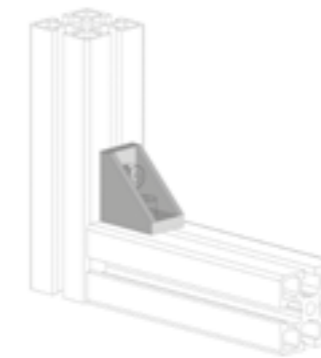


25X40 BRACKET
ANGOLARE 25X40
ESCUADRA 25X40
EQUERRE 25X40
ALUWINKEL 25X40



Cod	Note	g
084.305.002	Assembly with M8x20 screws, not included - Montaggio con viti M8x20 non incluse - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	30

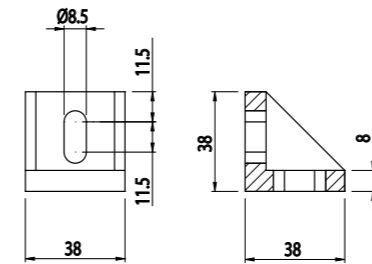
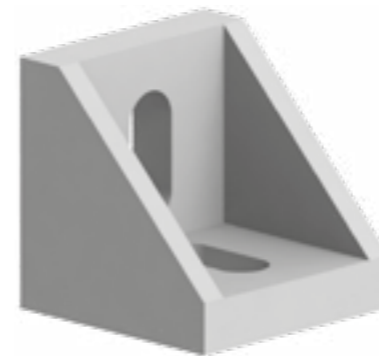
Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



Cap - Tappo - Tapòn - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.206.002	PA	4	■
084.206.002G	PA	4	■



38X38 BRACKET
ANGOLARE 38X38
ESCUADRA 38X38
EQUERRE 38X38
ALUWINKEL 38X38



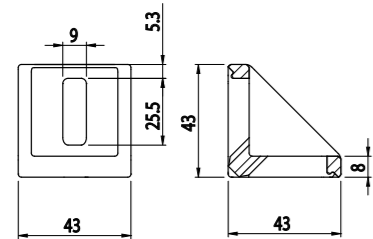
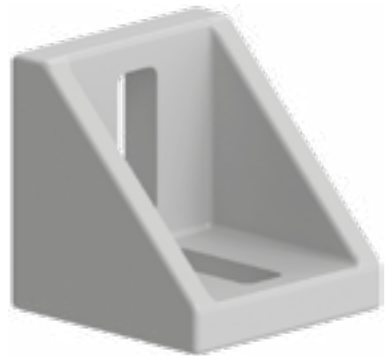
Cod	Note	g
084.305.009	Assembly with M8x20 screws, not included - Montaggio con viti M8x20 non incluse - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	50

Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium






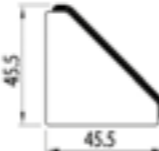
43X43 BRACKET
ANGOLARE 43X43
ESCUADRA 43X43
EQUERRE 43X43
ALUWINKEL 43X43



Cod	Note	g
084.305.003	Assembly with M8x20 screws, not included - Montaggio con viti M8x20 non incluse - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	60

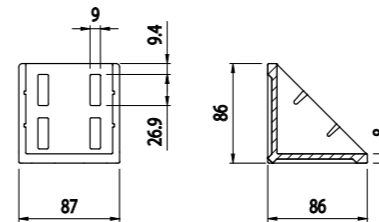
Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



Cap - Tappo - Tapòn - Embout - Abdeckkappe			
			
Cod	Mat	g	Col
084.206.003	PA	7	■
084.206.003G	PA	7	■




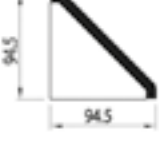
86X86 BRACKET
ANGOLARE 86X86
ESCUADRA 86X86
EQUERRE 86X86
ALUWINKEL 86X86



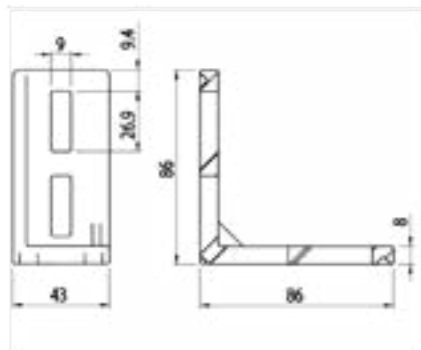
Cod	Note	g
084.305.034	Assembly with M8x20 screws, not included - Montaggio con viti M8x20 non incluse - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	350

Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



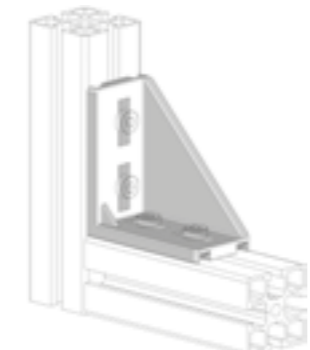
Cap - Tappo - Tapòn - Embout - Abdeckkappe			
			
Cod	Mat	g	Col
084.206.006	PA	30	■


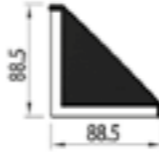
43X86 BRACKET
ANGOLARE 43X86
ESCUADRA 43X86
EQUERRE 43X86
ALUWINKEL 43X86



Cod	Note	g
084.305.033	Assembly with M8x20 screws, not included - Montaggio con viti M8x20 non incluse - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	160

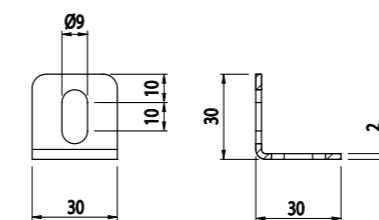
Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



Cap - Tappo - Tapòn - Embout - Abdeckkappe			
			
Cod	Mat	g	Col
084.206.005	PA	34	■

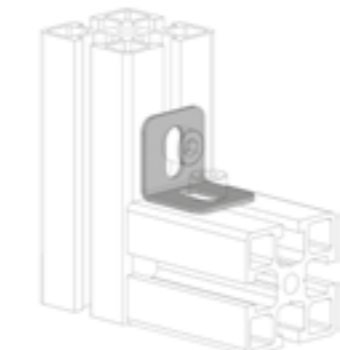
30X30 BRACKET
ANGOLARE 30X30
ESCUADRA 30X30
EQUERRE 30X30
ALUWINKEL 30X30

STAINLESS STEEL



Cod	Note	g
084.305.016	Assembly with M8x16 screws, not included - Montaggio con viti M8x16 non incluse - Montaje con tornillos M8x16, no incluidos - Montage avec vis M8x16 non fournies - Montage mit Schrauben M8x16 (nicht im Lieferumfang enthalten)	23

Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



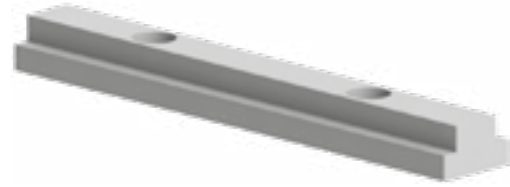


90 mm PROFILE CONNECTOR

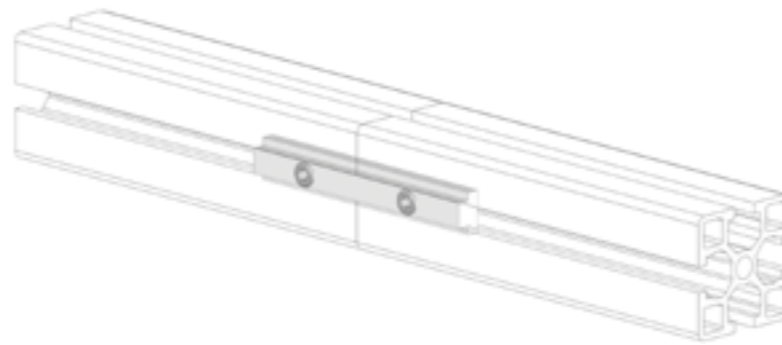
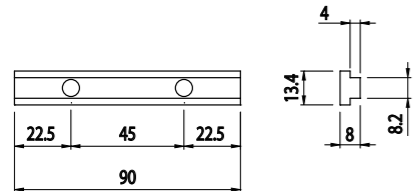
GIUNTO LINEARE 90mm
EMPALME LINEAL 90 mm
JOINT LINÉAIRE 90 mm
STRECKENVERBINDER 90 mm



Cod	Note	g
084.307.005	2 x M8x14 grub screws included - Completo di 2 grani M8x14 - 2 tornillos sin cabeza M8x14 incluidos - 2 vis sans tête M8x14 fournies - 2 Stifte M8x14 im Lieferumfang enthalten	60



Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl

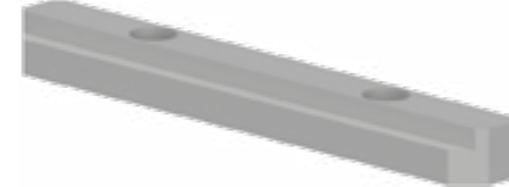


90 mm PROFILE CONNECTOR

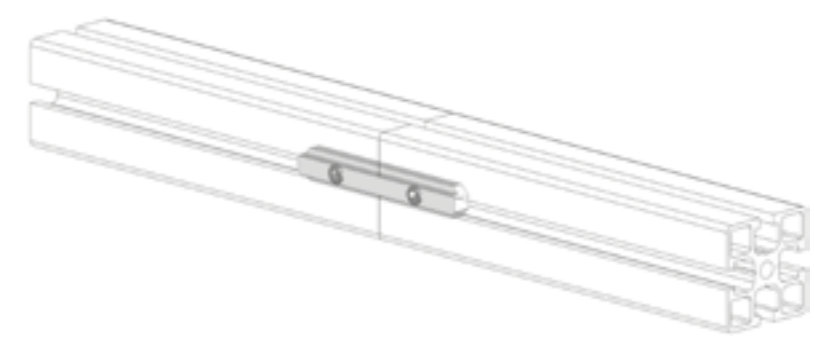
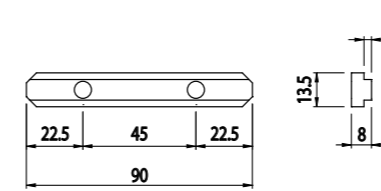
GIUNTO LINEARE 90mm
EMPALME LINEAL 90 mm
JOINT LINÉAIRE 90 mm
STRECKENVERBINDER 90 mm



Cod	Note	g
084.307.026	2 x M8x14 grub screws included - Completo di 2 grani M8x14 - 2 tornillos sin cabeza M8x14 incluidos - 2 vis sans tête M8x14 fournies - 2 Stifte M8x14 im Lieferumfang enthalten	58



Anodised aluminium
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



180 mm PROFILE CONNECTOR

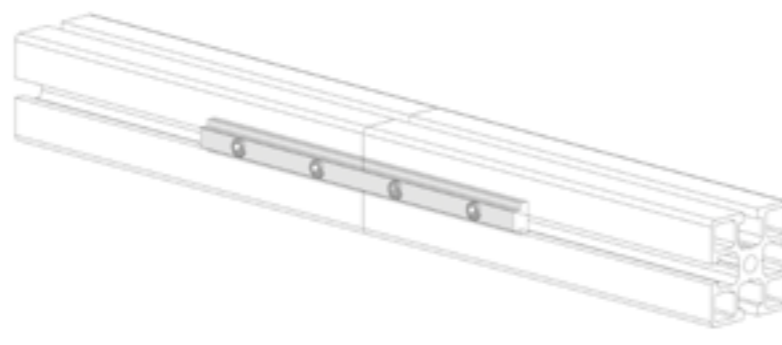
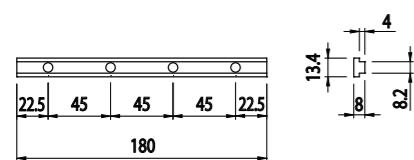
GIUNTO LINEARE 180mm
EMPALME LINEAL 180 mm
JOINT LINÉAIRE 180 mm
STRECKENVERBINDER 180 mm



Cod	Note	g
084.307.006	4 x M8x14 grub screws included - Completo di 4 grani M8x14 - 4 tornillos sin cabeza M8x14 incluidos - 4 vis sans tête M8x14 fournies - 4 Stifte M8x14 im Lieferumfang enthalten	124



Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl



180 mm PROFILE CONNECTOR

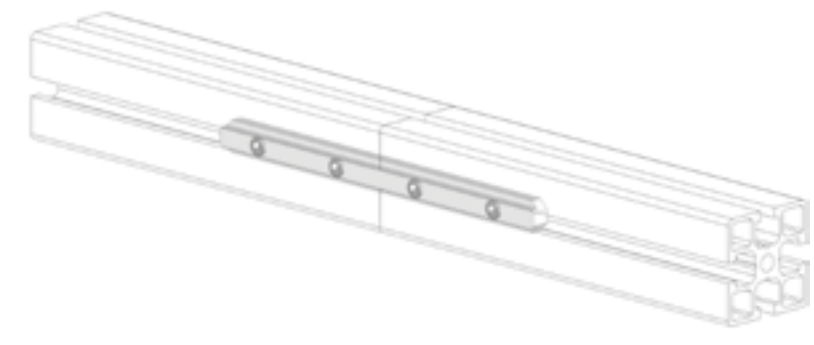
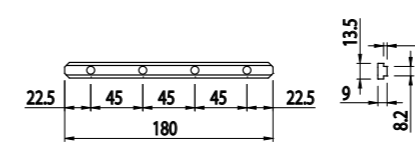
GIUNTO LINEARE 180mm
EMPALME LINEAL 180 mm
JOINT LINÉAIRE 180 mm
STRECKENVERBINDER 180 mm



Cod	Note	g
084.307.027	4 x M8x14 grub screws included - Completo di 4 grani M8x14 - 4 tornillos sin cabeza M8x14 incluidos - 4 vis sans tête M8x14 fournies - 4 Stifte M8x14 im Lieferumfang enthalten	60



Anodised aluminium
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium





90 mm PROFILE CONNECTOR

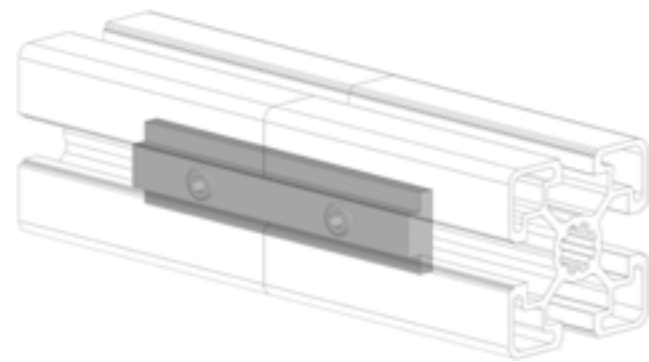
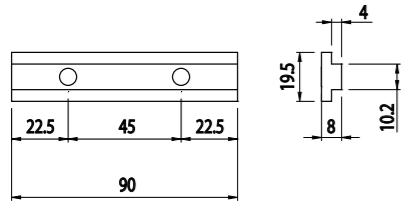
GIUNTO LINEARE 90 mm
EMPALME LINEAL 90 mm
JOINT LINÉAIRE 90 mm
STRECKENVERBINDER 90 mm



Cod	Note	g
084.307.024	Complete with 4 x M8 grub screws - Completo di 4 grani M8 - Incluye 4 tornillos sin cabeza M8 - Avec 4 pions M8 - Einschließlich 4 Stifte M8	80



Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl



180 mm PROFILE CONNECTOR

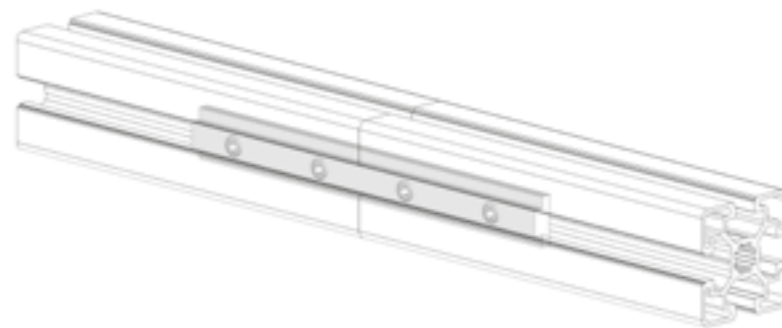
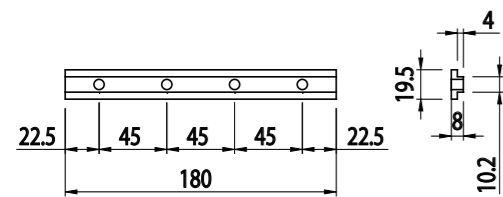
GIUNTO LINEARE 180 mm
EMPALME LINEAL 180 mm
JOINT LINÉAIRE 180 mm
STRECKENVERBINDER 180 mm



Cod	Note	g
084.307.025	Complete with 4 x M8 grub screws - Completo di 4 grani M8 - Incluye 4 tornillos sin cabeza M8 - Avec 4 pions M8 - Einschließlich 4 Stifte M8	160



Galvanised steel
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl

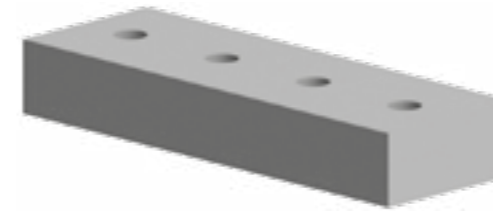


110 mm PROFILE CONNECTOR

GIUNTO LINEARE 110 mm
EMPALME LINEAL 110 mm
JOINT LINÉAIRE 110 mm
LINEARER VERBINDER 110 mm

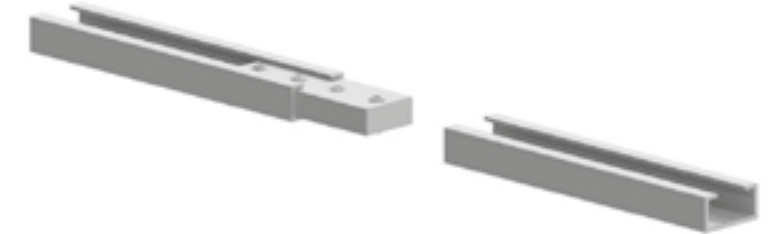
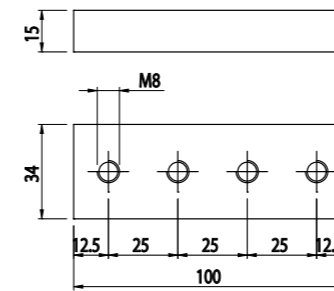


