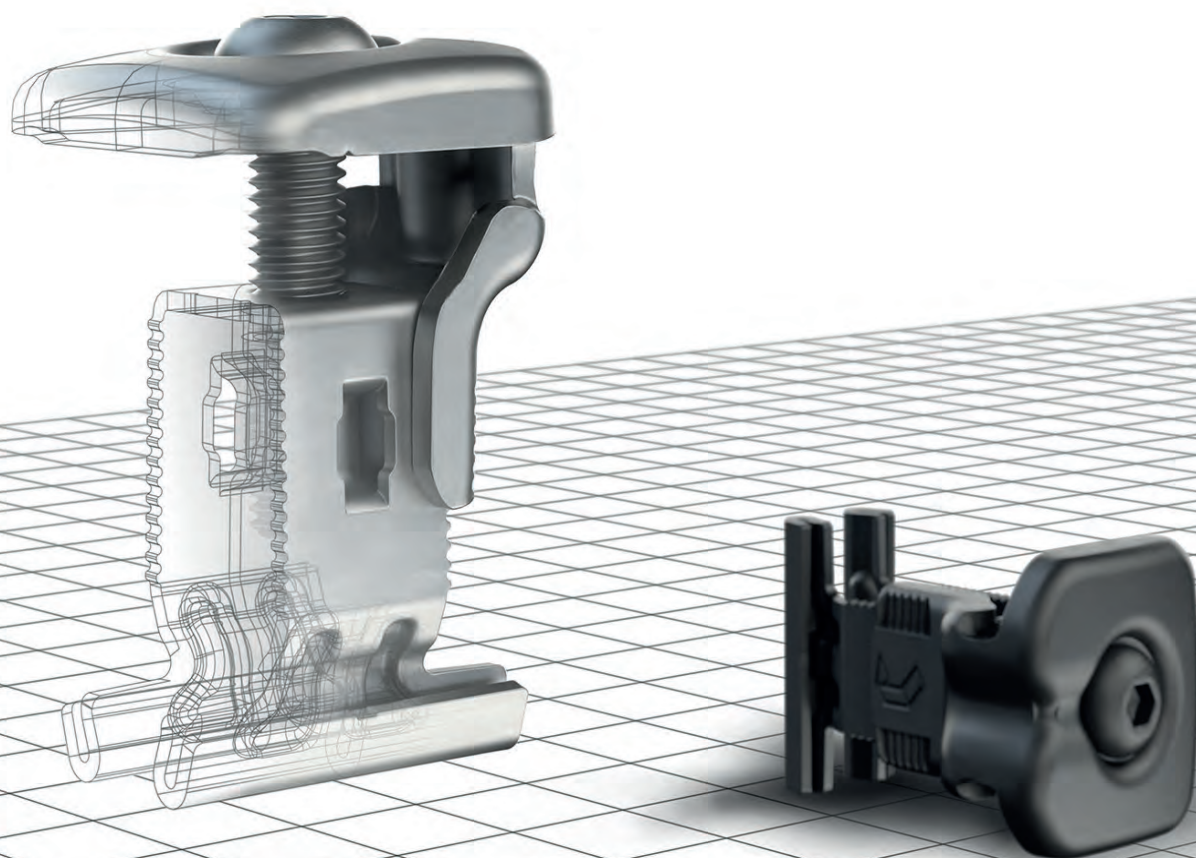


PRODUKTKATALOG  
PRODUCT CATALOG



## DE | Produktkatalog

Gültig ab 24.03.2021 - 31.12.2022

Abbildungen und Texte dienen der Präsentation der Ware.

Änderungen und Irrtümer bleiben bis zur Abgabe der Bestellung durch den Kunden vorbehalten.

Preise ab Lager

## GB | Product catalogue

Valid starting 24.03.2021 - 31.12.2022

Illustrations and texts are used to present the product.

No liability is accepted for changes and errors made before the customer has placed an order.

Price ex works

## FR | Catalogue de produits

Valable à partir du 24.03.2021 - 31.12.2022

Les images et les textes servent à la présentation des produits.

Sous réserve de modifications et d'erreurs jusqu'à la passation de commande par le client.

Prix ex usine

## IT | Catalogo prodotti

Valido dal 24.03.2021 - 31.12.2022

Le figure e i testi sono indicativi.

Con riserva di modifica e di errore fino all'avvenuta ordinazione da parte del cliente.

Il prezzo franco fabbrica

## ES | Catálogo de productos

Válido a partir del 24.03.2021 - 31.12.2022

Las imágenes y textos están destinados a la presentación de la mercancía.

Nos reservamos el derecho a modificaciones y errores hasta la entrega del pedido por parte del cliente

El precio en fábrica



DE		Schrägdach	MS+ / MS+P / VS+
EN		Pitched-roof	MS+ / MS+P / VS+
FR		Toiture inclinée	MS+ / MS+P / VS+
IT		Tetti inclinati	MS+ / MS+P / VS+
ES		Tejado oblicuo	MS+ / MS+P / VS+

Schrägdach / Pitched roof



DE		Flachdach	FS10-EW / FS-S / CS+
EN		Flat-roof	FS10-EW / FS-S / CS+
FR		Toitures plates	FS10-EW / FS-S / CS+
IT		Tetti piani	FS10-EW / FS-S / CS+
ES		Tejado plano	FS10-EW / FS-S / CS+



Flachdach / Flat roof



DE		Indach	ISSE
EN		In-roof	ISSE
FR		Intégration	ISSE
IT		Integrazione	ISSE
ES		Integrado en cubierta	ISSE

Indach / Roof integrated



DE		Zubehör
EN		Accessoires
FR		Accessoires
IT		Accessori
ES		Accesorio



DE		Muster
EN		Samples
FR		Echantillon
IT		Campioatura
ES		Muestra

Zubehör / Accessories



DE		Aktualisierte Information
EN		Updated information
FR		Informations mises à jour
IT		Informazioni aggiornate
ES		Información actualizada






DE		Neues Produkt
EN		New product
FR		Nouveau produit
IT		Nuovo prodotto
ES		Producto nuevo