Cod	Note	g
084.307.035	Complete with 4 x M8x16 grub screws - Completo di 4 grani M8x16 - Incluye 4 tornillos sin cabeza M8x16 - Avec 4 pions M8x16 - Einschließlich 4 Stifte M8x16	150



Anodised aluminium
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium

Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl

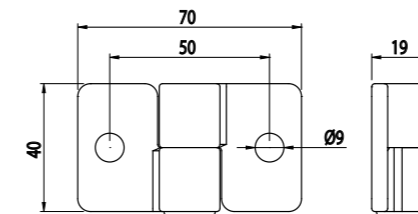


HINGE
CERNIERA
BISAGRA
CHARNIÈRE
SCHARNIER

Cod	Note	g
084.106.186	For 084.106.317 and 084.106.413 triangles - Per triangoli 084.106.317 e 084.106.413 - Para triángulos 084.106.317 y 084.106.413 - Pour triangles 084.106.317 et 084.106.413 - Für Dreiecke 084.106.317 und 084.106.413	80



Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium

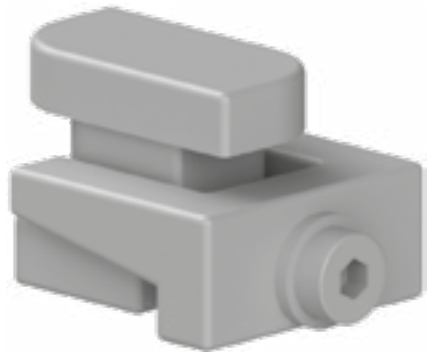




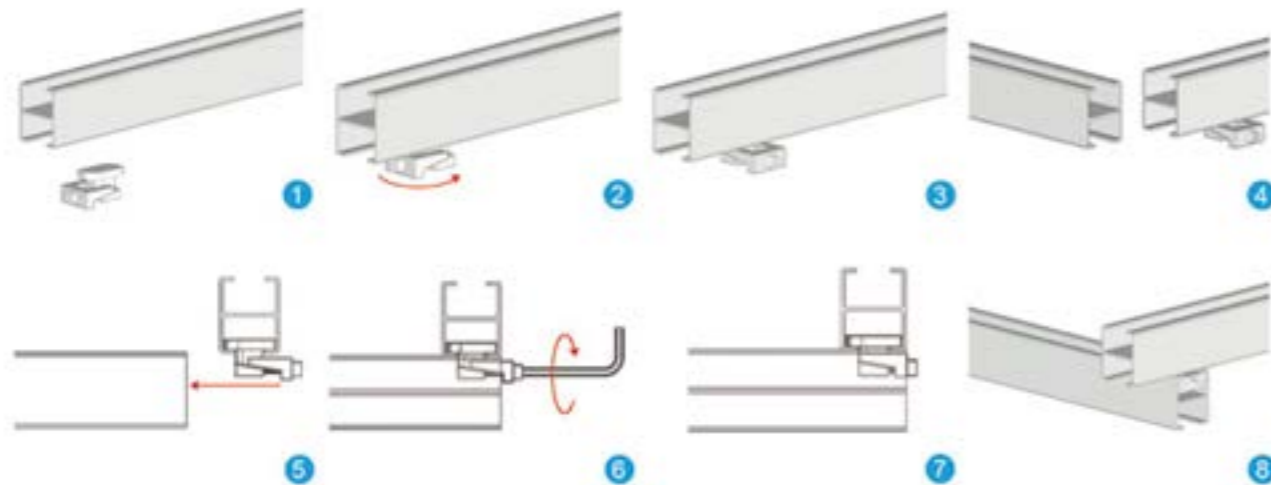
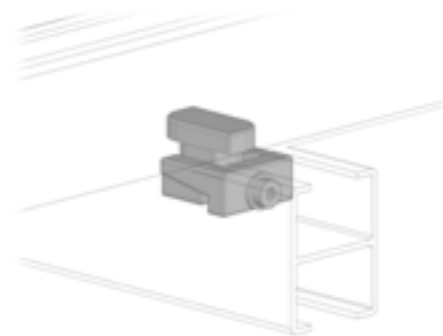
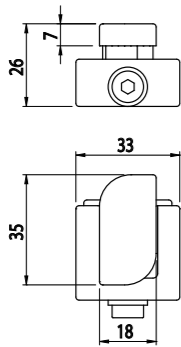
INTERNAL JOINT
GIUNTO INTERNO
EMPALME INTERNO
JOINT INTERNE
INNENSEITIGER VERBINDER



Cod	Note	g
084.106.185	For 084.106.010G and 084.106.012G profiles - Per profili 084.106.010G e 084.106.012G - Para perfiles 084.106.010G y 084.106.012G - Pour profils 084.106.010G et 084.106.012G - Für Profile 084.106.010G und 084.106.012G	80



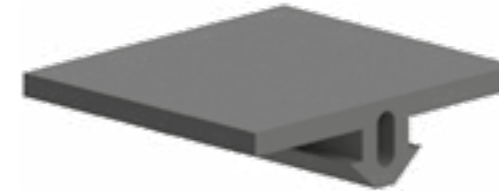
Sandblasted aluminium
Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



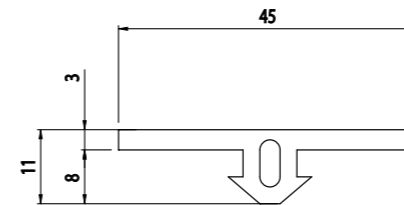
COVER PROFILE
APPOGGIAPIEDI
TAPA RANURA
PROFILÉ DE RECOUVREMENT
ABDECKPROFIL



Cod	Note	g/m
084.205.001	20 m rolls - rotoli 20 m - rollos de 20 m - rouleaux 20 m - Rollen 20 m	228
084.205.004	20 m ANTI UV rolls - rotoli 20 m ANTI UV - rollos de 20 m ANTI UV - rouleaux 20 m ANTI-UV - Rollen 20 m UV-SCHUTZ	228



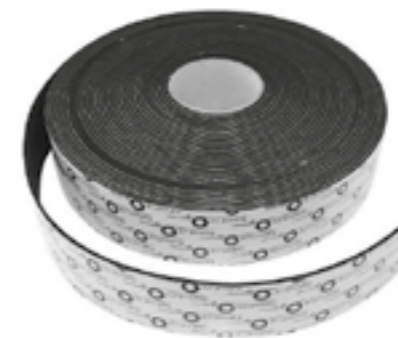
Soft black PVC
PVC morbido nero
PVC flexible color negro
PVC souple noir
Weich-PVC schwarz



EPDM PROFILE
PROFILO IN EPDM
PERFIL DE EPDM
PROFILÉ EN EPDM
PROFIL AUS EPDM



Cod	Note	g/m
084.106.151	33x3 mm	33
084.106.143	45x3 mm	45
084.106.135	60x3 mm	60



ANTI-UV expanded EPDM
EPDM espanso ANTI-UV
EPDM expandido ANTI-UV
EPDM expansé ANTI-UV
EPDM-Schaumstoff mit UV-Schutz

20 m roll
Rotolo 20 m
Rollo de 20 m
Rouleau 20 m
Rolle 20 m



DOUBLE-SIDED BUTYL TAPE
NASTRO BUTILICO BIADESIVO
CINTA DE BUTILO ADHESIVA DE DOBLE CARA
RUBAN BUTYLIQUE ADHÉSIF DOUBLE FACE
DOPPELSEITIG KLEBENDES BUTYLBAND



Cod	Note	g
084.106.119	Width 10 mm - Larghezza 10 mm - Anchura 10 mm - Largeur 10 mm - Breite 10 mm	300
084.106.120	Width 20 mm - Larghezza 20 mm - Anchura 20 mm - Largeur 20 mm - Breite 20 mm	600

To seal panels

Per sigillatura pannelli
Para el sellado de paneles
Pour isolation panneaux
Zur Plattenversiegelung
L=6040mm

15 m rolls

Rotoli da 15 m
Rollos de 15 m
Rouleaux de 15 m
Rollen zu 15 m



COVER PROFILE
CHIUDICAVA RIGIDO
TAPA-RANURA
PROFILÉ DE RECOUVREMENT
ABDECKPROFIL

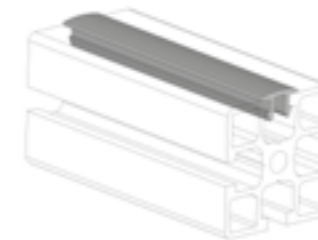
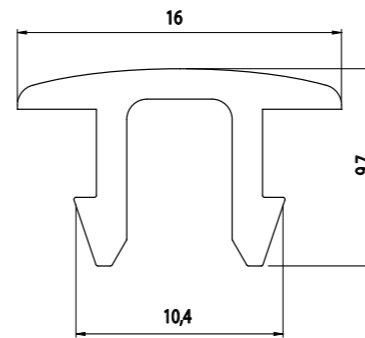


Cod	Note	g
084.106.163	Standard length 30 mm - lunghezza standard 30 mm - longitud estándar 30 mm - longueur standard 30 mm - Standardlänge 30 mm	30



ANTI-UV rigid grey PVC

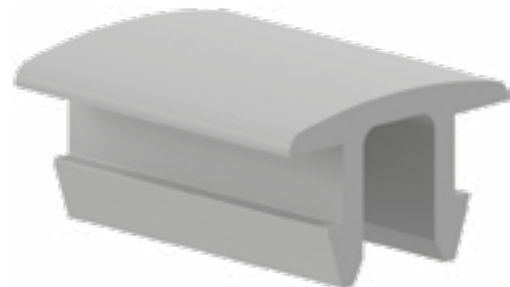
PVC rigido grigio ANTI-UV
PVC rigido color gris ANTI-UV
PVC rigide gris ANTI-UV
Hart-PVC grau mit UV-Schutz



COVER PROFILE
CHIUDICAVA RIGIDO
TAPA-RANURA
PROFILÉ DE RECOUVREMENT
ABDECKPROFIL



Cod	Note	g/m
084.203.014	L = 2000 mm	70

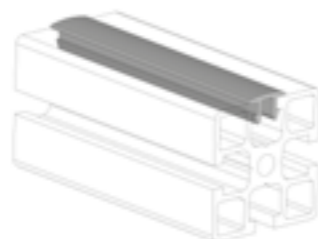
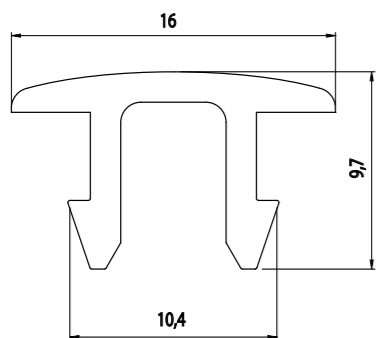


Rigid grey PVC

PVC rigido grigio
PVC rigido color gris
PVC rigide gris
Hart-PVC grau

Other colours on request

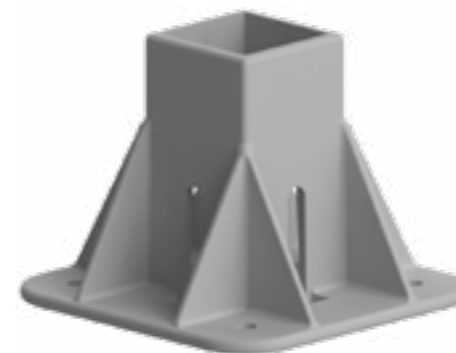
Altri colori a richiesta
Otros colores bajo solicitud
Autres couleurs sur demande
Weitere Farben auf Anfrage



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

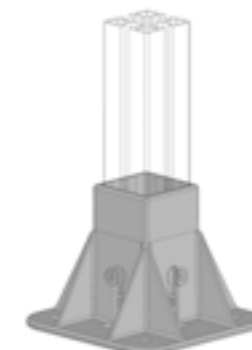
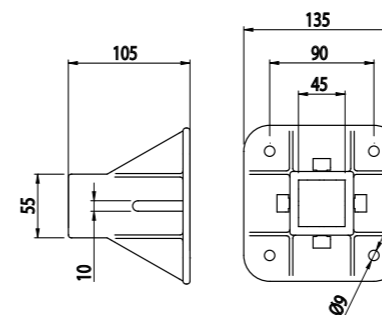


Cod	Note	g
084.409.002	45x45 mm	562



Sandblasted aluminium

Alluminio sabbato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



Cap - Tappo - Tapòn - Embout - Abdeckkappe			
Cod	Mat	g	Col
084.207.003	PA	100	■



FLOOR MOUNT BASE

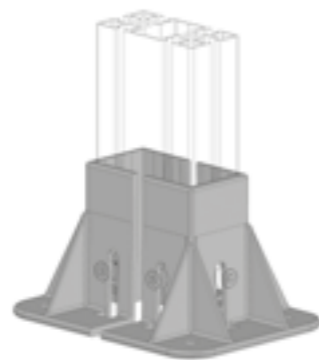
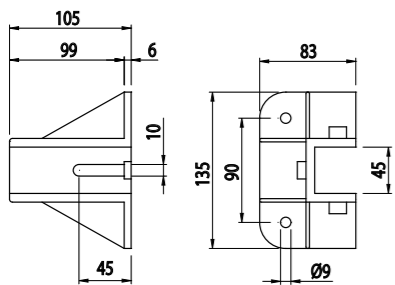
BASE A PAVIMENTO
BASE DE ANCLAJE
EMBASE DE FIXATION
PFOSTENKONSOLE



Cod	Note	g
084.409.003	45x90 mm, 45x135 mm, 45x180 mm	672



Sandblasted aluminium
Alluminio sabbaiato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



FIXING FLANGE

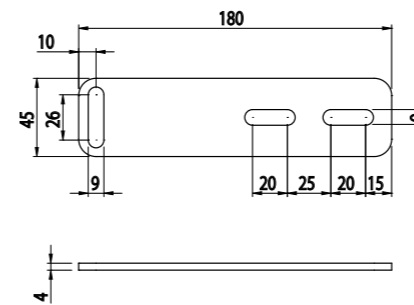
FLANGIA DI FISSAGGIO
BRIDA DE FIJACIÓN
BRIDE DE FIXATION
BEFESTIGUNGSFLANSCH

STAINLESS STEEL

Cod	Note	g
084.106.105	Adjustable fastener with post - Fissaggio regolabile con montante - Fijación regulable con montante - Fixation réglable avec montant - Einstellbare Befestigung mit Längsträger	168



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



FLOOR MOUNT BASE

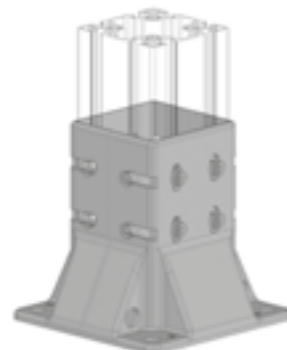
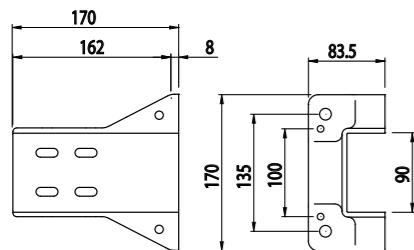
BASE A PAVIMENTO
BASE DE ANCLAJE
EMBASE DE FIXATION
PFOSTENKONSOLE



Cod	Note	g
084.409.011	90x90 mm, 90x180 mm	2300



Sandblasted aluminium
Alluminio sabbaiato
Aluminio arenado
Aluminium sablé
Sandgestrahltes Aluminium



FIXING FLANGE

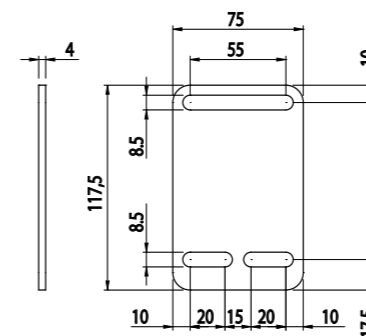
FLANGIA DI FISSAGGIO
BRIDA DE FIJACIÓN
BRIDE DE FIXATION
BEFESTIGUNGSFLANSCH

STAINLESS STEEL

Cod	Note	g
084.106.106	Adjustable fastener with post - Fissaggio regolabile con montante - Fijación regulable con montante - Fixation réglable avec montant - Einstellbare Befestigung mit Längsträger	184



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl

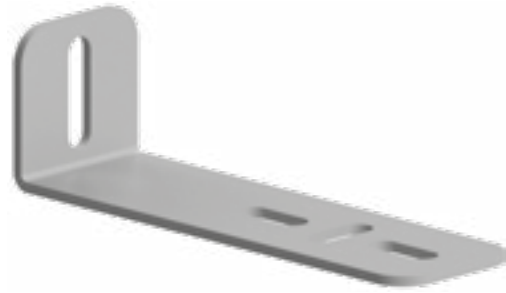




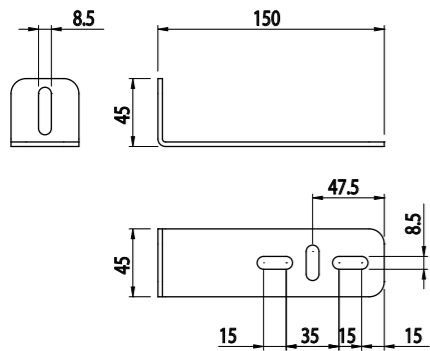
BRACKET FOR ROOFS
STAFFA PER TETTI
ESTRIBO PARA CUBIERTAS
BRIDE POUR TOITS
BÜGEL FÜR DÄCHER

STAINLESS STEEL

Cod	Note	g
084.106.112	Smooth and corrugated roofs - Tetti lisci e ondulati - Cubiertas lisas y onduladas - Toits lisses et ondulés - Glatte Dächer und Welldächer	184



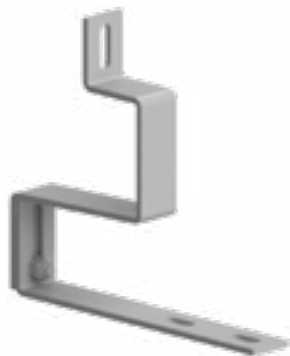
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



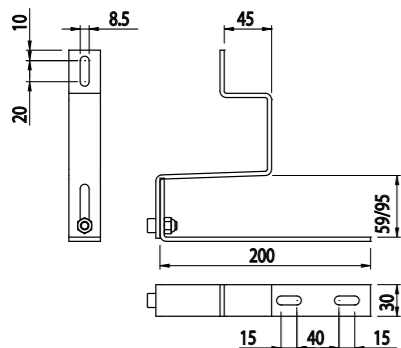
BRACKET FOR ROOFS
STAFFA PER TETTI
ESTRIBO PARA CUBIERTAS
BRIDE POUR TOITS
BÜGEL FÜR DÄCHER

STAINLESS STEEL

Cod	Note	g
084.106.113	Adjustable for pantile roofs - Regolabile per tetti a coppi - Regulable para cubiertas de tejas - Réglable pour toits de tuiles - Einstellbar für Ziegeldächer	510



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



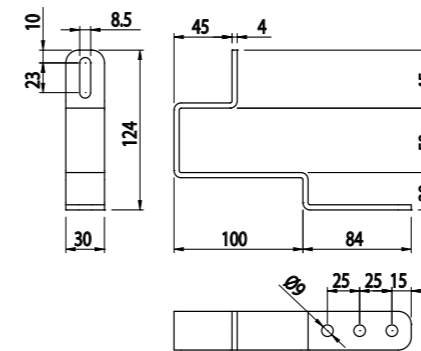
BRACKET FOR ROOFS
STAFFA PER TETTI
ESTRIBO PARA CUBIERTAS
BRIDE POUR TOITS
BÜGEL FÜR DÄCHER

STAINLESS STEEL

Cod	Note	g
084.106.129	Sheet roofs - Tetti a lastra - Cubiertas de losa - Toits de plaques - Plattendächer	294



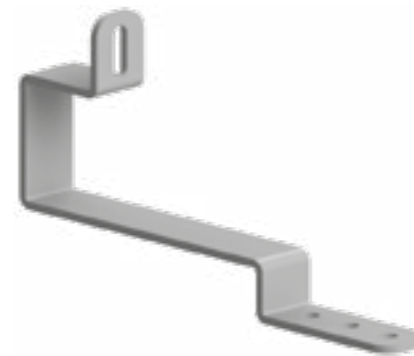
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



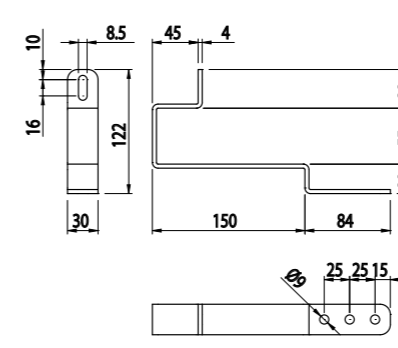
BRACKET FOR ROOFS
STAFFA PER TETTI
ESTRIBO PARA CUBIERTAS
BRIDE POUR TOITS
BÜGEL FÜR DÄCHER

STAINLESS STEEL

Cod	Note	g
084.106.136	Sheet roofs - Tetti a lastra - Cubiertas de losa - Toits de plaques - Plattendächer	343



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl





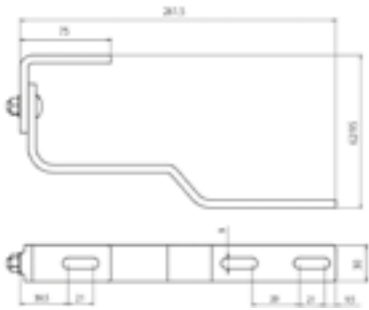
BRACKET FOR ROOFS
STAFFA PER TETTI
ESTRIBO PARA CUBIERTAS
BRIDE POUR TOITS
BÜGEL FÜR DÄCHER

STAINLESS STEEL

Cod	Note	g
084.106.182	Adjustable - Regolabile - Regulable - Réglable - Einstellbar	350



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



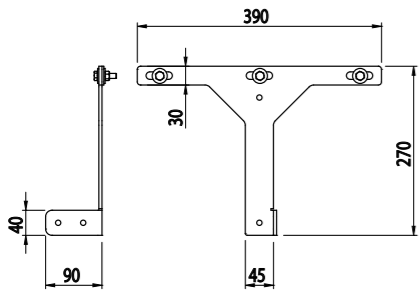
BRACKET FOR ROOFS
STAFFA PER TETTI
ESTRIBO PARA CUBIERTAS
BRIDE POUR TOITS
BÜGEL FÜR DÄCHER

STAINLESS STEEL

Cod	Note	g
084.106.116	Polycarbonate roofs - Tetti in policarbonato - Cubiertas de policarbonato - Toits en polycarbonate - Dächer aus Polycarbonat	1442



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



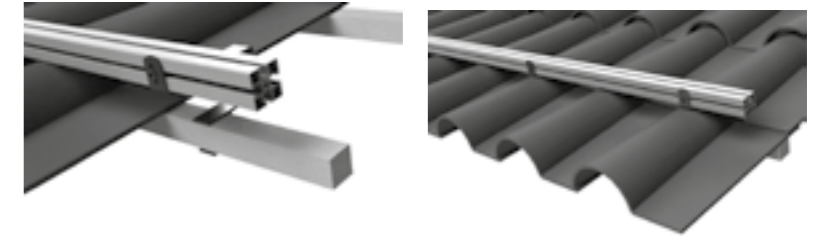
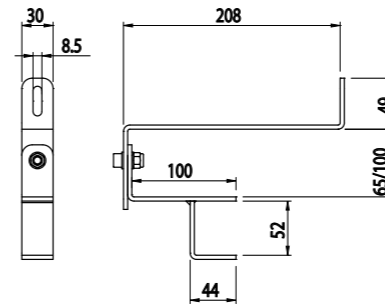
BRACKET FOR ROOFS
STAFFA PER TETTI
ESTRIBO PARA CUBIERTAS
BRIDE POUR TOITS
BÜGEL FÜR DÄCHER

STAINLESS STEEL

Cod	Note	g
084.106.142	Pitched roofs - Tetti a falda - Cubiertas con vertiente - Toits à pan incliné - Dächer mit mehreren Dachflächen	460



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



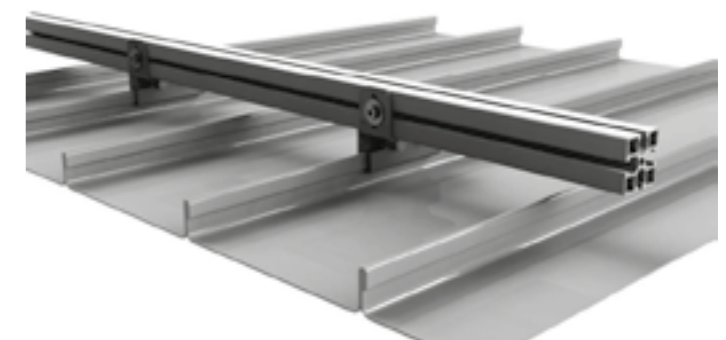
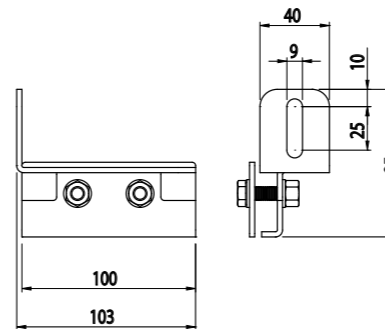
BRACKET FOR SHEET METAL
STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

STAINLESS STEEL

Cod	Note	g
084.106.121	Seamed sheet metal - Lamiera aggraffata - Chapa grapada - Tôle agrafée - Falzblech	320



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl





BRACKET FOR SHEET METAL

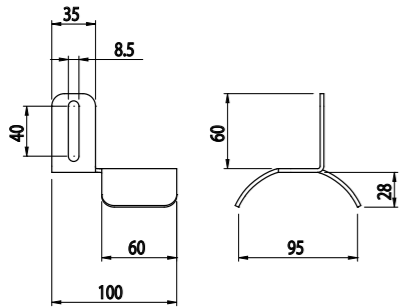
STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

STAINLESS STEEL

Cod	Note	g
084.106.122	Corrugated sheet metal - Lamiera ondulata - Chapa ondulada - Tôle ondulée - Wellblech	238



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



BRACKET FOR SHEET METAL

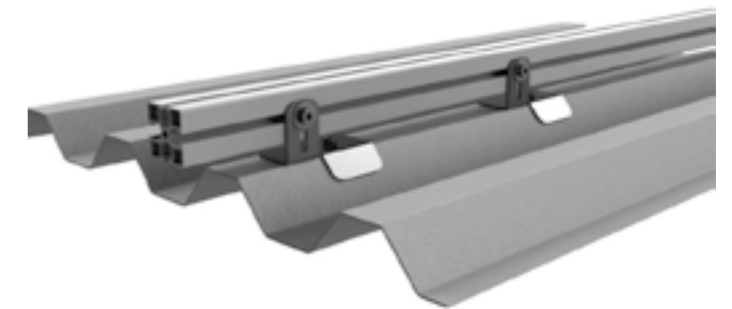
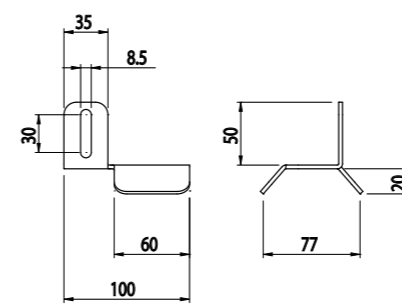
STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

STAINLESS STEEL

Cod	Note	g
084.106.123	Fretted sheet metal - Lamiera grecata - Chapa grecada - Tôle nervurée - Profilblech	202



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl

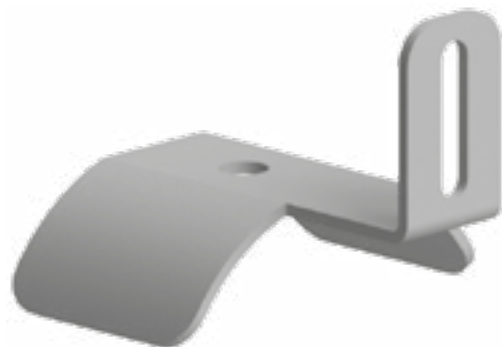


BRACKET FOR SHEET METAL

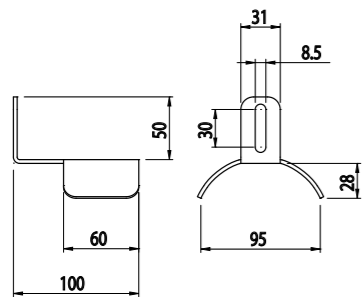
STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

STAINLESS STEEL

Cod	Note	g
084.106.124	Corrugated sheet metal - Lamiera ondulata - Chapa ondulada - Tôle ondulée - Wellblech	224



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



BRACKET FOR SHEET METAL

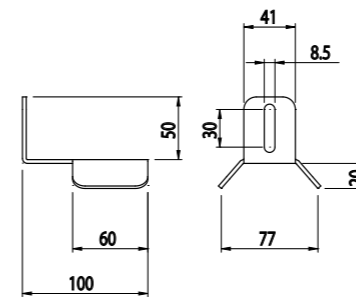
STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

STAINLESS STEEL

Cod	Note	g
084.106.125	Fretted sheet metal - Lamiera grecata - Chapa grecada - Tôle nervurée - Profilblech	205



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



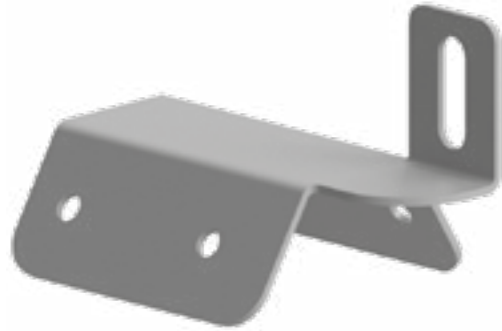


BRACKET FOR SHEET METAL

STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

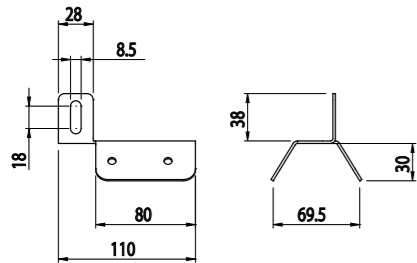
STAINLESS STEEL

Cod	Note	g
084.106.133	Fretted sheet metal - Lamiera grecata - Chapa grecada - Tôle nervurée - Profilblech	239



Stainless steel - EPDM
Acciaio inox - EPDM
Acero inoxidable - EPDM
Acier inox - EPDM
Rostfreier Stahl - EPDM

Mounting with 084.106.137 screws
Montaggio con viti 084.106.137
Montaje con tornillos 084.106.137
Montage avec vis 084.106.137
Montage mit Schrauben 084.106.137

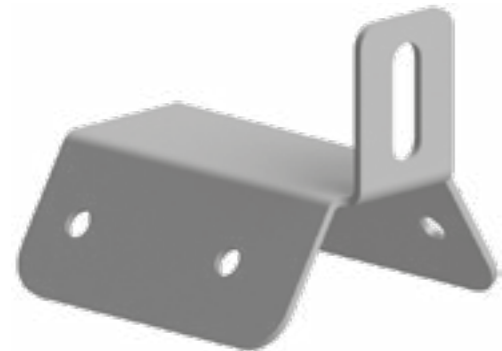


BRACKET FOR SHEET METAL

STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

STAINLESS STEEL

Cod	Note	g
084.106.134	Fretted sheet metal - Lamiera grecata - Chapa grecada - Tôle nervurée - Profilblech	205

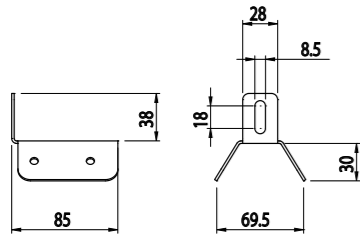


Stainless steel - EPDM
Acciaio inox - EPDM
Acero inoxidable - EPDM
Acier inox - EPDM
Rostfreier Stahl - EPDM

Mounting with 084.106.137 screws
Montaggio con viti 084.106.137
Montaje con tornillos 084.106.137
Montage avec vis 084.106.137
Montage mit Schrauben 084.106.137

NOTA PER LE STAFFE 084.106.133 - 084.106.134
NOTE FOR BRACKETS 084.106.133 - 084.106.134
NOTA PARA ESCUADRAS 084.106.133 - 084.106.134
NOTE POUR BRIDES 084.106.133 - 084.106.134
ANMERKUNG FÜR KLAMMER 084.106.133 - 084.106.134

SPECIFICARE IL TIPO DI LAMIERA AL MOMENTO DELL'ORDINE
SPECIFY THE TYPE OF METAL SHEET WHEN ORDERING
ESPECIFICAR EL TIPO DE HOJA DE METAL EN EL MOMENTO DEL PEDIDO
PRÉCISER LE TYPE DE FEUILLE DE MÉTAL AU MOMENT DE LA COMMANDE
BEI DER BESTELLUNG DEN PLATTENTYP ANGEBEN

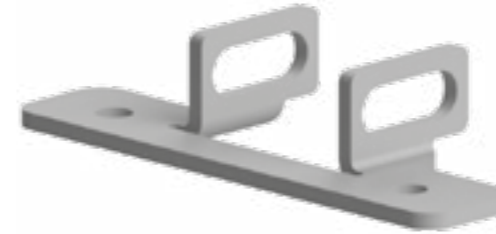


BRACKET FOR SHEET METAL

STAFFA PER LAMIERA
ESTRIBO PARA CHAPA
BRIDE POUR TÔLE
BÜGEL FÜR BLECH

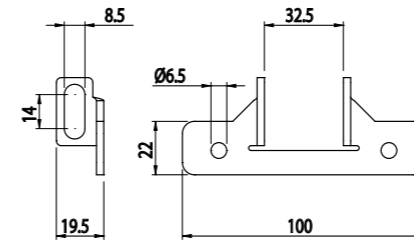
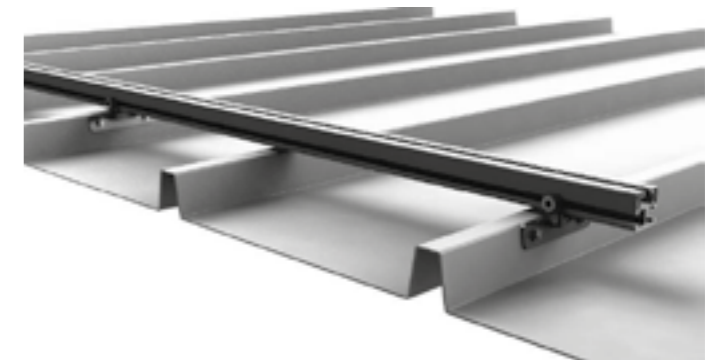
STAINLESS STEEL

Cod	Note	g
084.106.138	Fretted sheet metal, for 084.106.006 profile - Lamiera grecata, per profilo 084.106.006 Chapa grecada, para perfil 084.106.006 - Tôle nervurée, pour profilé 084.106.006 - Profilblech, für Profil 084.106.006	75



Stainless steel - EPDM
Acciaio inox - EPDM
Acero inoxidable - EPDM
Acier inox - EPDM
Rostfreier Stahl - EPDM

Mounting with 084.106.137 screws
Montaggio con viti 084.106.137
Montaje con tornillos 084.106.137
Montage avec vis 084.106.137
Montage mit Schrauben 084.106.137





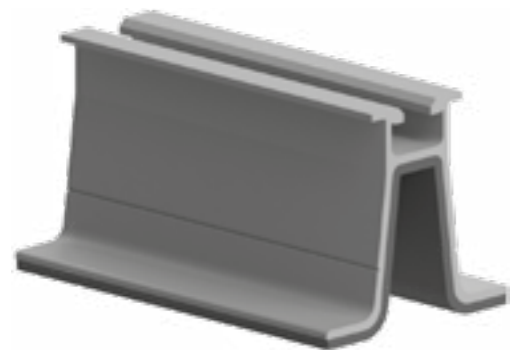
INTEGRATION BRACKET

STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT

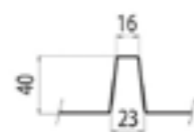
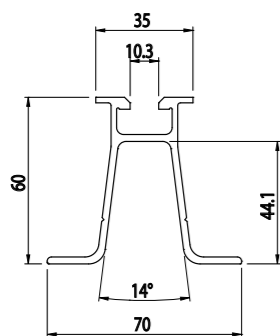