# DEDICATED TO METAL

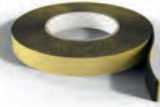


***MS+/MS+ P***



	D	MetaSole+ Blechstärke Stahl 0,40-1,25 mm; Alu 0,50-2,00 mm	Item No. 420402
	UK	MetaSole+ metal sheet thickness: steel 0.40-1.25mm; alu 0.50-2.00 mm	
	F	MetaSole+ Epaisseur de tôle; acier 0,40 - 1,25 mm; alu 0,50 - 2,00 mm	
	I	MetaSole+ Spessore lamiera; acciaio 0,40 - 1,25 mm; allu 0,50 - 2,00 mm	
	E	MetaSole+ Grosiores: acero 0,40 - 1,25 mm; alu 0,50 - 2,00 mm	
	D	MetaSole+ Blechstärke: Stahl 0,75 ETN Zertifikat	Item No. 420405
	UK	MetaSole+ metal sheet thickness: steel 0.75 ETN Certification	
	F	MetaSole+ Epaisseur de tôle: acier 0,75 mm; Certification ETN	
	I	MetaSole+ Spessore lamiera: acciaio 0,75 mm; Certificato ETN	
	E	MetaSole+ Grosiores: acero 0,75 mm; certificación ETN	
	D	MetaSole+ Klemmfuß mit Nieten ab 0,50 - 2,00 mm	Item No. 420406
	UK	MetaSole+ foot with rivets from 0.50 - 2,00 mm	
	F	MetaSole+ pied avec rivets 0,50 - 2,00 mm	
	I	MetaSole+ piede con rivetti 0,50 - 2,00 mm	
	E	MetaSole+ pie con remaches 0,50 - 2,00 mm	
	D	MS+ Adapter Wellblech Radius 24	Item No. 420401
	UK	MS+ Adapter corrugated sheet radius 24	
	F	MS+ Adaptateur tôle ondulée rayon 24	
	I	MS+ Adattatore lamiera ondulata raggio 24	
	E	MS+ Adaptador chapa ondulada radio 24	
	D	MS+ Wellblech Radius 24	Item No. 420411
	UK	MS+ corrugated sheet radius 24	
	F	MS+ tôle ondulée rayon 24	
	I	MS+ lamiera ondulata raggio 24	
	E	MS+ chapa ondulada radio 24	
	D	MS+ Portrait (Set)	Item No. 420420
	UK	MS+ Portrait (Set)	
	F	MS+ Portrait	
	I	MS+ Verticale	
	E	MS+ Formato alto	
	D	MS+ Portrait Niete (Set)	Item No. 420422
	UK	MS+ Portrait Rivet (Set)	
	F	MS+ Portrait rivets (SET)	
	I	MS+ Verticale rivetti (SET)	
	E	MS+ Formato alto remanches (SET)	
	D	MS+ Portrait 400 mm (Set)	Item No. 420421
	UK	MS+ Portrait 400 mm (Set)	
	F	MS+ Portrait 400 mm	
	I	MS+ Verticale 400 mm	
	E	MS+ Formato alto 400 mm	



	D MS+ Portrait 3600mm ohne EPDM	Item No. 400405
	UK MS+ Portrait 3600 mm without EPDM	
	F MS+ Portrait 3600 mm sans EPDM	
	I MS+ Verticale 3600 mm senza EPDM	
	E MS+ Formato alto 3600 mm sin EPDM	
	D MS+ Portrait 4200 mm ohne EPDM	Item No. 400406
	UK MS+ Portrait 4200 mm without EPDM	
	F MS+ Portrait 4200 mm sans EPDM	
	I MS+ Verticale 4200 mm senza EPDM	
	E MS+ Formato alto 4200 mm sin EPDM	
	D MS+ H (Set)	Item No. 420423
	UK MS+ H (Set)	
	F MS+ H (Set)	
	I MS+ H (Set)	
	E MS+ H (Set)	
	D EPDM Rolle 5m für MS+ Portrait	Item No. 300224
	UK EPDM Roll 5m for MS+ Portrait	
	F Rouleau EPDM 5 m pour MS+ Portrait	
	I Rotolo EPDM 5 m per MS+ Verticale	
	E Rollo EPDM 5m para MS+ Formato alto	
	D Bohrschraube 5,5 x 25 SW8 E16	Item No. 400301
	UK Self drilling screw 5,5 x 25 SW8 E16	
	F Vis autoforeuse 5,5 x 25 SW8 E16	
	I Vite autoforante 5,5 x 25 SW8 E16	
	E Tornillo taladrador 5,5 x 25 SW8 E16	
	D Bohrschraube Faynot P1 6,3 x 38	Item No. 900122
	UK Self drilling screw Faynot P1 6,3 x 38	
	F Vis autoforeuse Faynot P1 6,3 x 38	
	I Vite autoforante Faynot P1 6,3 x 38	
	E Tornillo taladrador Faynot P1 6,3 x 38	
	D Niete 6,4x14	Item No. 900270
	UK Rivets 6,4x14	
	F Rivets 6,4x14	
	I Rivetti 6,4x14	
	E Remaches 6,4x14	

# VS+ Allrounder on pitched roofs











**VS+**



	D Dachhaken RH1 (ohne Holzschraube)	Item No. 420171
	UK Roof hook RH1 (without wood screw)	
	F Crochet de toit RH1 (sans vis)	
	I Staffa RH1 (senza vite de lengo)	
	E Gancho para cubierta RH1 (sin tornillo)	
	D Dachhaken Aluminium Standard (ohne Holzschraube)	Item No. 420151
	UK Roof hook aluminium (without wood screw)	
	F Crochet de toit aluminium (sans vis)	
	I Staffa alluminio (senza vite da legno)	
	E Gancho salvatejas Aluminio (sin tornillo de madera)	
	D Dachhaken Aluminium verstellbar 100mm (ohne Holzschraube)	Item No. 420161
	UK Roof hook aluminium adjustable 100 mm (without wood screw)	
	F Crochet de toit aluminium réglable 100 mm (sans vis)	
	I Staffa alluminio. regolabile 100 mm (senza vite da legno)	
	E Gancho salvatejas Aluminio ajustable 100 mm (sin tornillo de madera)	
	D Dachhaken Aluminium Beton Basic 90°	Item No. 920003
	UK Roof hook Alu Concrete Basic 90°	
	F Crochet de toit aluminium béton basic 90°	
	I Staffa alluminio Calcestruzzo 90°	
	E Gancho salvatejas Aluminio Hormigón 90°	
	D Dachhaken Edelstahl (ohne Holzschraube)	Item No. 420150
	UK Roof hook stainless steel (without wood screw)	
	F Crochet de toit acier inoxydable (sans vis)	
	I Staffa acciaio inossidabile (senza vite da legno)	
	E Gancho salvatejas acero inoxidable (sin tornillo de madera)	
	D Dachhaken Biber Standard (ohne Holzschraube)	Item No. 420153
	UK Roof hook for plain tiles Standard (without wood screw)	
	F Crochet de toit tuile plate standard (sans vis)	
	I Staffa Coda di castoro Standard (senza vite da legno)	
	E Gancho para tejas planas estándar (sin tornillo de madera)	
	D Dachhaken Biber 90° (ohne Holzschraube)	Item No. 420154
	UK Roof hook for plain tiles 90° (without wood screw)	
	F Crochet de toit tuile plate 90° (sans vis)	
	I Staffa Coda di castoro 90° (senza vite da legno)	
	E Gancho para tejas planas 90° (sin tornillo de madera)	
	D Dachhaken Schiefer (ohne Holzschraube)	Item No. 420155
	UK Roof hook for slate tiles (without wood screw)	
	F Crochet de toit ardoise (sans vis)	
	I Staffa Ardesia (senza vite da legno)	
	E Gancho para tejas de pizarra (sin tornillo de madera)	