Cod	Note	g
084.106.901	L=120 mm	165



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

P036.002.001 L=6100mm



INTEGRATION BRACKET

STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT

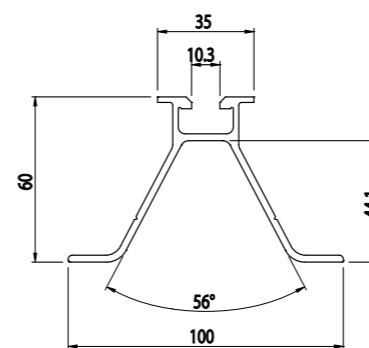


Cod	Note	g
084.106.903	L=120 mm	165



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

P036.002.003 L=6100mm



INTEGRATION BRACKET

STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT

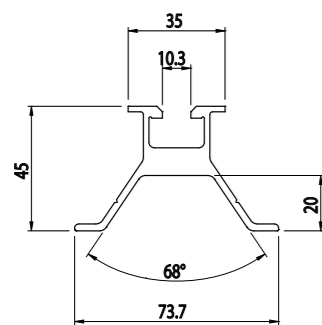


Cod	Note	g
084.106.902	L=120 mm	140



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

P072.001.001 L=6100mm



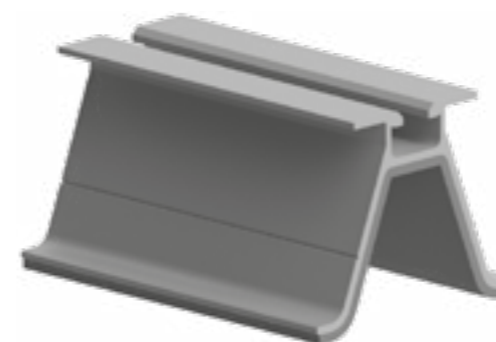
INTEGRATION BRACKET

STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT

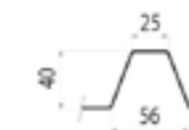
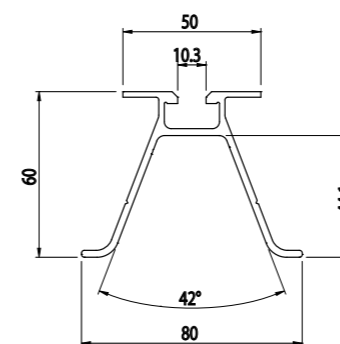


Cod	Note	g
084.106.904	L=120 mm	165



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

P084.106.904 L=6100mm



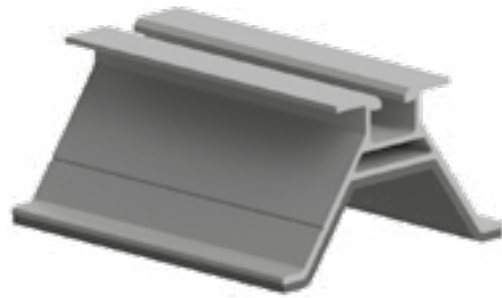


INTEGRATION BRACKET
STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT

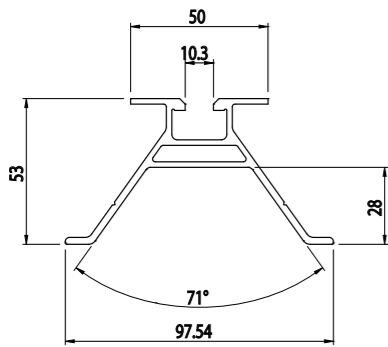


Cod	Note	g
084.106.905	L=120 mm	165



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

P084.106.905 L=6100mm

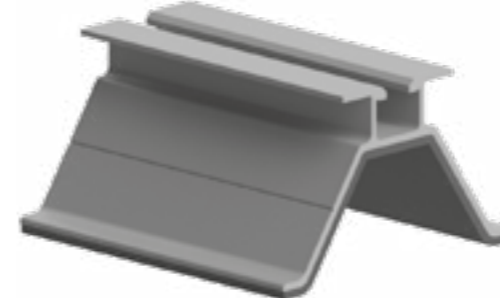


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BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT

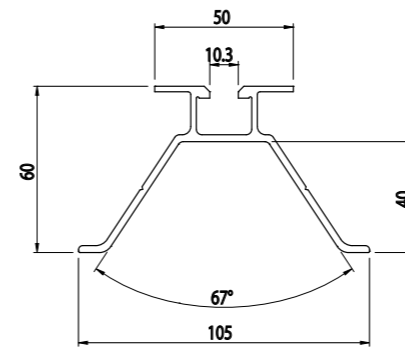


Cod	Note	g
084.106.907	L=120 mm	173



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

P084.106.907 L=6100mm

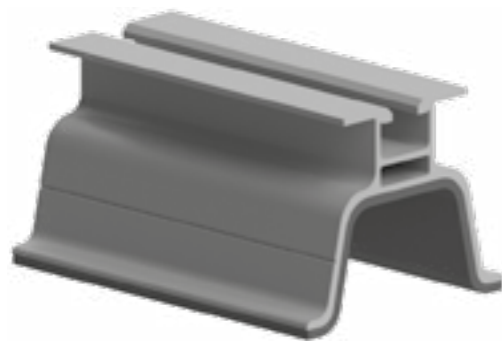


INTEGRATION BRACKET
STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT

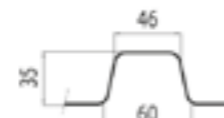
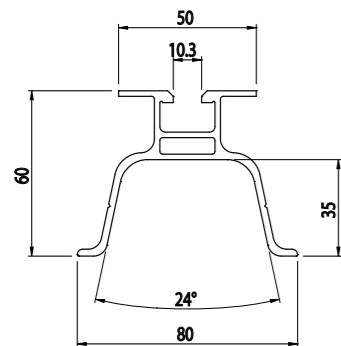


Cod	Note	g
084.106.906	L=120 mm	182



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

P084.106.906 L=6100mm



INTEGRATION BRACKET
STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

NEW

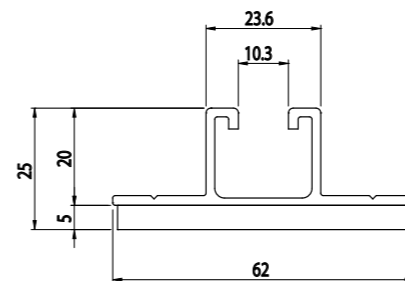


Cod	Note	g
084.106.162	L=595 mm	300
084.106.162-120	L=120 mm	
084.106.162-200	L=200 mm	
084.106.162-300	L=300 mm	
084.106.162-400	L=400 mm	
084.106.162-500	L=500 mm	



Aluminium - EPDM
Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

Mounting with 084.106.157 rivets
Montaggio con rivetti 084.106.157
Montaje con remaches 084.106.157
Montage avec rivets 084.106.157
Montage mit Nieten 084.106.157





PROFILES CAN BE CUT ON REQUEST

SU RICHIESTA I PROFILI POSSONO ESSERE FORNITI TAGLIATI SECONDO LE NECESSITÀ
LOS PERFILES PUEDEN SER PEDIDOS EN PERTES SEGÙN NECESIDAD
ON PEUT DEMANDER LES PROFILÉS EN TRONCONS SELON LE BESOIN
AUF ANTRAG KONNEN MASSGESCHNEIDERTE PROFILE GELIEFERT WERDEN

EN Aluminium clamps for mounting photovoltaic panels on trapezoidal corrugated roof. Advantages:

- possibility of total integration;
- direct panles fastening (no spares);
- quick installation;
- cheap solution;

IT Staffe in alluminio per dissaggio pannelli fotovoltaici su tetto grecato. Vantaggi:

- possibilità di integrazione totale;
- fissaggio diretto dei pannelli (assenza di longaroni);
- velocità di installazione;
- soluzione economica.

ES Estructuras de aluminio para el montaje de paneles fotovoltaico en techo en forma de greca. Ventajas:

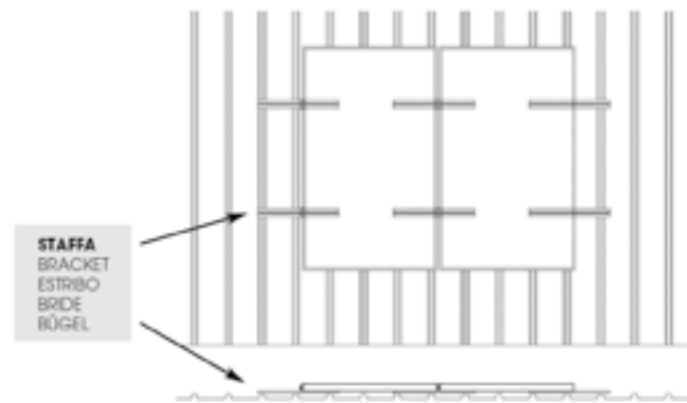
- posibilidad de integración total;
- colocación directa de los paneles (sin palos);
- instalación rápida;
- solución económica.

FR Brides en aluminium pour le montage de panneaux photovoltaïques sur toit grecqué. Avantages:

- possibilité d'intégration total;
- fixation directe des panneaux (pas de longerons);
- installation rapide;
- une solution à économique.

DE Bugel aus aluminium für die befestigung von solarmodulen auf gewelltem dach. Vorteile:

- vollständige integration;
- direkte befestigung der module;
- leicht zu installieren;
- preiswerte losung.



INTEGRATION BRACKET

STAFFA INTEGRAZIONE
ESTRIBO DE INTEGRACIÓN
BRIDE INTÉGRATION
EINBAUBÜGEL

PATENT



Cod	Note	g
084.106.010G-150	L=150 mm	126
084.106.010G-200	L=200 mm	138
084.106.010G-350	L=350 mm	252
084.106.010G-400	L=400 mm	276



Aluminium - EPDM

Alluminio - EPDM
Aluminio - EPDM
Aluminium - EPDM
Aluminium - EPDM

Mounting with 084.106.157 rivets

Montaggio con rivetti 084.106.157
Montaje con remaches 084.106.157
Montage avec rivets 084.106.157
Montage mit Nieten 084.106.157

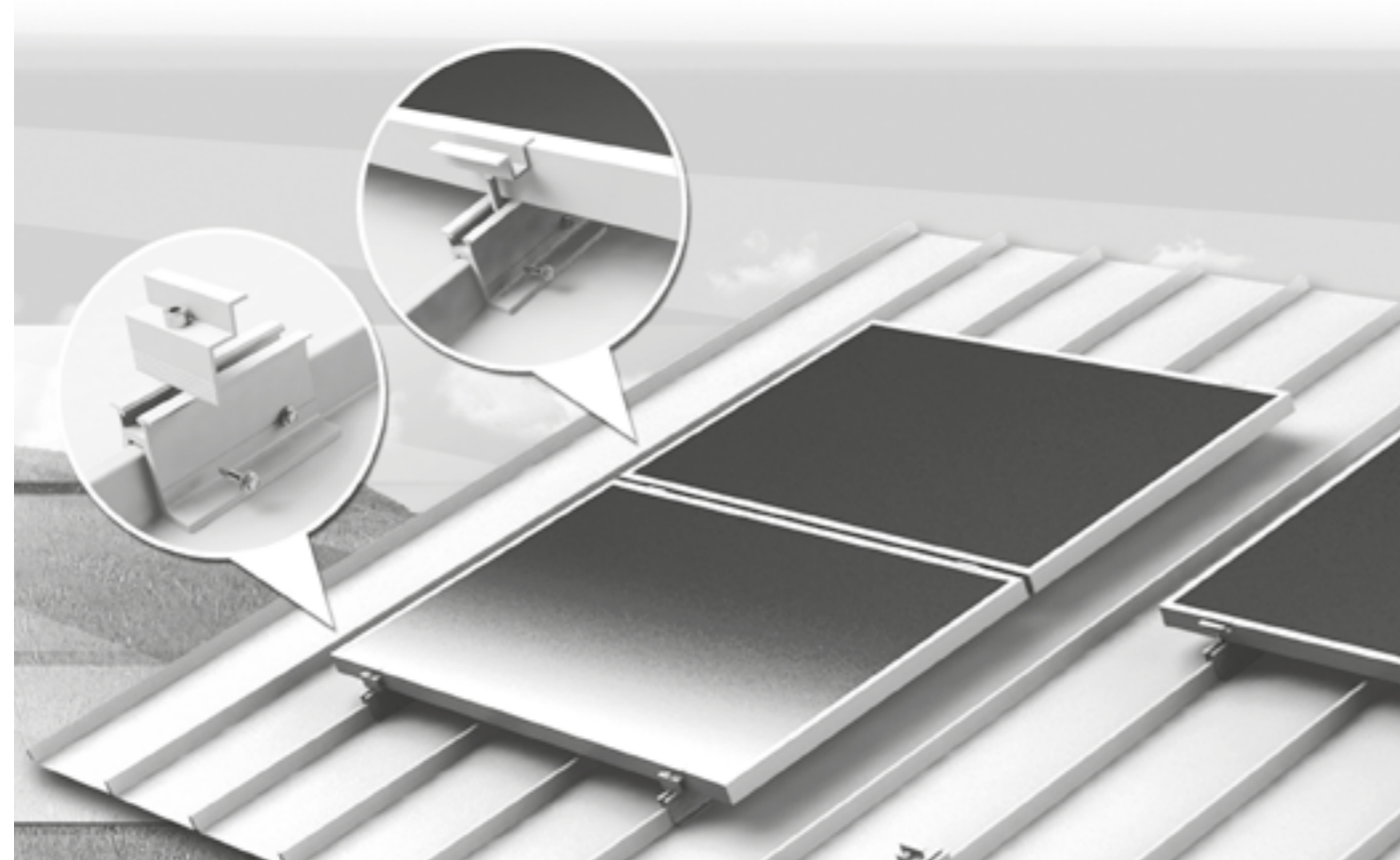
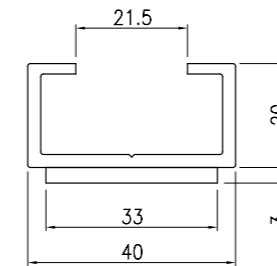


PLATE FOR FIXER

PIASTRA PER FISSATORE
PLACA PARA FIJADOR
PLAQUE POUR FIXATION
PLATTE FÜR BEFESTIGER

STAINLESS STEEL

Cod	Note	g
084.106.169	For connection between fixer and profile - Per il collegamento tra fissatore e profilo - Para la unión entre fijador y perfil - Pour le raccordement entre fixation et profilé - Für die Verbindung zwischen Befestiger und Profil	75



Stainless steel

Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl

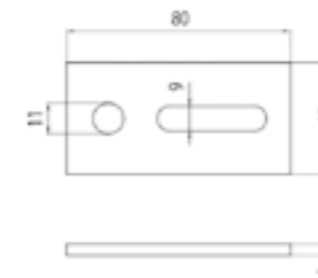




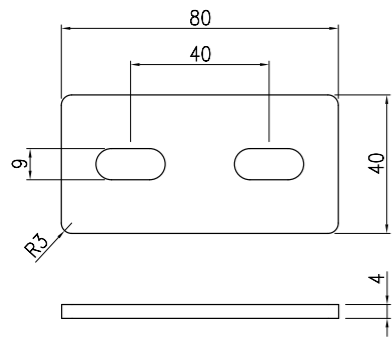
PLATE FOR FIXER
PIASTRA PER FISSATORE
PLACA PARA FIJADOR
PLAQUE POUR FIXATION
PLATTE FÜR BEFESTIGER

NEW **STAINLESS STEEL**

Cod	Note	g
084.106.174	For connection between fixer and profile - Per il collegamento tra fissatore e profilo - Para la unión entre fijador y perfil - Pour le raccordement entre fixation et profilé - Für die Verbindung zwischen Befestiger und Profil	75



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



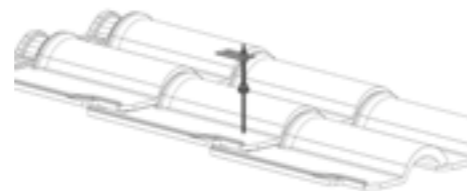
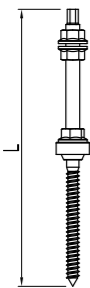
SCREW FOR WOODEN SUBSTRUCTURE
VITE PER SOTTOSTRUTTURA IN LEGNO
TORNILLO PARA SUBESTRUCTURA DE MADERA
VIS POUR SOUS-STRUCTURE EN BOIS
SCHRAUBE FÜR UNTERKONSTRUKTION AUS HOLZ

NEW **STAINLESS STEEL**

Cod	L	g
084.106.LF.200	200	112
084.106.LF.250	250	114
084.106.LF.300	300	167



Stainless steel - EPDM
Acciaio inox - EPDM
Acero inoxidable - EPDM
Acier inox - EPDM
Rostfreier Stahl - EPDM



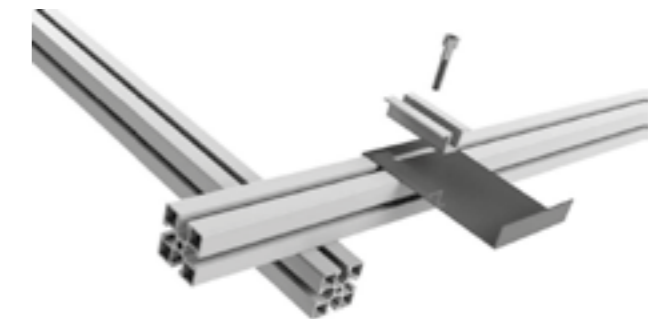
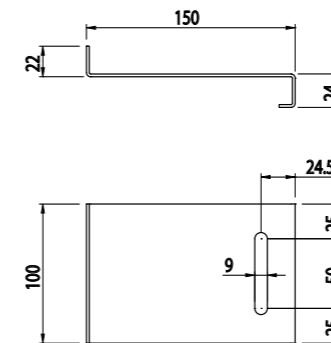
PANEL STOP SUPPORTS
SUPPORTO FERMA PANNELLI
SOPORTE DE RETENCIÓN PARA PANELES
SUPPORT DE PANNEAUX
HALTERUNG PLATTENSTOPPER

STAINLESS STEEL

Cod	Note	g
084.106.107	45x45, 45x90	225



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



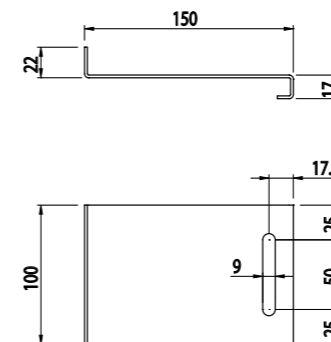
PANEL STOP SUPPORTS
SUPPORTO FERMA PANNELLI
SOPORTE DE RETENCIÓN PARA PANELES
SUPPORT DE PANNEAUX
HALTERUNG PLATTENSTOPPER

STAINLESS STEEL

Cod	Note	g
084.106.108	32x32 084.101.030	215



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl





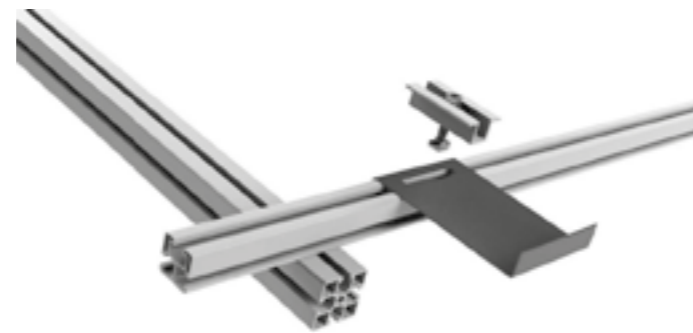
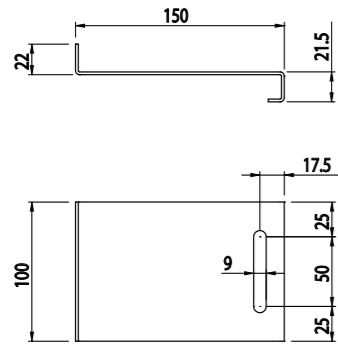
PANEL STOP SUPPORTS
SUPPORTO FERMA PANNELLI
SOPORTE DE RETENCIÓN PARA PANELES
SUPPORT DE PANNEAUX
HALTERUNG PLATTENSTOPPER

STAINLESS STEEL

Cod	Note	g
084.106.127	32x32 084.106.006	215



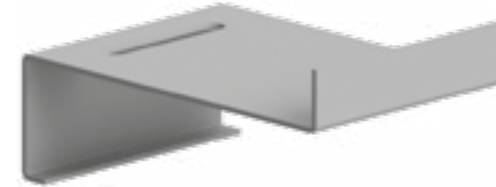
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



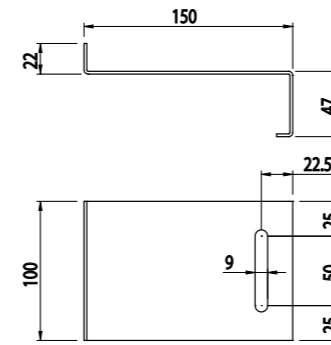
PANEL STOP SUPPORTS
SUPPORTO FERMA PANNELLI
SOPORTE DE RETENCIÓN PARA PANELES
SUPPORT DE PANNEAUX
HALTERUNG PLATTENSTOPPER

STAINLESS STEEL

Cod	Note	g
084.106.117	41x41	320



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



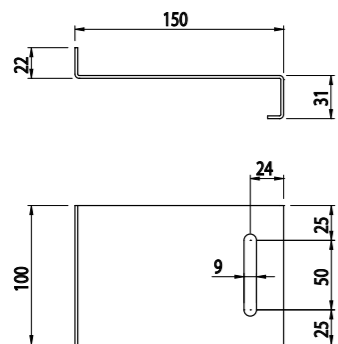
PANEL STOP SUPPORTS
SUPPORTO FERMA PANNELLI
SOPORTE DE RETENCIÓN PARA PANELES
SUPPORT DE PANNEAUX
HALTERUNG PLATTENSTOPPER

STAINLESS STEEL

Cod	Note	g
084.106.128	45x60	250



Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



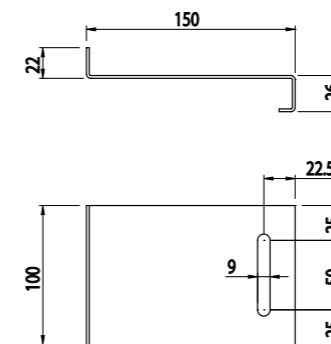
PANEL STOP SUPPORTS
SUPPORTO FERMA PANNELLI
SOPORTE DE RETENCIÓN PARA PANELES
SUPPORT DE PANNEAUX
HALTERUNG PLATTENSTOPPER

STAINLESS STEEL

Cod	Note	g
084.106.118	41x21	300



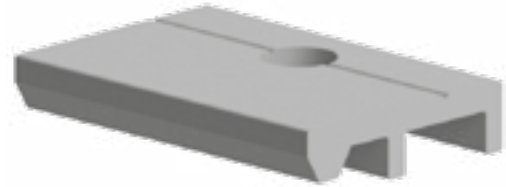
Stainless steel
Acciaio inox
Acero inoxidable
Acier inox
Rostfreier Stahl



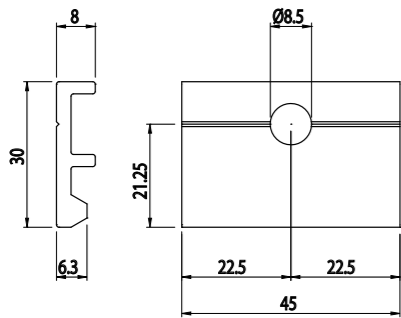


JOINING BRACKET
STAFFA DI GIUNZIONE
BRIDA DE ACOPLAMIENTO
BRIDE DE JONCTION
VERBINDUNGSBÜGEL

Cod	Note	g
084.106.821	Triangle/longitudinal joining bracket Staffa di giunzione triangolo/longherone Brida de ACOPLAMIENTO triángulo-larguero Bride de jonction triangle/longeron Verbindungsbügel Dreieck/Längsträger	35



Mill-finish aluminium
Alluminio grezzo
Aluminio bruto
Aluminium brut
Rohaluminium



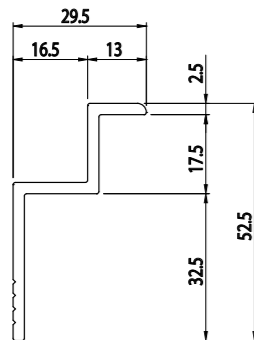
END CLIP
GRAFFETTA D'ESTREMITÀ
GRAPA DE EXTREMO
AGRAFE D'EXTRÉMITÉ
ENDKLAMMER

Cod	Note	Kg/m
084.106.003		0,54
084.106.003G		0,54

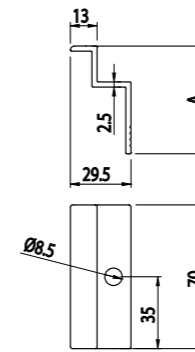
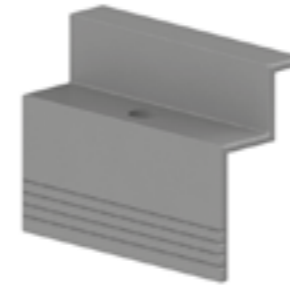


084.106.003 Anodised aluminium natural colour
084.106.003 Alluminio anodizzato colore naturale
084.106.003 Aluminio anodizado color natural
084.106.003 Aluminium anodisé couleur naturelle
084.106.003 Eloxiertes Aluminium Natürliche Farbe
L=6040 mm

084.106.003G Mill-finish aluminium
084.106.003G Alluminio grezzo
084.106.003G Aluminio bruto
084.106.003G Aluminium brut
084.106.003G Rohaluminium
L=6040 mm



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

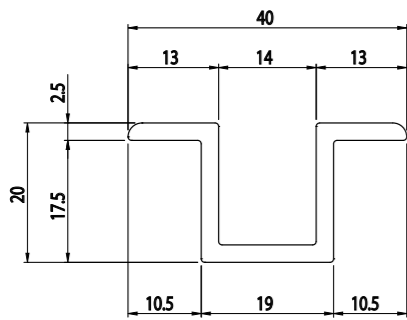
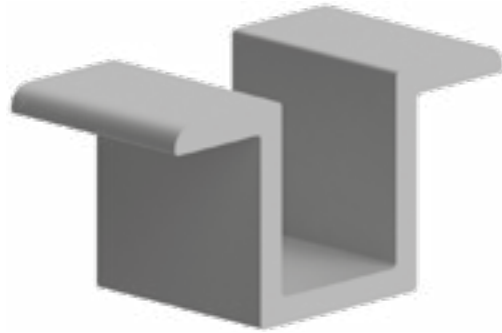


Cod	Note	A (mm)	g
084.106.103-30	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	30	26
084.106.103-35	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	35	28
084.106.103-38	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	38	30
084.106.103-40	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	40	31
084.106.103-42	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	42	32
084.106.103-45	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	45	33
084.106.103-46	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	46	33
084.106.103-48	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	48	34
084.106.103	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	50	35
084.106.103-30G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	30	26
084.106.103-35G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	35	28
084.106.103-38G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	38	30
084.106.103-40G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	40	31
084.106.103-42G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	42	32
084.106.103-45G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	45	33
084.106.103-46G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	46	33
084.106.103-48G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	48	34
084.106.103G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	50	35

Aluminium
Alluminio
Aluminio
Aluminium
Aluminium



INTERMEDIATE CLIP
GRAFFETTA INTERMEDIA
GRAPA INTERMEDIA
AGRAFE INTERMÉDIAIRE
MITTELKLAMMER

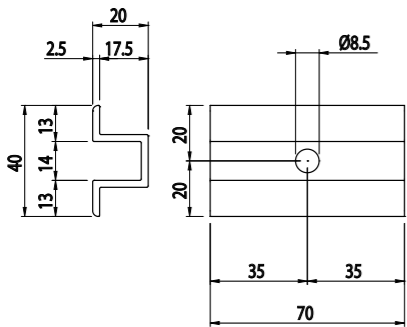
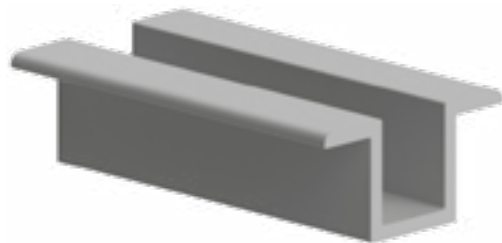


Cod	Note	Kg/m
084.106.004	To be used with 084.106.104 / Da utilizzare con 084.106.104 / Para usar con 084.106.104 / À utiliser avec 084.106.104 / Zur Anwendung mit 084.106.104	0,51
084.106.004G	To be used with 084.106.104G / Da utilizzare con 084.106.104G / Para usar con 084.106.104G / À utiliser avec 084.106.104G / Zur Anwendung mit 084.106.104G mit	0,51

Anodised aluminium
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

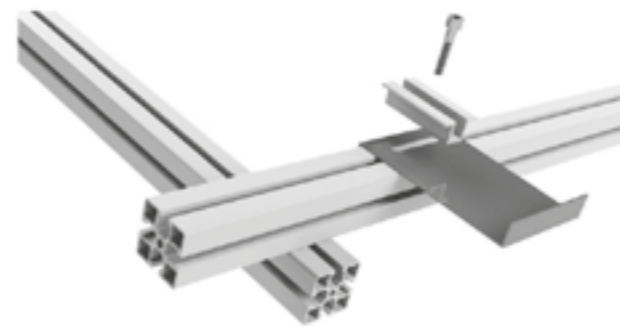
Natural colour
Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe

INTERMEDIATE CLIP
GRAFFETTA INTERMEDIA
GRAPA INTERMEDIA
AGRAFE INTERMÉDIAIRE
MITTELKLAMMER

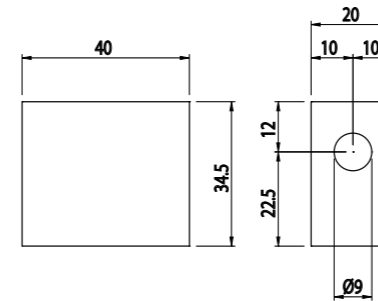


Cod	Note	g
084.106.104	Anodised - Anodizzato - Anodizado Anodisé - Eloxiert	33
084.106.104G	Mill-Finish - Grezzo - En bruto Brut - Unbearbeitet	33
084.106.104N	Black anodised - Anodizzato nero - Anodizado color negro - Anodisé noir - Eloxiert schwarz	33

Aluminium
Alluminio
Aluminio
Aluminium
Aluminium

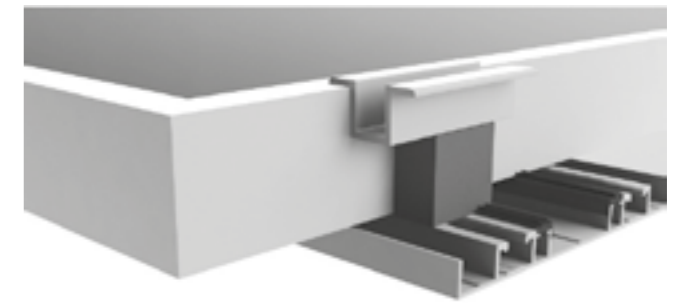


ANTI-UV SEALING PLUG
TAMPONE SIGILLANTE ANTI UV
ALMOHADILLA DE SELLADO ANTI-UV
TAMPON D'ÉTANCHÉITÉ ANTI UV
DICHTUNGSPAD MIT UV-SCHUTZ



Cod	Note	g
084.106.141	For sealing between panels and 084.106.005 - Per sigillatura tra pannelli e 084.106.005 - Para el sellado entre paneles y 084.106.005 - Pour isolation entre panneaux et 084.106.005 - Zur Versiegelung zwischen Platten und 084.106.005	22

EPDM



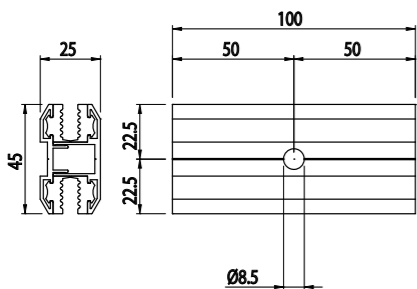


INTERMEDIATE CLAMP
MORSETTO INTERMEDIO
MORDAZA INTERMEDIA
ÉTAU INTERMÉDIAIRE
MITTELKLEMME

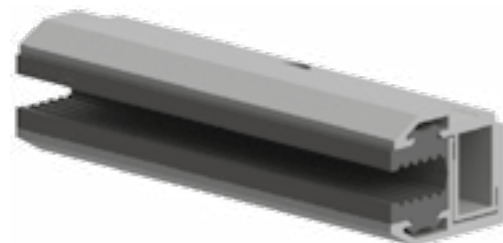


Cod	Note	g
084.106.146	For frameless panels - Per pannelli senza cornice - Para paneles sin marco - Pour panneaux sans cadre - Für Platten ohne Rahmen	106

Mill-finish aluminium
Alluminio grezzo
Aluminio bruto
Aluminium brut
Rohaluminium

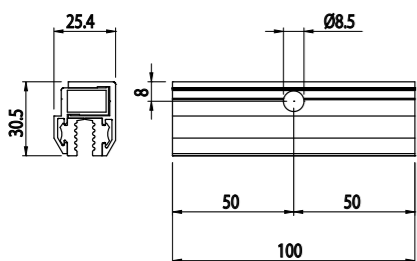


END CLAMP
MORSETTO D'ESTREMITÀ
MORDAZA DE EXTREMO
ÉTAU D'EXTRÉMITÉ
ENDKLEMME



Cod	Note	g
084.106.165	For frameless panels - Per pannelli senza cornice - Para paneles sin marco - Pour panneaux sans cadre - Für Platten ohne Rahmen	98

Mill-finish aluminium
Alluminio grezzo
Aluminio bruto
Aluminium brut
Rohaluminium



Profile / Profilo / Profil / Perfil / Profil / Profil	Photovoltaic panel frame thickness [mm] / Spessore cornice pannello fotovoltaico [mm] / Estribo para fijación / Epaisseur du panneau photovoltaïque [mm]														
	Without frame Senza cornice Sin marco Sans encadrement 084.106.146 084.106.165	25	30	35	38	40	42	45	46	48	50	Nut Dado Tuercas Ecroû			
084.106.009 (20x62)	084.301.033 (MBX25)	084.301.025 (MBX20)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.302.028 (MBX45)			
084.101.030 (32x32)	084.301.033 (MBX25)	084.301.025 (MBX20)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.302.004 (MBX45)			
084.106.006 (32x32)	084.301.033 (MBX25)	084.301.025 (MBX20)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.302.028 (MBX45)			
084.101.014 (45x45)	084.301.031 (MBX30)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.028 (MBX50)	084.301.028 (MBX50)	084.302.009 (MBX50)			
084.101.042 (45x45 SLIM)	084.301.031 (MBX30)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.028 (MBX50)	084.301.028 (MBX50)	084.302.038 (MBX50)			
084.101.047 (45x45 ULTRA SLIM)	084.301.033 (MBX25)	084.301.025 (MBX20)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.302.028 (MBX45)			
084.101.041 (45x60)	084.301.031 (MBX30)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.028 (MBX50)	084.301.028 (MBX50)	084.302.009 (MBX50)			
084.106.802 (45x90)	084.301.033 (MBX25)	084.301.025 (MBX20)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.302.028 (MBX45)			
084.101.029 (45x90)	084.301.031 (MBX30)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.028 (MBX50)	084.301.028 (MBX50)	084.302.009 (MBX50)			
084.106.804 (110x120)	084.301.033 (MBX25)	084.301.025 (MBX20)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.302.028 (MBX45)			
084.106.901 - 084.106.902 084.106.903 - 084.106.904 084.106.905 - 084.106.906 084.106.907 - 084.106.162	084.301.033 (MBX25)	084.301.025 (MBX20)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.302.028 (MBX45)			
084.106.010 084.106.012 084.106.013	084.301.031 (MBX30)	084.301.033 (MBX25)	084.301.031 (MBX30)	084.301.026 (MBX35)	084.301.027 (MBX40)	084.301.027 (MBX40)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.030 (MBX45)	084.301.028 (MBX50)	084.301.028 (MBX50)	084.302.039 (MBX50)			



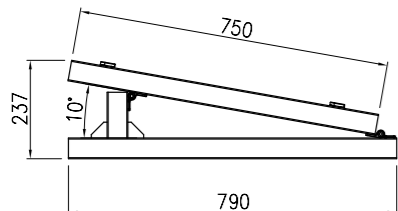


10° ONE ROW TRIANGLE

TRIANGOLO UNA FILA 10°
TRIÁNGULO UNA FILA 10°
TRIANGLE UNE FILE 10°
DREIECK EINE REIHE 10°

NEW

Cod	Note	Kg
084.106.326G	A horizontal row - Una fila orizzontale - Una fila horizontal - Une file horizontale - Eine horizontale Reihe	1,8

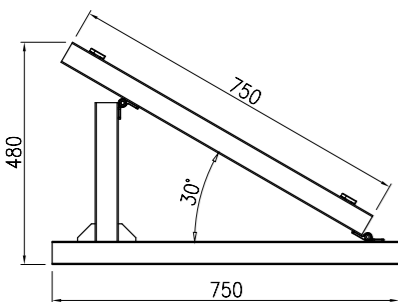


30° ONE ROW TRIANGLE

TRIANGOLO UNA FILA 30°
TRIÁNGULO UNA FILA 30°
TRIANGLE UNE FILE 30°
DREIECK EINE REIHE 30°

NEW

Cod	Note	Kg
084.106.325G	A horizontal row - Una fila orizzontale - Una fila horizontal - Une file horizontale - Eine horizontale Reihe	2