	<b>D</b> Dachhaken Edelstahl Aufdachdämmung (ohne Holzschraube)	<b>Item No.</b> 420160
	<b>UK</b> Roof hook stainless steel on-roof insulation (without wood screw)	
	<b>F</b> Crochet en acier inox pour toiture avec isolation (sans vis)	
	<b>I</b> Staffa acciaio inossidabile per tetto con isolamento (senza vite)	
	<b>E</b> Gancho salvatejas para aislamiento sobre cubierta (sin tornillo)	
	<b>D</b> Dachhaken UK Dachpfanne (ohne Holzschraube)	<b>Item No.</b> 420180
	<b>UK</b> Roof hook UK Pantile (without wood screw)	
	<b>F</b> Crochet de toit UK tuile (sans vis)	
	<b>I</b> Staffa tegola UK, staffa (senza vite da legno)	
	<b>E</b> Gancho para cubierta de tejas UK (sin tornillo de madera)	
	<b>D</b> Dachhaken UK Biber/Schiefer (ohne Holzschraube)	<b>Item No.</b> 420181
	<b>UK</b> Roof hook UK Plain tiles/slates (without wood screw)	
	<b>F</b> Crochet de toit UK tuile plate/ardoise (sans vis)	
	<b>I</b> Staffa tegole piane/ardesia UK (senza vite da legno)	
	<b>E</b> Gancho para cubierta de pizarra UK (sin tornillo de madera)	
	<b>D</b> Dachhaken UK Biber/Schiefer HL (ohne Holzschraube)	<b>Item No.</b> 420184
	<b>UK</b> Roof hook UK Plain tiles/slates HL (without wood screw)	
	<b>F</b> Crochet de toit UK tuile plate/ardoise HL (sans vis)	
	<b>I</b> Staffa tegole piane/ardesia UK HL (senza vite da legno)	
	<b>E</b> Gancho para cubierta de pizarra UK HL (sin tornillo de madera)	
	<b>D</b> Dachhaken UK Flexibel (ohne Holzschraube)	<b>Item No.</b> 420182
	<b>UK</b> Roof hook UK Flexible (without wood screw)	
	<b>F</b> Crochet de toit UK flexible (sans vis)	
	<b>I</b> Staffa UK flessibile (senza vite da legno)	
	<b>E</b> Gancho para cubierta flexible UK (sin tornillo de madera)	
	<b>D</b> Dachhaken UK Flexibel 90° (ohne Holzschraube)	<b>Item No.</b> 420183
	<b>UK</b> Roof hook UK Flexible 90° (without wood screw)	
	<b>F</b> Crochet de toit UK flexible 90° (sans vis)	
	<b>I</b> Staffa UK flessibile 90° (senza vite da legno)	
	<b>E</b> Gancho para cubierta flexible UK 90° (sin tornillo de madera)	
	<b>D</b> Dachhaken ECO Basic (ohne Holzschraube)	<b>Item No.</b> 420165
	<b>UK</b> Roof hook ECO Basic (without wood screw)	
	<b>F</b> Crochet de toit ECO Basic (sans vis)	
	<b>I</b> Staffa Eco Basic (senza vite de lengo))	
	<b>E</b> Gancho para cubierta Eco Basic (sin tornillo de madera)	
	<b>D</b> Dachhaken ECO High (ohne Holzschraube)	<b>Item No.</b> 420166
	<b>UK</b> Roof hook ECO High (without wood screw)	
	<b>F</b> Crochet de toit ECO High (sans vis)	
	<b>I</b> Staffa Eco High (senza vite de lengo))	
	<b>E</b> Gancho para cubierta Eco High (sin tornillo de madera)	



	D	Dachhaken HL (ohne Holzschraube)	Item No.	420170
	UK	Roof hook HL (without wood screw)		
	F	Crochet de toit HL (sans vis)		
	I	Staffa HL (senza vite de lengo)		
	E	Gancho para cubierta HL (sin tornillo)		
	D	Dachhaken Edelstahl Tegola Portoghese (ohne Holzschraube)	Item No.	420158
	UK	Roof hook stainless steel Tegola Portoghese (without wood screw)		
	F	Crochet de toit acier inoxydable Tegola Portoghese (sans vis)		
	I	Staffa acciaio inossidabile Tegola Portoghese (senza vite da legno)		
	E	Gancho salvatejas acero inoxidable Tegola Portoghese (sin tornillos)		
	D	Distanzplatte 2 mm	Item No.	400350
	UK	2-mm spacer plate		
	F	Plaque d'écartement 2 mm		
	I	Piastra distanziale 2mm		
	E	Placa calzadora 2 mm		
	D	Distanzplatte 5 mm	Item No.	400351
	UK	5-mm spacer plate		
	F	Plaque d'écartement 5 mm		
	I	Piastra distanziale 5mm		
	E	Placa calzadora 5 mm		
	D	Holzbohrschraube Linsenkopf 6 x 80/74	Item No.	900305
	UK	Wood screw pan head 6 x 80/74		
	F	Vis à bois tête lenticulaire 6 x 80/74		
	I	Vite da legno testa tonda 6 x 80/74		
	E	Tornillo madera con cabeza convexa 6 x 80/74		
	D	Holzschraube Senkkopf für Schieferdachhaken 6 x 80	Item No.	900013
	UK	Wood screw countersunk 6 x 80		
	F	Vis à bois tête fraisée 6 x 80 pour ardoises		
	I	Vite da legno testa piana per ardesia 6 x 80		
	E	Tornillo madera para teja planas cabeza avellanada 6 x 80		
	D	Holzschraube Tellerkopf 8,0 x 100	Item No.	900129
	UK	Dish-shaped head wood screw with cutting edge 8 x 100		
	F	vis à bois à tête plate avec encoche 8 x 100		
	I	Vite a testa svasata 8 x 100 per pannello truciolare		
	E	Tornillo para madera con cabeza plana y ranura de incisión 8 x 100		
	D	Tellerkopfschraube A2 6,0x120 / TX 30	Item No.	900127
	UK	Dish-shaped wood screw A2 6,0x120 / TX 30		
	F	Vis à bois à tête plate avec encoche A2 6,0x120 / TX30		
	I	Vite a testa svasata 6x120/TX30 per pannello truciolare		
	E	Tornillo para madera con cabeza plana y ranura de incisión 6,0x120/TX30		