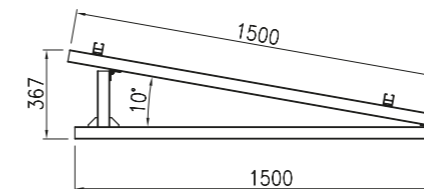


10° ONE ROW TRIANGLE

TRIANGOLO UNA FILA 10°
TRIÁNGULO UNA FILA 10°
TRIANGLE UNE FILE 10°
DREIECK EINE REIHE 10°

NEW

Cod	Note	Kg
084.106.328G	A vertical row - Una fila verticale - Una fila vertical - Une file verticale - Eine vertikale Reihe	3,2

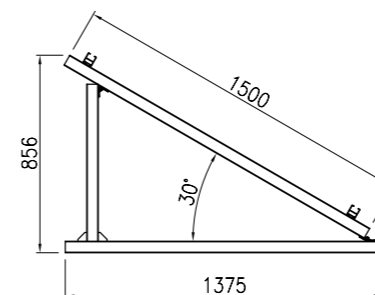


30° ONE ROW TRIANGLE

TRIANGOLO UNA FILA 30°
TRIÁNGULO UNA FILA 30°
TRIANGLE UNE FILE 30°
DREIECK EINE REIHE 30°

NEW

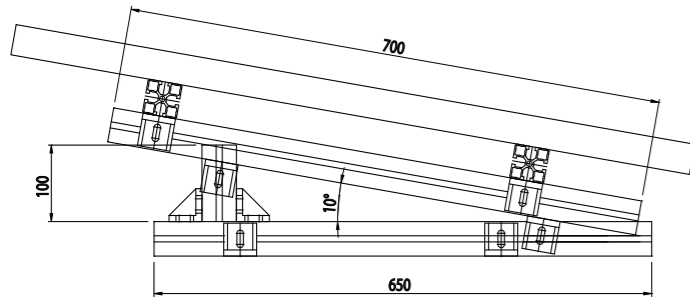
Cod	Note	Kg
084.106.327G	A vertical row - Una fila verticale - Una fila vertical - Une file verticale - Eine vertikale Reihe	3,6





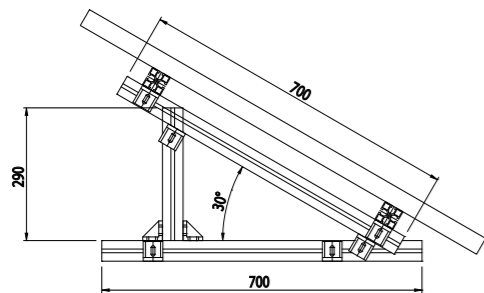
10° ONE ROW TRIANGLE
TRIANGOLO UNA FILA 10°
TRIÁNGULO UNA FILA 10°
TRIANGLE UNE FILE 10°
DREIECK EINE REIHE 10°

Cod	Note	Kg
084.106.306G	A horizontal row - Una fila orizzontale - Una fila horizontal - Une file horizontale - Eine horizontale Reihe	2,70



30° ONE ROW TRIANGLE
TRIANGOLO UNA FILA 30°
TRIÁNGULO UNA FILA 30°
TRIANGLE UNE FILE 30°
DREIECK EINE REIHE 30°

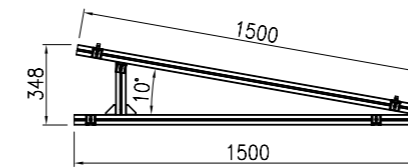
Cod	Note	Kg
084.106.307G	A horizontal row - Una fila orizzontale - Una fila horizontal - Une file horizontale - Eine horizontale Reihe	3,10



10° ONE ROW TRIANGLE
TRIANGOLO UNA FILA 10°
TRIÁNGULO UNA FILA 10°
TRIANGLE UNE FILE 10°
DREIECK EINE REIHE 10°

NEW

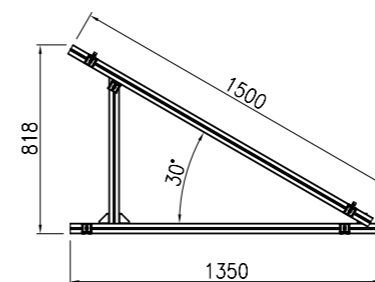
Cod	Note	Kg
084.106.323G	A vertical row - Una fila verticale - Una fila vertical - Une file verticale - Eine vertikale Reihe	4,9



30° ONE ROW TRIANGLE
TRIANGOLO UNA FILA 30°
TRIÁNGULO UNA FILA 30°
TRIANGLE UNE FILE 30°
DREIECK EINE REIHE 30°

NEW

Cod	Note	Kg
084.106.322G	A vertical row - Una fila verticale - Una fila vertical - Une file verticale - Eine vertikale Reihe	5,3



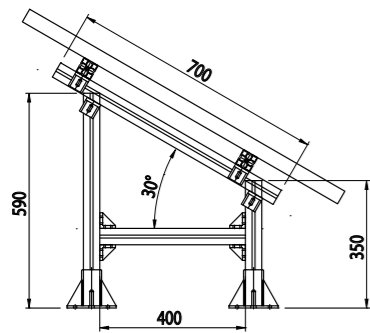


30° ONE ROW TRIANGLE

TRIANGOLO UNA FILA 30°
TRIÁNGULO UNA FILA 30°
TRIANGLE UNE FILE 30°
DREIECK EINE REIHE 30°

NEW

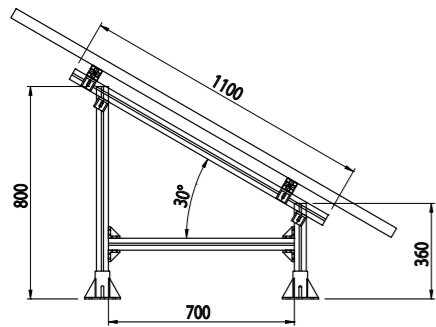
Cod	Note	Kg
084.106.316G	A horizontal row - Una fila orizzontale - Una fila horizontal - Une file horizontale - Eine horizontale Reihe	4,50



30° ONE ROW TRIANGLE

TRIANGOLO UNA FILA 30°
TRIÁNGULO UNA FILA 30°
TRIANGLE UNE FILE 30°
DREIECK EINE REIHE 30°

Cod	Note	Kg
084.106.313G	A vertical row - Una fila verticale - Una fila vertical - Une file verticale - Eine vertikale Reihe	3,10

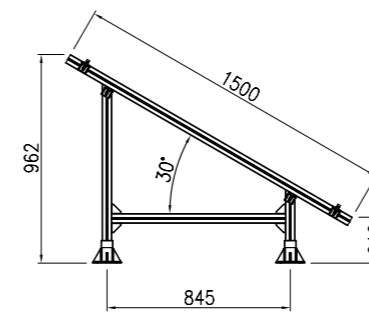


30° ONE ROW TRIANGLE

TRIANGOLO UNA FILA 30°
TRIÁNGULO UNA FILA 30°
TRIANGLE UNE FILE 30°
DREIECK EINE REIHE 30°

NEW

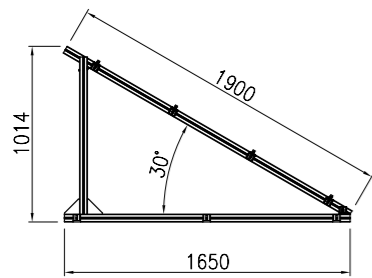
Cod	Note	Kg
084.106.324G	A vertical row - Una fila verticale - Una fila vertical - Une file verticale - Eine vertikale Reihe	3,7





30° TWO ROW TRIANGLE
TRIANGOLO DUE FILE 30°
TRIÂNGULO DOS FILAS 30°
TRIANGLE DEUX FILES 30°
DREIECK ZWEI REIHEN 30°

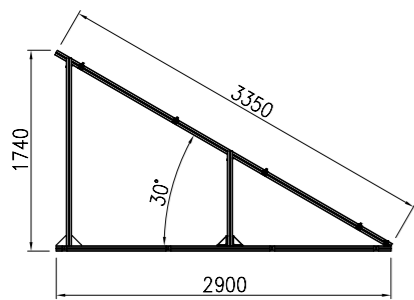
Cod	Note	Kg
084.106.606G	Two vertical rows - Due file verticali - Dos filas verticales - Deux files verticales - Zwei vertikale Reihen	3,85



30° TWO ROW TRIANGLE
TRIANGOLO DUE FILE 30°
TRIÂNGULO DOS FILAS 30°
TRIANGLE DEUX FILES 30°
DREIECK ZWEI REIHEN 30°

NEW

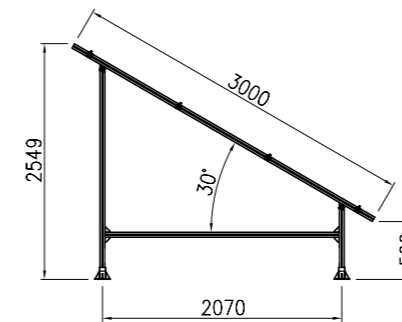
Cod	Note	Kg
084.106.605G	Two vertical rows - Due file verticali - Dos filas verticales - Deux files verticales - Zwei vertikale Reihen	6



30° TWO ROW TRIANGLE
TRIANGOLO DUE FILE 30°
TRIÂNGULO DOS FILAS 30°
TRIANGLE DEUX FILES 30°
DREIECK ZWEI REIHEN 30°

NEW

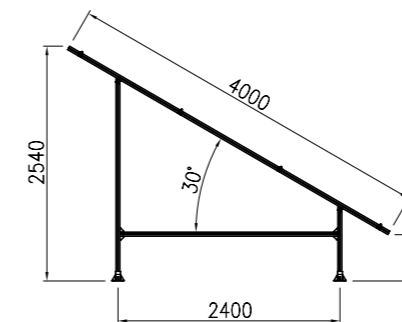
Cod	Note	Kg
084.106.607G	Two vertical rows - Due file verticali - Dos filas verticales - Deux files verticales - Zwei vertikale Reihen	13,94



30° TWO ROW TRIANGLE
TRIANGOLO DUE FILE 30°
TRIÂNGULO DOS FILAS 30°
TRIANGLE DEUX FILES 30°
DREIECK ZWEI REIHEN 30°

NEW

Cod	Note	Kg
084.106.604G	Two vertical rows - Due file verticali - Dos filas verticales - Deux files verticales - Zwei vertikale Reihen	16,7



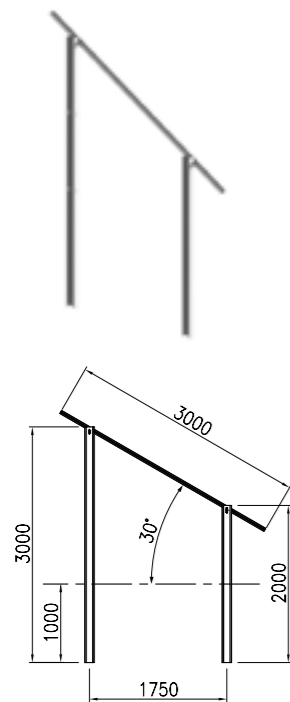


30° TWO ROW TRIANGLE

TRIANGOLO DUE FILE 30°
TRIÁNGULO DOS FILAS 30°
TRIANGLE DEUX FILES 30°
DREIECK ZWEI REIHEN 30°

NEW

Cod	Note	Kg
084.106.603G	Two vertical rows - Due file verticali - Dos filas verticales - Deux files verticales - Zwei vertikale Reihen	34,5

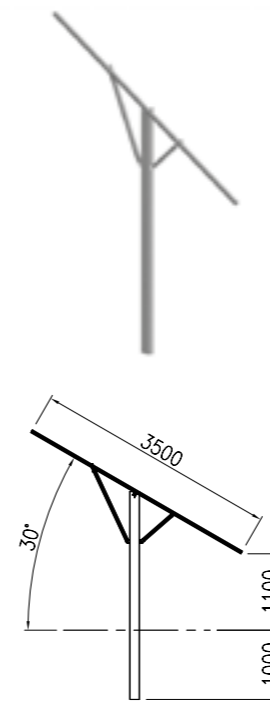


TRIANGLE FOR GROUND INSTALLATIONS

TRIANGOLO PER IMPIANTI A TERRA
TRIÁNGULO PARA INSTALACIONES FIJADAS AL SUELO
TRIANGLE POUR INSTALLATIONS AU SOL
DREIECK FÜR ANLAGEN AUF DEM BODEN

NEW

Cod	Note	Kg
084.106.609G	Two rows of panels - Due file di pannelli - Dos filas de paneles - Deux files de panneaux - Zwei Plattenreihen	32,00

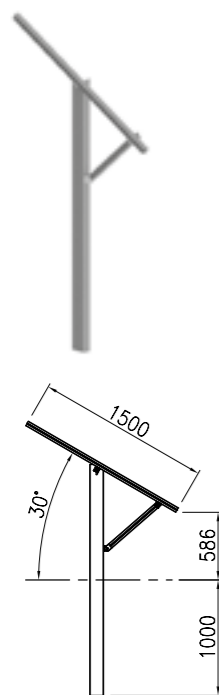


TRIANGLE FOR GROUND INSTALLATIONS

TRIANGOLO PER IMPIANTI A TERRA
TRIÁNGULO PARA INSTALACIONES FIJADAS AL SUELO
TRIANGLE POUR INSTALLATIONS AU SOL
DREIECK FÜR ANLAGEN AUF DEM BODEN

NEW

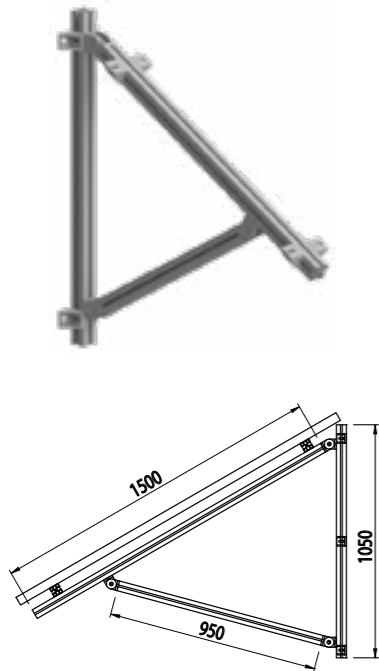
Cod	Note	Kg
084.106.608G	One row of panels - Una fila di pannelli - Una fila de paneles - Une files de panneaux - Eine Plattenreihen	15,1





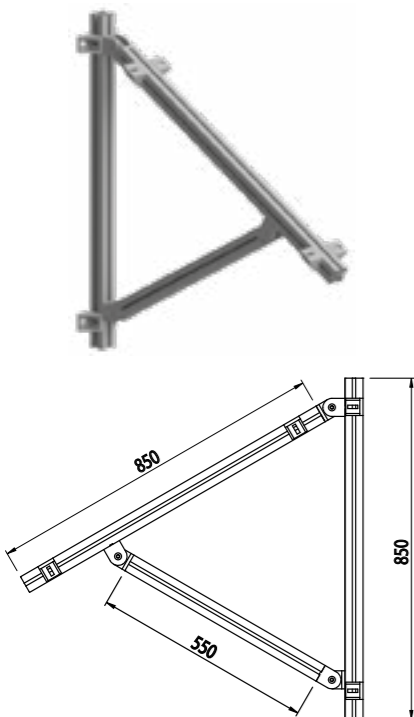
TRIANGLE FOR SHELTER
TRIANGOLO PER PENSILINA
TRIÁNGULO PARA MARQUESINA
TRIANGLE POUR AUVENT
DREIECK FÜR ÜBERDACHUNG

Cod	Note	Kg
084.106.501G	Triangle for shelter - Triangolo per pensilina - Triángulo para marquesina - Triangle pour auvent - Dreieck für Überdachung	7,00



TRIANGLE FOR SHELTER
TRIANGOLO PER PENSILINA
TRIÁNGULO PARA MARQUESINA
TRIANGLE POUR AUVENT
DREIECK FÜR ÜBERDACHUNG

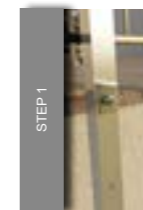
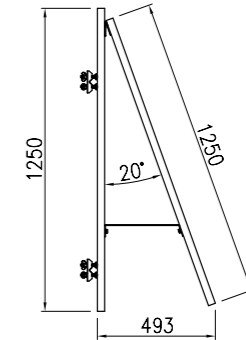
Cod	Note	Kg
084.106.510G	Triangle for shelter - Triangolo per pensilina - Triángulo para marquesina - Triangle pour auvent - Dreieck für Überdachung	7,20



2 TRIANGLES FOR BALCONY INSTALLATIONS
2 TRIANGOLI PER IMPIANTI A BALCONE
2 TRIÁNGULOS PARA INSTALACIONES CON BALCÓN
2 TRIANGLES POUR INSTALLATIONS DE BALCON
2 DREIECKEN FÜR ANLAGEN MIT BALKON

NEW

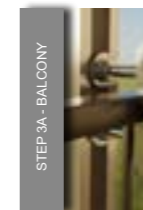
Cod	Note	Kg
084.106.200G	Kit 1 panel for railing / Kit 1 pannello a ringhiera / Kit 1 panel de barandilla / Kit 1 panneau de garde-corps / Kit 1 Platte mit Geländer	4



Assemble the holder bracket to fix the angle
Assemblare la staffa di supporto per fissare l'angolo
Montar el soporte para fijar el ángulo
Assembler le support pour fixer l'angle
Montieren Sie die Halterung, um den Winkel zu befestigen



Install the champs to the structure for holding the module
Installare i morsetti alla struttura per sostenere il modulo
Instalar las abrazaderas al marco para apoyar el módulo
Installez les brides au cadre pour soutenir le module
Installieren Sie die Klammern zum Rahmen, um das Modul zu stützen



Attach the hooks to the balcony railings
Attaccare i ganci alle ringhiere del balcone
Coloque los ganchos en las barandillas del balcón
Attachez les crochets aux balustrades du balcon
Haken an Balkongeländern befestigen



Fix to the wall with anchor bolts*
Fissare al muro con bulloni di ancoraggio*
Fijar a la pared con pernos de anclaje*
Fijar a la pared con pernos de anclaje*
Mit Ankerbolzen an der Wand befestigen*

(*) Bolt not provided. Check brick type.

(*) Bullone non fornito. Verificare tipologia di muratura.

(*) Perno no suministrado. Compruebe el tipo de mampostería.

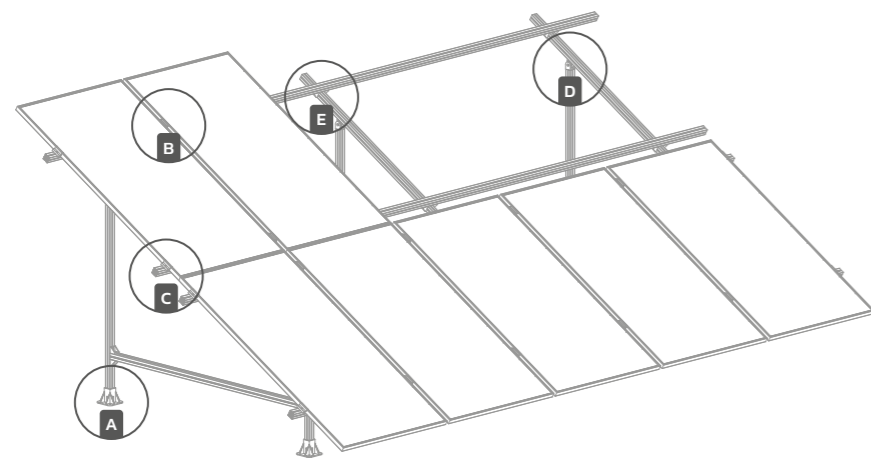
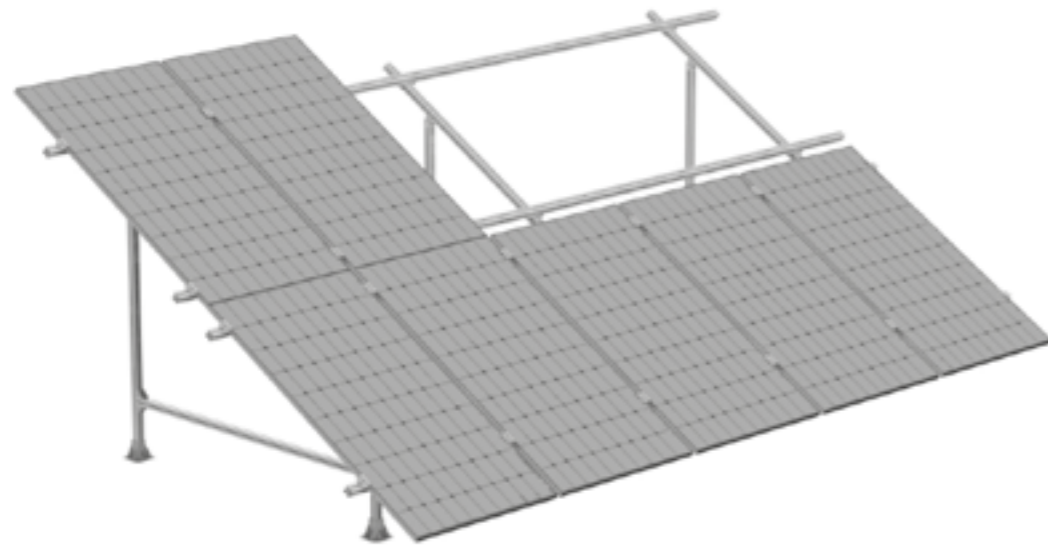
(*) Boulon non fourni. Vérifiez le type de maçonnerie.

(*) Schraube nicht im Lieferumfang enthalten. Prüfen Sie die Art des Mauerwerks.





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

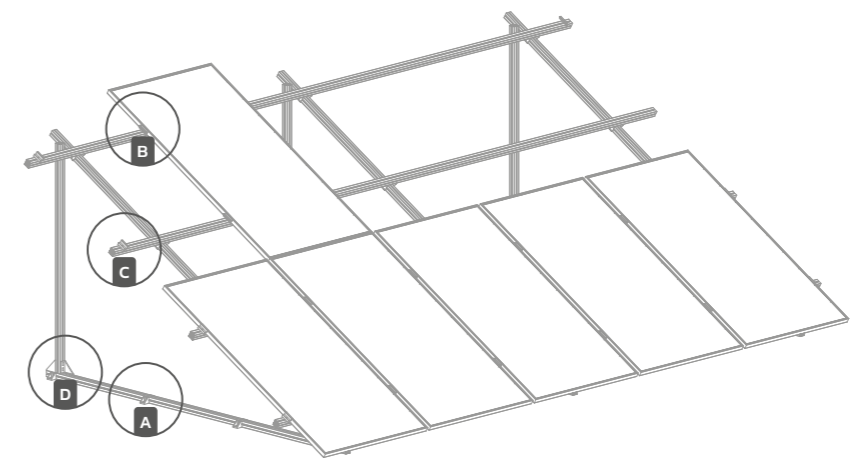
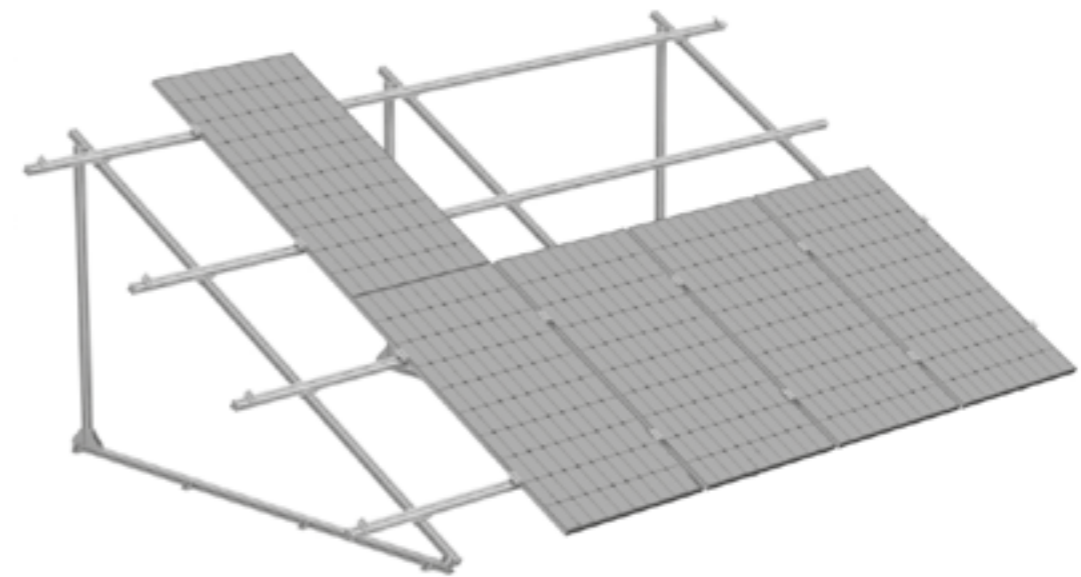
C 084.106.103-30G
END CLIP
 GRAFFETTA D'ESTREMITA'
 GRAPA DE EXTREMO
 AGRAFE D'EXTREMITÉ
 ENDKLAMMER

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
 ANGOLARE 43X43
 ESCUADRA 43X43
 EQUERRE 43X43
 ALUWINKEL 43X43

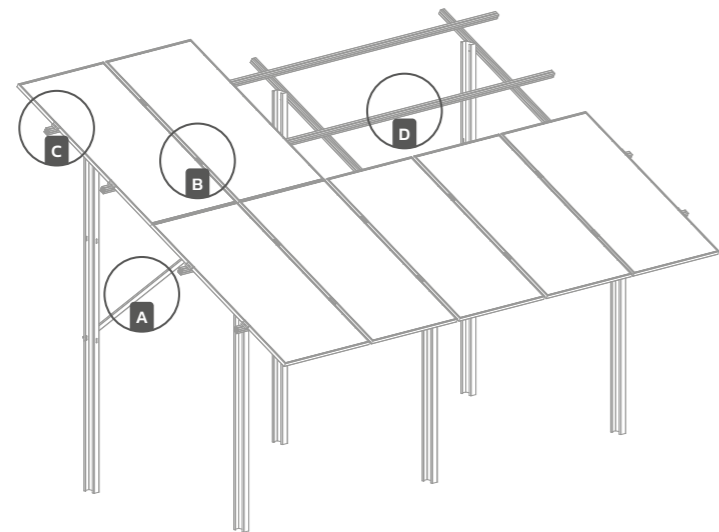
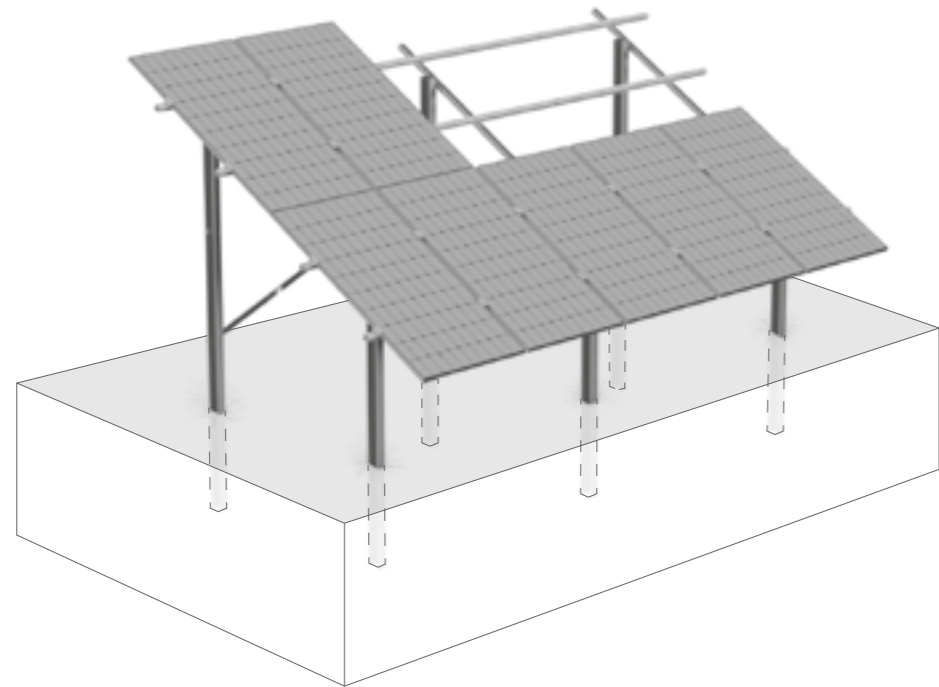
B 084.106.104G
INTERMEDIATE CLIP
 GRAFFETTA INTERMEDIA
 GRAPA INTERMEDIA
 AGRAFE INTERMEDIAIRE
 MITTELKLAMMER

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

D 084.305.033
25X40 BRACKET
 ANGOLARE 25X40
 ESCUADRA 25X40
 EQUERRE 25X40
 ALUWINKEL 25X40



EXAMPLE OF TRIANGLES ASSEMBLY WITH PILLARS
 ESEMPIO DI INSTALLAZIONE TRIANGOLI CON MONTANTI
 EJEMPLO DE MONTAJE TRIANGULOS CON PILARES
 EXEMPLE DE MONTAGE DES TRIANGLES AVEC MONTANTS
 MONTAGEBEISPIEL VON DREIECKE MIT SAULEN



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

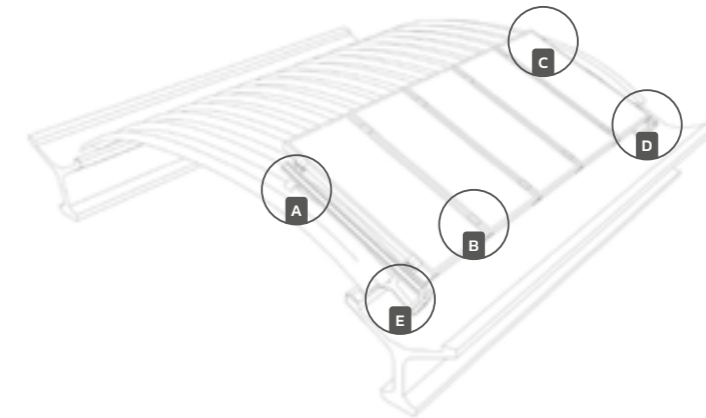
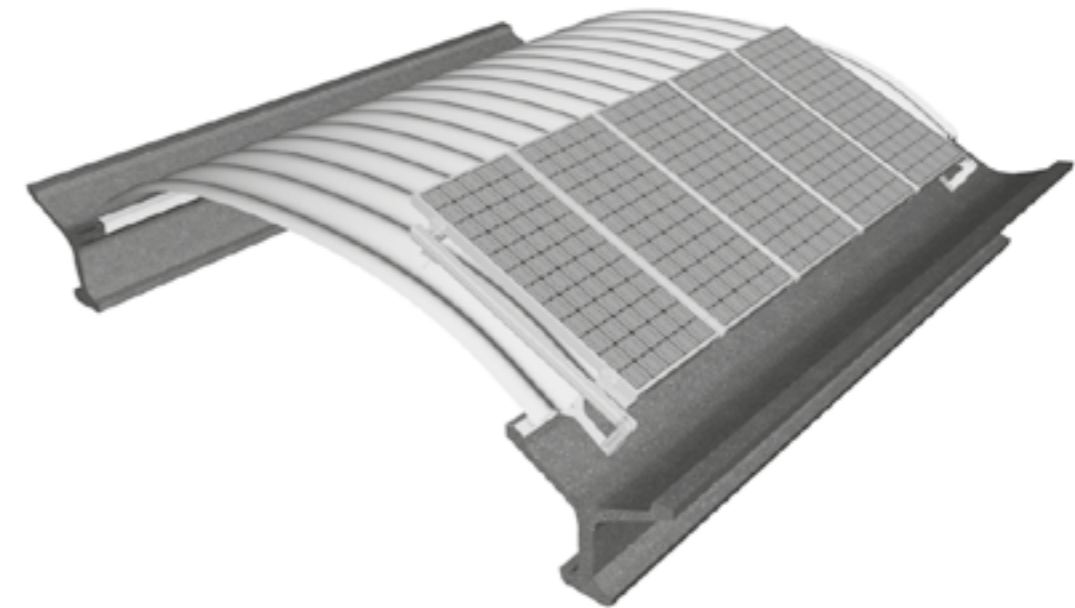
B 084.106.104G
INTERMEDIATE CLIP
 GRAFFETTA INTERMEDIA
 GRAPA INTERMEDIA
 AGRAFE INTERMÉDIAIRE
 MITTELKLAMMER

C 084.106.103-30G
END CLIP
 GRAFFETTA D'ESTREMITA'
 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
 EXEMPLE 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

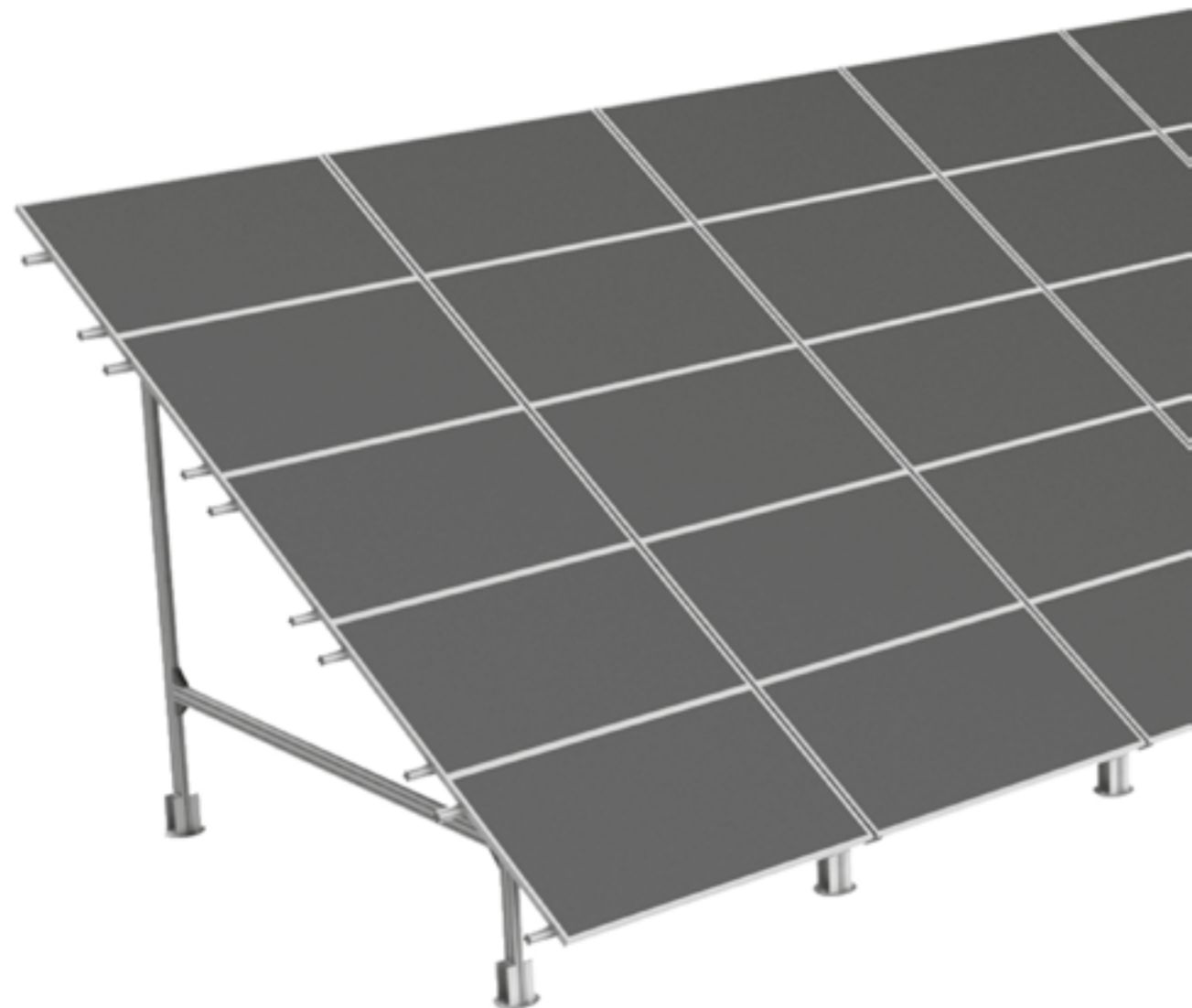
C 084.106.103-30G
END CLIP
 GRAFFETTA D'ESTREMITA'
 GRAPA DE EXTREMO
 AGRAFE D'EXTREMITÉ
 ENDKLAMMER