	<b>D</b> Holzschraube Tellerkopf 6 x 160	<b>Item No.</b> 900145
	<b>UK</b> Dish-shaped head wood screw with cutting edge 6 x 160	
	<b>F</b> vis à bois à tête plate avec encoche 6 x 160	
	<b>I</b> Vite a testa svasata 6 x 160 per pannello truciolare	
	<b>E</b> Tornillo para madera con cabeza plana y ranura de incisión 6 x 160	
	<b>D</b> Holzschraube Tellerkopf 8,0 x 50	<b>Item No.</b> 900316
	<b>UK</b> Dish-shaped head wood screw with cutting edge 8 x 50	
	<b>F</b> vis à bois à tête plate avec encoche 8 x 50	
	<b>I</b> Vite a testa svasata 8 x 50 per pannello truciolare	
	<b>E</b> Tornillo para madera con cabeza plana y ranura de incisión 8 x 50	
	<b>D</b> Holzschraube Linsenkopf 5 x 30	<b>Item No.</b> 900050
	<b>UK</b> Wood screw mushroom head 5 x 30	
	<b>F</b> Vis à bois tête lenticulaire 5 x 30	
	<b>I</b> Vite da legno testa tonda 5 x 30	
	<b>E</b> Tornillo madera con cabeza convexa 5 x 30	



**1x**
D Dachhaken  
UK Roof hooks  
F Crochet de toit  
I Staffa  
E Gancho de tejado

+ n

D Holzschraube  
UK Wood screw  
F Vis a bois  
I Vite da legno  
E Tornillo de madera

	900305	900013	900129	900127	900145	900050
420171	3x	–	–	2x	2x	–
420151	3x	–	–	2x	2x	–
420161	3x	–	–	2x	2x	–
920003	–	–	2x	–	–	–
420150	3x	–	–	2x	2x	–
420153	2x	–	–	2x	2x	–
420154	2x	–	–	2x	2x	–
420155	–	2x	–	–	–	–
420158	3x	–	–	2x	2x	–
420160	–	–	–	–	–	3x
420165	3x	–	–	–	–	–
420180	2x	–	–	–	–	–
420181	2x	–	–	–	–	–
420182	2x	–	–	–	–	–



**D** Solarbefestiger für Stahlunterkonstruktion

**UK** Solar Fastener for steel substructure

**F** Élément de fixation solaire pour structures porteuses en acier

**I** Fissaggio solare per sottostruttura in acciaio

**E** Fijador solar para subconstrucción de acero

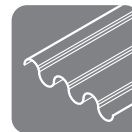
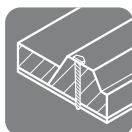
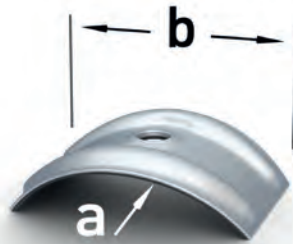
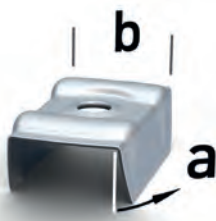
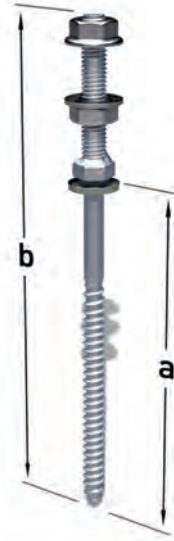
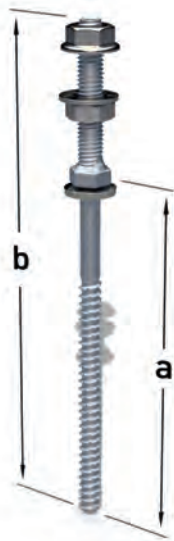
**D** Solarbefestiger für Holzunterkonstruktion

**UK** Solar fastener for wooden substructure

**F** Élément de fixation solaire pour structures porteuses en bois

**I** Fissaggio solare per sottostruttura in legno

**E** Fijador solar para subconstrucción de madera





- D** Stockschraube
- UK** Hanger bolt
- F** Vis double filetage
- I** Vite prigioniera
- E** Tornillo espárrago de doble rosca

	Item No.	a (mm)	b (mm)	Ø
M10 x 200	860006	200	81	Ø9,0/M10
M10 x 250	860021	250	91	Ø9,0/M10
M12 x 250	860007	250	91	Ø11,0/M12
M12 x 300	860017	300	141	Ø11,0/M12
M12 x 350	920136	350	191	Ø11,0/M12
M12 x 400	920137	400	211	Ø11,0/M12



- D** Stockschraube (Anbindung versetzt)
- UK** Hanger bolt (offset connection)
- F** Vis double filetage (fixation décentrée)
- I** Vite prigioniera M10 x 160 (fissaggio decentrato)
- E** Tornillo espárrago de doble rosca (orificio dec.)

	Item No.	a (mm)	b (mm)	Ø
M10x160	920159	160	71	Ø9,0/M10
M10x200	920008	200	81	Ø9,0/M10
M10x250	860022	250	91	Ø9,0/M10
M12x250	920002	250	91	Ø11,0/M12



- D** Solarbefestiger für Stahlunterkonstruktion
- UK** Solar Fastener for steel substructure
- F** Fixation d'équip. solaire p. structure acier
- I** Fissaggio solare per sottostrutture acciaio
- E** Fijador para subestructuras metálicas

	Item No.	a (mm)	b (mm)	Ø
80/50	900181	80	136	Ø8,0/M10
100/50	900182	100	156	Ø8,0/M10
125/50	900183	125	181	Ø8,0/M10
150/50	900184	150	206	Ø8,0/M10
160/50	900185	160	216	Ø8,0/M10
200/50	900186	200	256	Ø8,0/M10



- D** Solarbefestiger für Holzunterkonstruktion
- UK** Solar Fastener for wooden substructure
- F** Fixation d'équip. solaire p. structure de bois
- I** Fissaggio solare per sottostrutture legna
- E** Fijador para subestructuras de madera

	Item No.	a (mm)	b (mm)	Ø
80/50	900187	80	136	Ø8,4/M10
100/50	900188	100	156	Ø8,4/M10
130/50	900189	130	186	Ø8,4/M10
150/50	900190	150	206	Ø8,4/M10
180/50	900191	180	236	Ø8,4/M10
200/50	900192	200	256	Ø8,4/M10



- D** Kalotte für Trapezblech
- UK** Storm washer for trapezoidal sheet
- F** Calotte pour toitures en tôles à ondes trapézoïdales
- I** Calotta per tetti a lamiera grecata
- E** Calota para tejados de chapa trapezoidal

	Item No.	a (mm)	b (mm)
W15/20	900205	15°	20
W15/25	900206	15°	25
W17/40	900207	17°	40
W22/57	900208	22°	57
W24/30	900209	24°	30
W27/25	900210	27°	25
W30/23	900211	30°	23
W32/54	900212	32°	54
W33/37	900213	33°	57
W35/20	900214	35°	20
W35/28	900215	35°	28
W36/40	900216	36°	40
W38/30	900217	38°	30
W40/26	900218	40°	26
W23/34	900219	23°	34



- D** Kalotte für Wellblech
- UK** Storm washer for corrugated sheet
- F** Calotte pour profilés ondulés
- I** Calotta per profilati ondulati
- E** Calota para perfiles ondulados

	Item No.	a (mm)	b (mm)
R24/40	900220	24	40
R32/51	900221	32	51
R48/57	900222	48	57



- D** Schirmdichtung für Solarbefestiger
- UK** EPDM gasket
- F** Joint
- I** Guarnizione
- E** Junta de apantallamiento

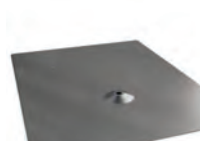
Item No.	Qty.
900193	

	a (mm)	b (mm)
EPDM	8,4	25



- D** Solarbefestigerblech für Bitumenschindel 246x205 mm
- UK** Solar fastener flashing for bitumen shingles 246x205 mm
- F** Tôle de élément de fixation solaire pour bardeaux bitumeux 246x205
- I** Latta per fissaggio solare per tegola bituminosa 246x205
- E** Chapa para fijador solar en placas bituminosas 246x205

Item No.
900203





- D** Solarbefestigerblech für Bitumenschindel 380x280 mm
- UK** Solar fastener flashing for bitumen shingles 380x280 mm
- F** Tôle de élément de fixation solaire pour bardeaux bitumeux 380x280
- I** Latta per fissaggio solare per tegola bituminosa 380x280
- E** Chapa para fijador solar en placas bituminosas 380x280

Item No.
900204








	D	TS+ Schere (SET)	Item No.	420550
	UK	TS+ V-frame (SET)		
	F	TS+ Support en ciseaux (SET)		
	I	TS+ Staffa a forbice (SET)		
	E	TS+ Perfil articulado (SET)		


	D	TS+ Stütze		
	UK	TS+ Support		
	F	TS+ Colonne		
	I	TS+ Puntello		
	E	TS+ Soporte		

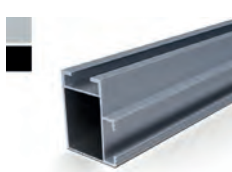
	Item No.	Aufständigungswinkel/Angle of elevation
10°	400552	10°
15°	400553	15°
20°	400554	20°
25°	400555	25°
30°	400556	30°
35°	400557	35°

	D	TS+ L-Profil Querverstrebung (SET)	Item No.	420600
	UK	TS+ L-Profile cross striving profile (SET)		
	F	TS+ Renfort L-profilé croisé complet(SET)		
	I	TS+ L-Profili controvento completi (SET)		
	E	TS+ L-profil esfuerzo (SET)		

	D	TS+ L-Profil Querverstrebung 1900mm (SET)	Item No.	420601
	UK	TS+ L-Profile cross striving profile 1900mm(SET)		
	F	TS+ Renfort L-profilé croisé complet 1900mm(SET)		
	I	TS+ L-Profili controvento completi 1900mm (SET)		
	E	TS+ L-profil esfuerzo 1900mm(SET)		

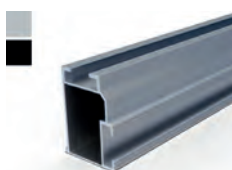
	D	Kreuzschienenverbinder+	Item No.	420083
	UK	Cross rail connector+		
	F	Raccord perpendiculaire+		
	I	Connettore perpendicolare+		
	E	Carril de unión perpendicular+		

	D	Kreuzschienenverbinder+ (schwarz)	Item No.	420083-BE
	UK	Cross rail connector+ (black)		
	F	Raccord perpendiculaire+ (noir)		
	I	Connettore perpendicolare+ (nero)		
	E	Carril de unión perpendicular+ (negro)		



- D** VS+ Montageschiene 41x35
- UK** VS+ Mounting rail 41x35
- F** VarioSole+ Profilé de montage 41x35
- I** VarioSole+ Guida alluminio 41x35
- E** VarioSole+ Perfil base 41x35

Item No.	Länge/Length	Farbe/Colour
400523	2250	Blank/Blank
400523-B	2250	Schwarz/Black
400524	3300	Blank/Blank
400524-B	3300	Schwarz/Black
400525	4400	Blank/Blank
400525-B	4400	Schwarz/Black
400513	6200	Blank/Blank
400519	Zuschnitt/Custom cut	Blank/Blank
400519-B	Zuschnitt/Custom cut	Schwarz/Black



- D** VS+ Montageschiene 50x37
- UK** VS+ Mounting rail 50x37
- F** VarioSole+ Profilé de montage 50x37
- I** VarioSole+ Guida alluminio 50x37
- E** VarioSole+ Perfil base 50x37


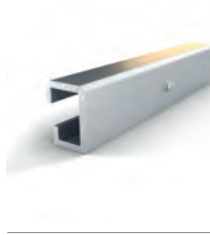





Item No.	Länge/Length	Farbe/Colour
400527	2250	Blank/Blank
400527-B	2250	Schwarz/Black
400528	3300	Blank/Blank
400528-B	3300	Schwarz/Black
400529	4400	Blank/Blank
400529-B	4400	Blank/Blank
400506	6200	Blank/Blank
400509	Zuschnitt/Custom cut	Blank/Blank
400509-B	Zuschnitt/Custom cut	Schwarz/Black



- D** VS+ Montageschiene 60 x 38 x 3300 mm
- UK** VS+ Mounting rail 60 x 38 x 3300 mm
- F** VS+ Profilé de montage 60 x 38 x 3300 mm
- I** VS+ Guida alluminio 60 x 38 x 3300 mm
- E** VS+ Perfil base 60 x 38 x 3300 mm