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

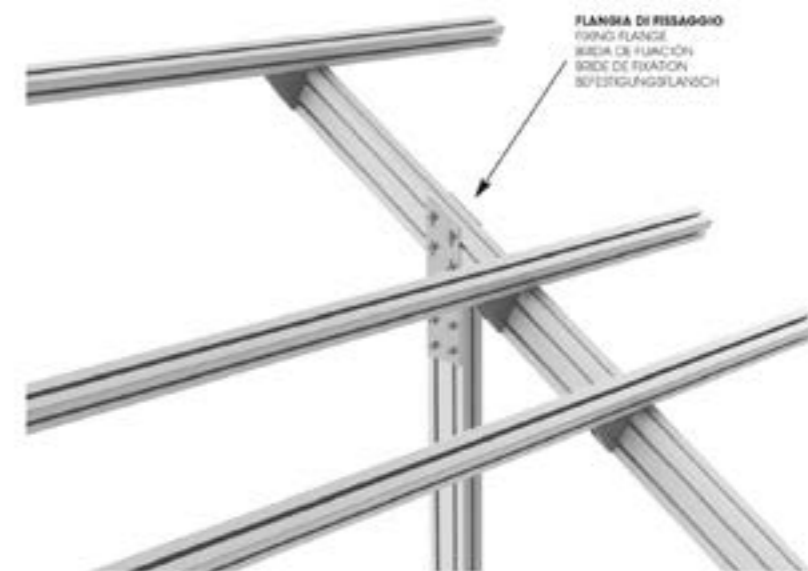
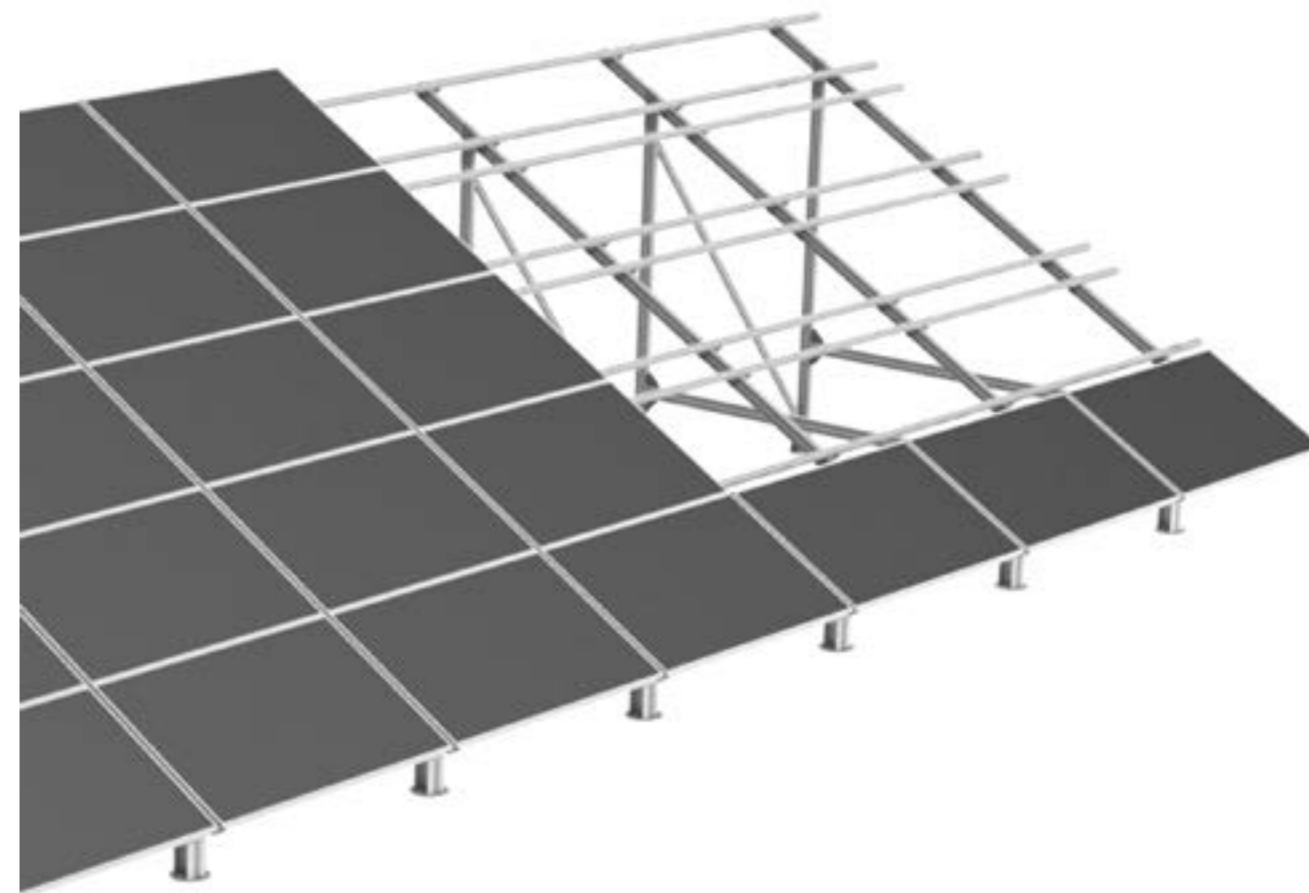
E 084.106.116
BRACKET FOR ROOFS
 STAFFA PER TETTI
 ESTRIBO PARA CUBIERTAS
 BRIDE POUR TOITS
 BÜGEL FÜR DÄCHER



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



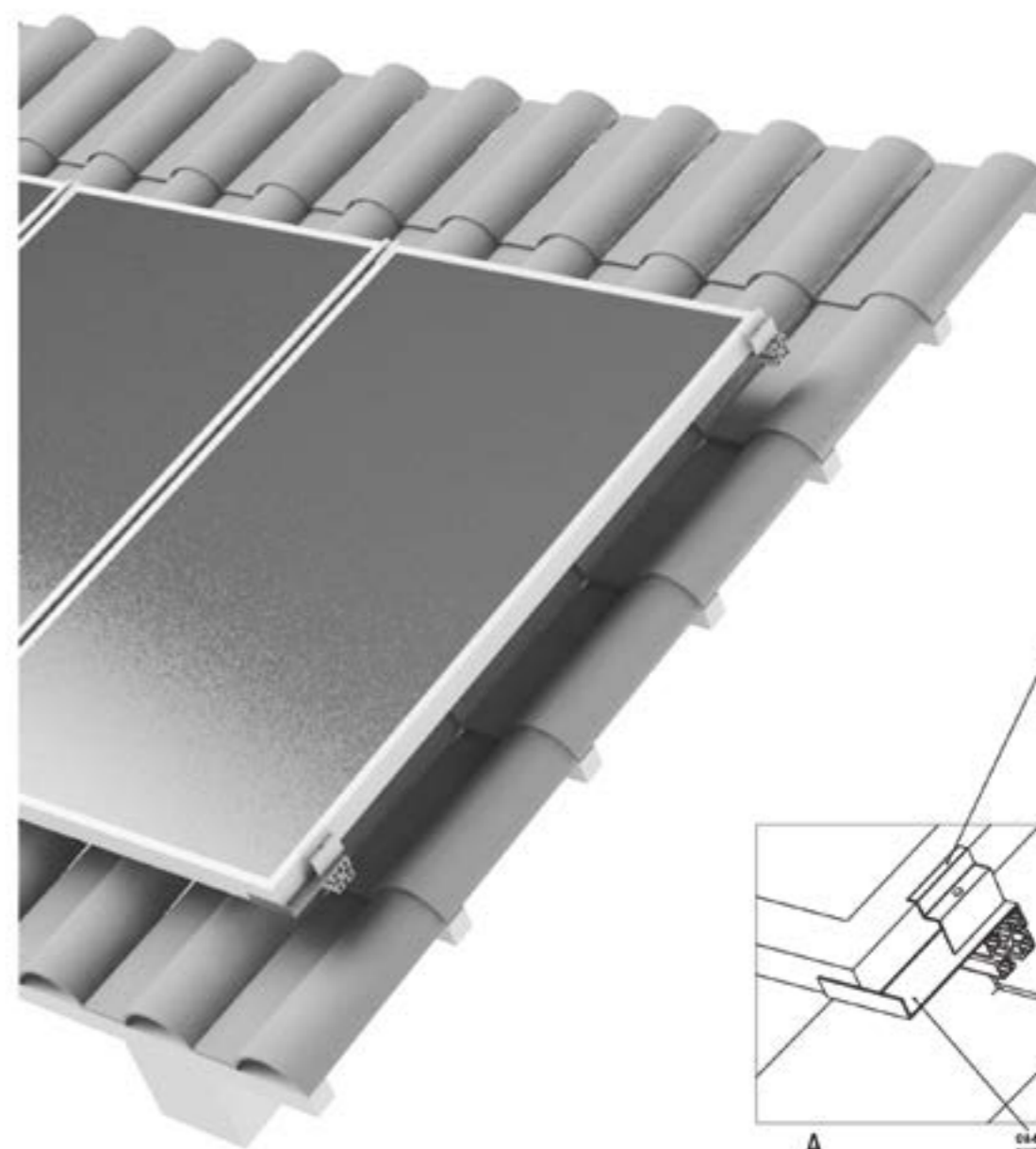
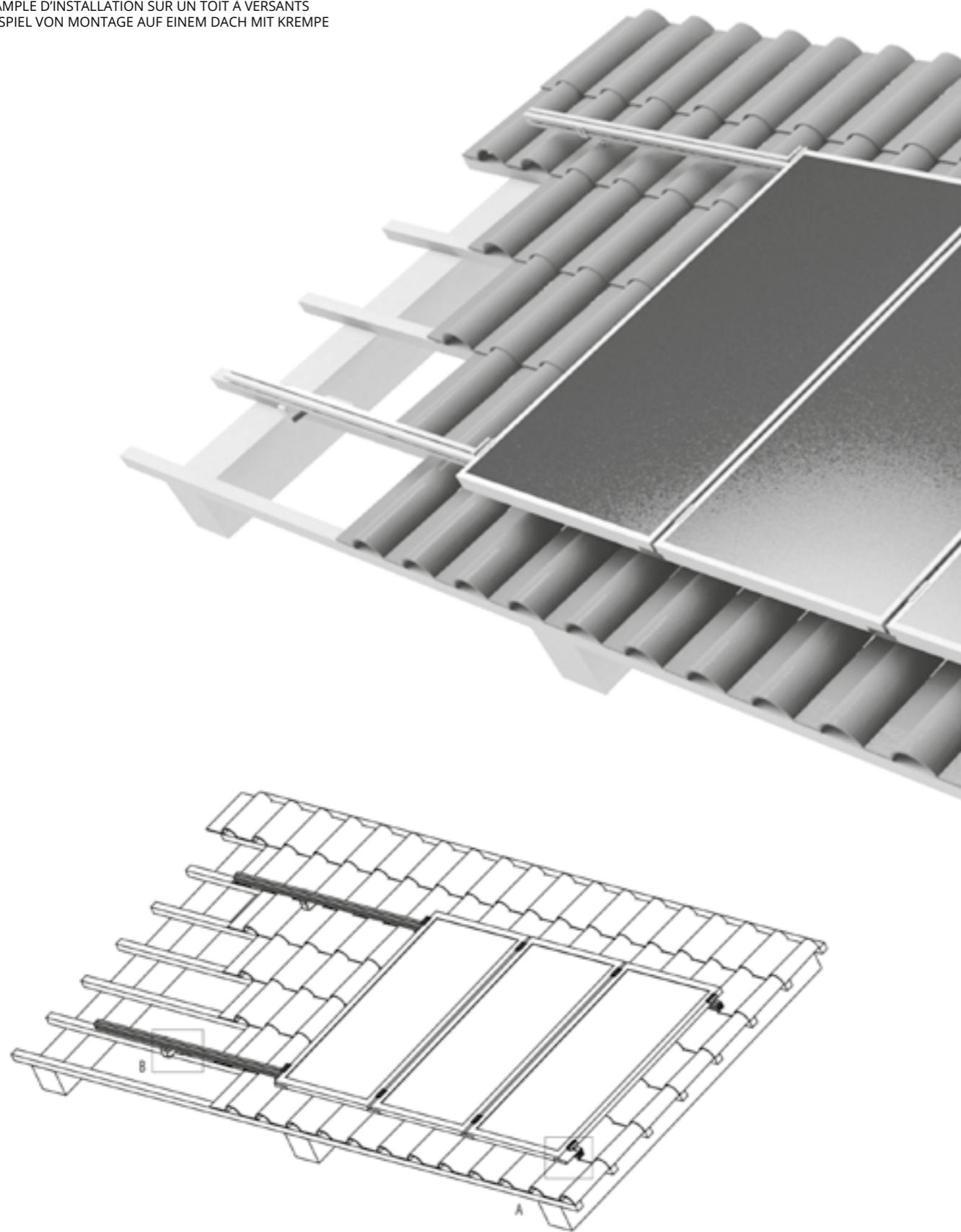
FLANGIA DI FISSAGGIO
 FIXING FLANGE
 BRIDA DE FIJACION
 BRÛT DE FIXATION
 BEFESTIGUNGSLANSCH



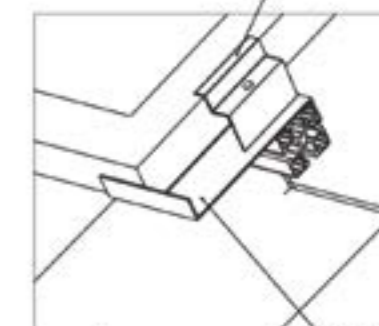


EXAMPLE OF INSTALLATION ON A PITCHED ROOF

ESEMPI DI INSTALLAZIONE SU TETTO A FALDE
EJEMPLO DE INSTALACION EN UN TECHUMBRE A AGUAS
EXEMPLE D'INSTALLATION SUR UN TOIT À VERSANTS
BEISPIEL VON MONTAGE AUF EINEM DACH MIT KREMPE

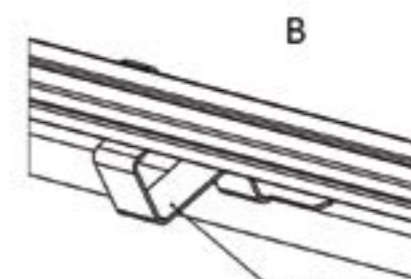


084.106.103G
GRAFFETTA D'ESTREMITÀ
END CLIP
GRAPA DE EXTREMO
AGARE D'EXTREMITÉ
ENDCLAMMER



A

084.106.107
SUPPORTO FERMA PANNELLI
PANEL STOP SUPPORT
SOPORTS DE RETENCIÓN PARA PANELES
SUPPORT DE PANNEAUX
HALTUNG PLATTENSOPFER



B

084.106.178
STAFFA PER TETTI A FAIDA
CLAMP FOR ROOFS
ESTRIBO PARA CUBERTAS
BROCHE POUR TOITS
KOGEL FÜR DÄCHER

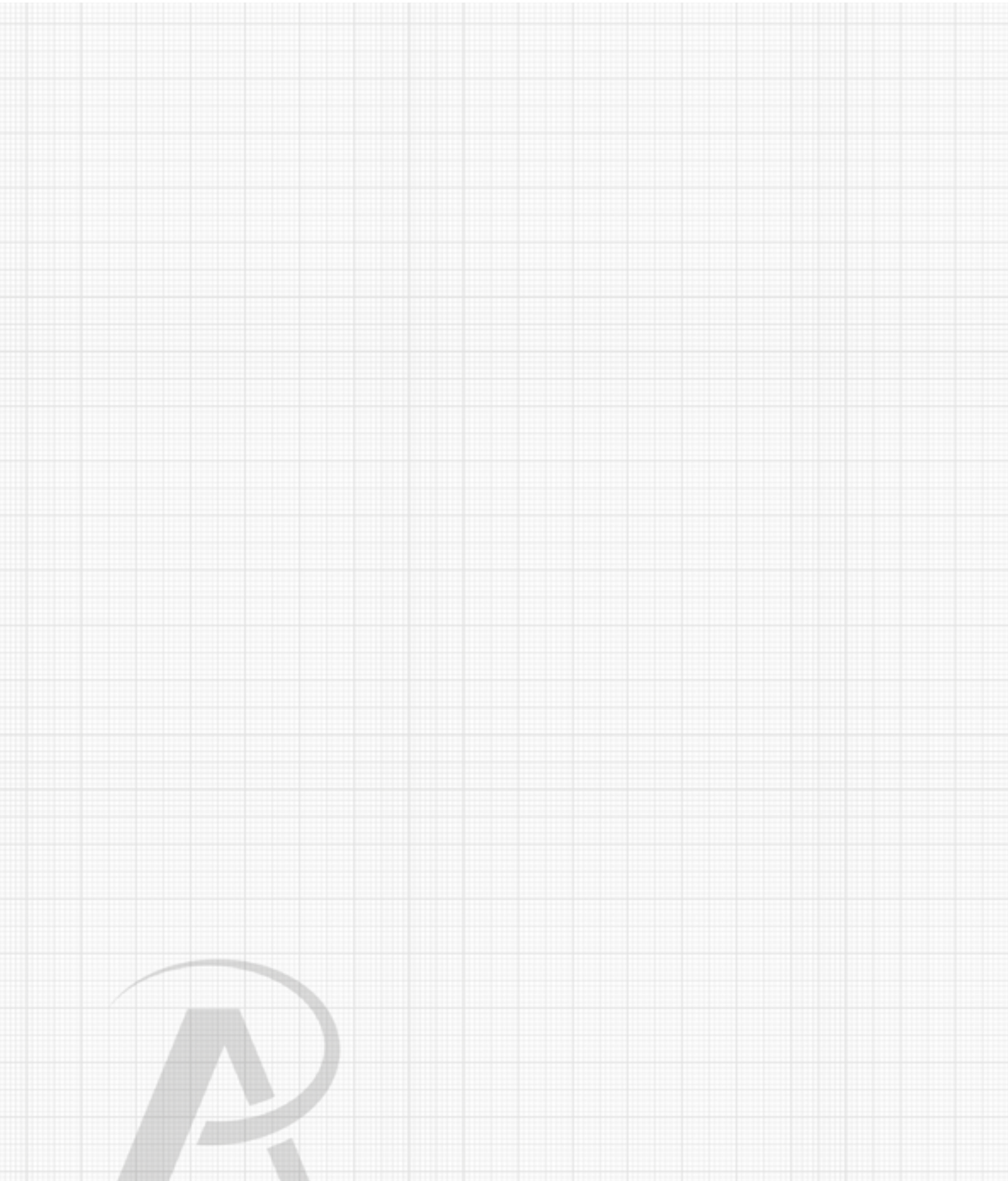


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