Item No.  
400535



	D	VS+ Schienenverbinder 41 x 35	Item No.	400531
	UK	VS+ Rail connector 41 x 35		
	F	VS+ Raccord de profilés de montage 41 x 35		
	I	VS+ Connettore per guida 41 x 35		
	E	VS+ Carril de unión para perfil 41 x 35		
	D	VS+ Schienenverbinder 50 x 37	Item No.	400532
	UK	VS+ Rail connector 50 x 37		
	F	VS+ Raccord de profilés de montage 50 x 37		
	I	VS+ Connettore per guida 50 x 37		
	E	VS+ Carril de unión para perfil 50 x 37		
	D	VS+ Schienenverbinder 60 x 38	Item No.	400533
	UK	VS+ Rail connector 60 x 38		
	F	VS+ Raccord de profilés de montage 60 x 38		
	I	VS+ Connettore per guida 60 x 38		
	E	VS+ Carril de unión para perfil 60 x 38		
	D	Abschlusskappe LINKS / RECHTS (grau ) 50x37	Item No.	920044
	UK	End Cap RIGHT / LEFT (grey) 50x37		
	F	Capuchon de rail DROITE / GAUCHE (gris) 50x37		
	I	Tappo DESTRO / SINISTRO (grigio) 50x37		
	E	Embellecedor lateral DERCHO / IZQUIERDO (gris) 50x37		
	D	Abschlusskappe LINKS / RECHTS (schwarz ) 50x37	Item No.	920043
	UK	End Cap RIGHT / LEFT (black) 50x37		
	F	Capuchon de rail DROITE / GAUCHE (noir) 50x37		
	I	Tappo DESTRO / SINISTRO (nero) 50x37		
	E	Embellecedor lateral DERCHO / IZQUIERDO (negro) 50x37		
	D	Abdeckkappe VS+ Montageschiene 41x35 grau	Item No.	900246
	UK	Cap VS+ Mounting rail 41x35 (grey)		
	F	Capuchon VS+ Profilé de montage 41x35 (gris)		
	I	Tappo di copertura VS+ Guida alluminio 41x35 (grigio)		
	E	Tapa de cobertura VS+ Perfil base 41x35 (gris)		
	D	Abdeckkappe VS+ Montageschiene 41x35 (schwarz)	Item No.	900245
	UK	Cap VS+ Mounting rail 41x35 (black)		
	F	Capuchon VS+ Profilé de montage 41x35 (noir)		
	I	Tappo di copertura VS+ Guida alluminio 41x35 (nero)		
	E	Tapa de cobertura VS+ Perfil base 41x35 (negro)		

# Aim for the sun!

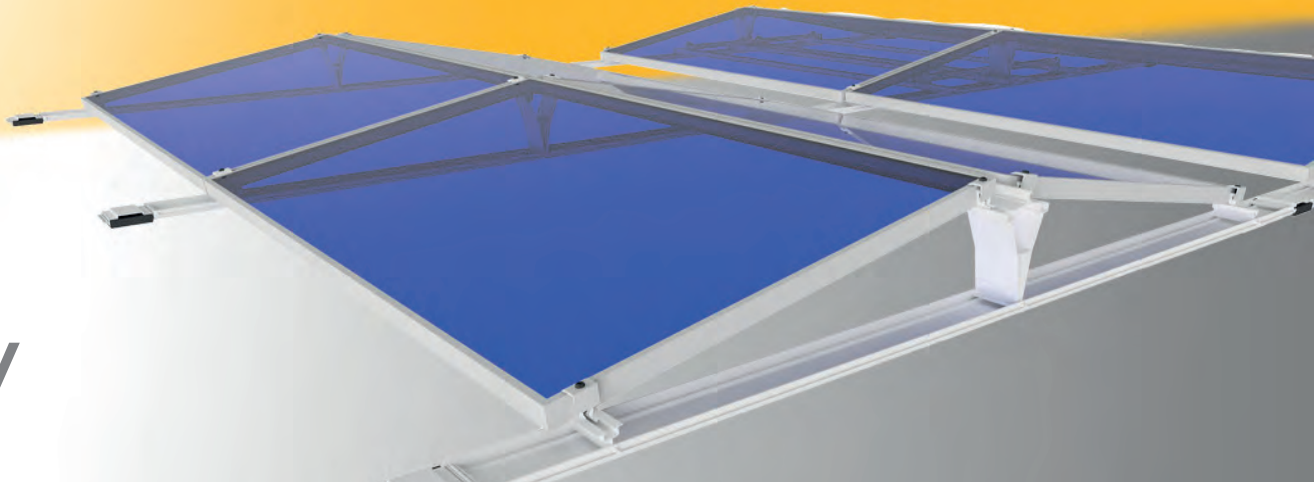
**FS10-S**



**FS18-S**



**FS10-EW**


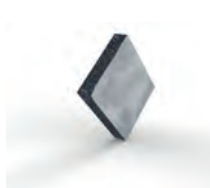
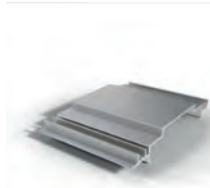
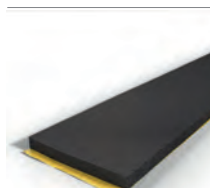
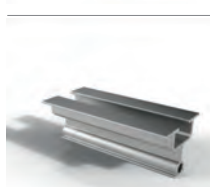
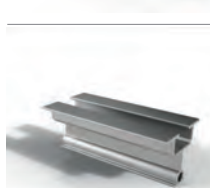



**FS 10/18-S FS 10-EW**

	D	Bodenschiene FS10-S 1389 mm	Item No.	500400
	UK	Base rail FS10-S 1389 mm		
	F	Rail de montage FS10-S 1389 mm		
	I	Guida di supporto FS10-S 1389 mm		
	E	Perfil de montaje FS10-S 1389 mm		
	D	Bodenschiene FS10-S 1639 mm	Item No.	500402
	UK	Base rail FS10-S 1639 mm		
	F	Rail de montage FS10-S 1639 mm		
	I	Guida di supporto FS10-S 1639 mm		
	E	Perfil de montaje FS10-S 1639 mm		
	D	Bodenschiene FS10-S XL 1639 mm	Item No.	500409
	UK	Base rail FS10-S XL 1639 mm		
	F	Rail de montage FS10-S XL 1639 mm		
	I	Guida di supporto FS10-S XL 1639 mm		
	E	Perfil de montaje FS10-S XL 1639 mm		
	D	Bodenschiene FS18-S XL 1739 mm	Item No.	500505
	UK	Base rail FS18-S 1739 XL mm		
	F	Rail de montage FS18-S XL 1739 mm		
	I	Guida di supporto FS18-S XL 1739 mm		
	E	Perfil de montaje FS18-S XL 1739 mm		
	D	Bodenschiene FS18-S XL 1989 mm	Item No.	500506
	UK	Base rail FS18-S 1989 XL mm		
	F	Rail de montage FS18-S XL 1989 mm		
	I	Guida di supporto FS18-S XL 1989 mm		
	E	Perfil de montaje FS18-S XL 1989 mm		



	D	Bodenschiene FS10-EW 1989 mm	Item No.	500501
	UK	Base rail FS10-EW 1989 mm		
	F	FS10-EW Rail de montage FS10-EW 1989 mm		
	I	FS10-EW Guida di supporto FS10-EW 1989 mm		
	E	FS10-EW Perfil de montaje FS10-EW 1989 mm		
	D	Bodenschiene FS10-EW 2060 mm	Item No.	500407
	UK	Base rail FS10-EW 2060mm		
	F	Rail de montage FS10-EW 2060 mm		
	I	Guida di supporto FS10-EW 2060 mm		
	E	Perfil de montaje FS10-EW 2060 mm		
	D	Bodenschiene FS10-EW 2260 mm	Item No.	500500
	UK	Base rail FS10-EW 2260 mm		
	F	Rail de montage FS10-EW 2260 mm		
	I	Guida di supporto FS10-EW 2260 mm		
	E	Perfil de montaje FS10-EW 2260 mm		
	D	Bodenschiene FS10-EW XL 2362 mm	Item No.	500499
	UK	Base rail FS10-EW XL 2362 mm		
	F	Rail de montage FS10-EW XL 2362 mm		
	I	Guida di supporto FS10-EW XL 2362 mm		
	E	Perfil de montaje FS10-EW XL 2362 mm		
	D	ECO Ballastset FS	Item No.	520501
	UK	ECO Ballast set FS		
	F	ECO Set de remplissage FS		
	I	ECO Set di ballast per FS		
	E	ECO Juego por lastre para FS		
	D	ECO Ballastset FS 2100 mm	Item No.	520502
	UK	ECO Ballast set FS 2100 mm		
	F	ECO Set de remplissage FS 2100 mm		
	I	ECO Set di ballast per FS 2100 mm		
	E	ECO Juego por lastre para FS 2100 mm		







	D	Bautenschutzmatte 110x95x20mm standard	Item No.	500410
	UK	Roof protection pad 110x95x20mm standard		
	F	Tapis de protection 110x95x20 mm standard		
	I	Stuoia di protezione 110x95x20mm standard		
	E	Protección para la cubierta 110x95x20mm estándar		
	D	Bautenschutzmatte 110x95x20mm alu kaschiert	Item No.	500411
	UK	Roof protection pad 110x95x20mm alu coated		
	F	Tapis de protection 110x95x20 mm revêtement alu		
	I	Stuoia di protezione 110x95x20mm effetto alluminio		
	E	Protección para la cubierta 110x95x20mm forrada de aluminio		
	D	Bodenschienenverbinder	Item No.	500404
	UK	Base rail connector		
	F	Raccord pour rails		
	I	Raccordo per guide		
	E	Unión para perfiles de montaje		
	D	Bautenschutzmatte 1000x100x11 mm für Bodenschiene	Item No.	500412
	UK	Roof protection pad 1000x100x11 mm for base rail		
	F	Tapis de protection 1000x100x11 mm pour rail de montage		
	I	Stuoia di protezione 1000x100x11 mm par guida di supporto		
	E	Protección para la cubierta 1000x100x11 mm para perfil de montaje		
	D	Auflager Traufe	Item No.	500420
	UK	Eave support		
	F	Support de gouttière		
	I	Supporto grondaia		
	E	Soporte canalón		
	D	Auflager Traufe XL	Item No.	500419
	UK	Eave support XL		
	F	Support de gouttière XL		
	I	Supporto grondaia XL		
	E	Soporte canalón XL		
	D	Steckbolzen 6x110 mm	Item No.	900314
	UK	Socket bolt 6 x 110 mm		
	F	Axe débrochable 6 x 110 mm		
	I	Vite cilindrica a scatto rapido 6x110		
	E	Perno Enchufable 6x110		



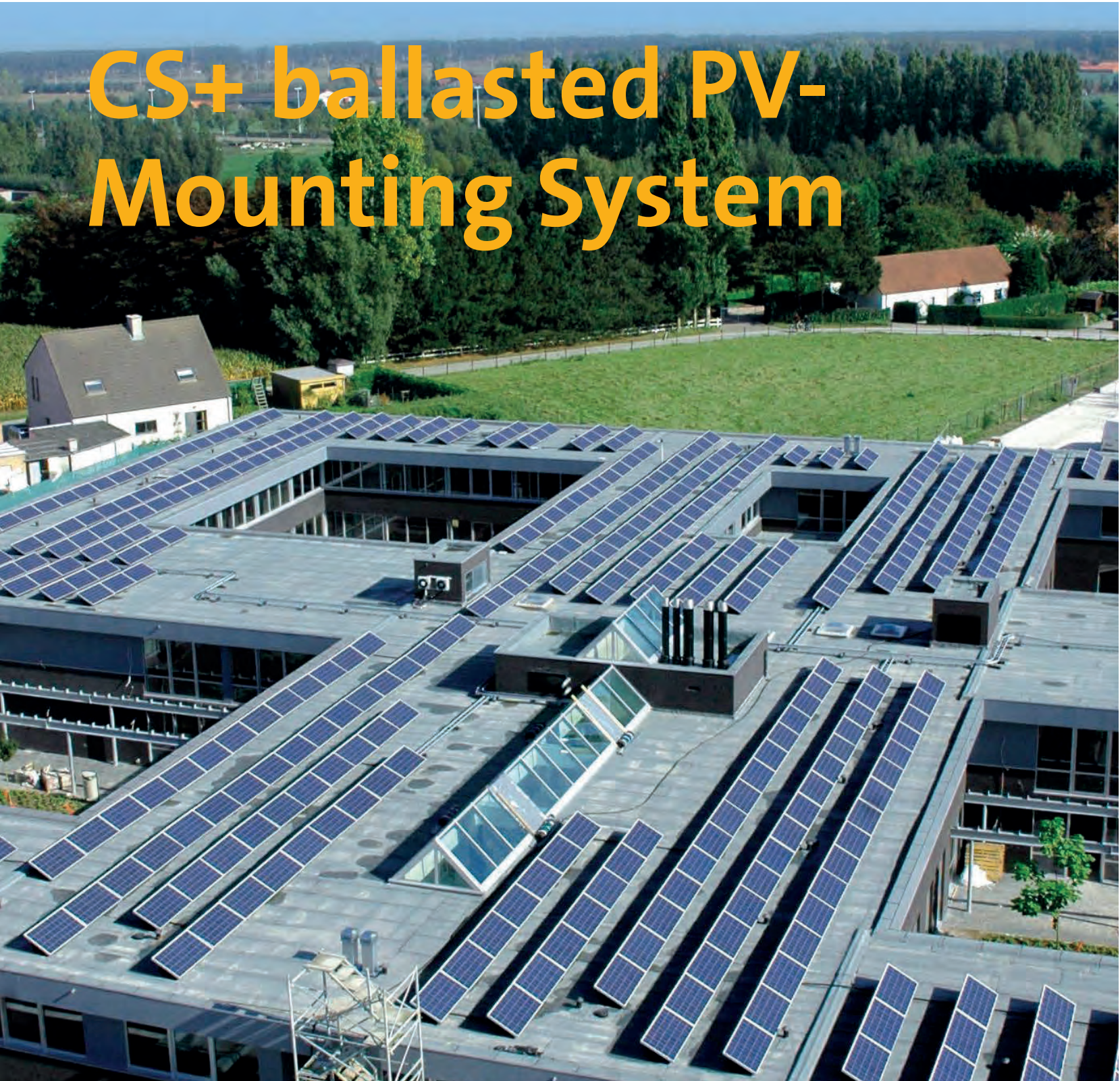
	D Auflager First 10°	Item No. 500421
	UK Ridge support 10°	
	F Support de faîte 10°	
	I Supporto colmo 10°	
	E Soporte cumbrera 10°	
	D Auflager First 18° (montiert)	Item No. 510422
	UK Ridge support 18° (assembled)	
	F Support de faîte 18° (monté)	
	I Supporto colmo 18° (montata)	
	E Soporte cumbrera 18° (montado)	
	D FS10-EW Auflager First 10°	Item No. 500520
	UK FS10-EW Ridge support 10°	
	F FS10-EW Support de faîte 10°	
	I FS10-EW Supporto colmo 10°	
	E FS10-EW Soporte cumbrera 10°	
	D Auflager First 10° XL	Item No. 500423
	UK Ridge support 10° XL	
	F Support de faîte 10° XL	
	I Supporto colmo 10° XL	
	E Soporte cumbrera 10° XL	
	D Bohrschraube 4,8x19 A2	Item No. 900229
	UK Self Drilling Screw 4,8x19 A2	
	F Vis autoforeuse 4,8x19 A2	
	I Vite autop perforante 4,8x19 A2	
	E Tornillo autop perforante 4,8x19 A2	
	D Bohrschraube 5,5x35 A2	Item No. 900234
	UK Self Drilling Screw 5,5x35 A2	
	F Vis autoforeuse 5,5x35 A2	
	I Vite autop perforante 5,5x35 A2	
	E Tornillo autop perforante 5,5x35 A2	
	D U-Scheibe DIN9021-6,4-A2	Item No. 900028
	UK Plain washer DIN9021-6,4-A2	
	F Rondelle DIN9021-6,4-A2	
	I Rondella DIN9021-6,4-A2	
	E Arandela DIN9021-6,4-A2	
	D Potentialausgleichsset FS-S (SET)	Item No. 920249
	UK Potential equalisation FS-S (SET)	
	F Set de mise à la terre FS-S (SET)	
	I Set collegamento equipotenziale FS-S (SET)	
	E Set para cable de tierra FS-S (SET)	










	<b>D</b> Streamliner FS10-S 1800 mm	<b>Item No.</b> 500450
	<b>UK</b> Streamliner FS10-S 1800 mm	
	<b>F</b> Streamliner FS10-S 1800 mm	
	<b>I</b> Streamliner FS10-S 1800 mm	
	<b>E</b> Streamliner FS10-S 1800 mm	
	<b>D</b> Streamliner FS10-S XL 1800 mm	<b>Item No.</b> 500456
	<b>UK</b> Streamliner FS10-S XL 1800 mm	
	<b>F</b> Streamliner FS10-S XL 1800 mm	
	<b>I</b> Streamliner FS10-S XL 1800 mm	
	<b>E</b> Streamliner FS10-S XL 1800 mm	
	<b>D</b> Streamliner FS10-S 2150 mm	<b>Item No.</b> 500453
	<b>UK</b> Streamliner FS10-S 2150 mm	
	<b>F</b> Streamliner FS10-S 2150 mm	
	<b>I</b> Streamliner FS10-S 2150 mm	
	<b>E</b> Streamliner FS10-S 2150 mm	
	<b>D</b> Streamliner FS10-S XL 2150 mm	<b>Item No.</b> 500457
	<b>UK</b> Streamliner FS10-S XL 2150 mm	
	<b>F</b> Streamliner FS10-S XL 2150 mm	
	<b>I</b> Streamliner FS10-S XL 2150 mm	
	<b>E</b> Streamliner FS10-S XL 2150 mm	
	<b>D</b> Streamliner FS18-S 1800 mm	<b>Item No.</b> 500454
	<b>UK</b> Streamliner FS18-S 1800 mm	
	<b>F</b> Streamliner FS18-S 1800 mm	
	<b>I</b> Streamliner FS18-S 1800 mm	
	<b>E</b> Streamliner FS18-S 1800 mm	
	<b>D</b> Streamliner FS18-S 2150 mm	<b>Item No.</b> 500455
	<b>UK</b> Streamliner FS18-S 2150 mm	
	<b>F</b> Streamliner FS18-S 2150 mm	
	<b>I</b> Streamliner FS18-S 2150 mm	
	<b>E</b> Streamliner FS18-S 2150 mm	

# CS+ ballasted PV-Mounting System



**CS+**

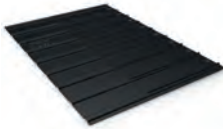



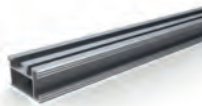
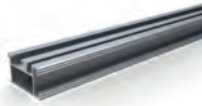


	D	ConSole+ (inkl. Montagmaterial und U-Profile)	Item No.	520075-K
	UK	ConSole+ (incl. Mounting material and U-Profile)		
	F	ConSole+ (incl. Material de montage e U-Profilé)		
	I	ConSole+ (incl. Materiale di montaggio e U-Profilato)		
	E	ConSole+ (incl. Material de montaje y U-perfil)		
	D	Streamliner+	Item No.	520076
	UK	Streamliner+		
	F	Streamliner+		
	I	Streamliner+		
	E	Streamliner+		
	D	Verlängerungsschienen für ConSole 4.1, 4.2, 5.2, 6.2	Item No.	460001
	UK	Elongation rails for ConSole 4.1, 4.2, 5.2, 6.2		
	F	Rails de rallonge pour ConSole 4.1, 4.2, 5.2, 6.2		
	I	Set di prolunga per ConSole 4.1, 4.2, 5.2, 6.2		
	E	Prolongación para ConSole 4.1, 4.2, 5.2, 6.2		
	D	Montagematerial für ConSole 4.1, 4.2, 5.2, 6.2, CS+	Item No.	420022
	UK	Mounting material for ConSole 4.1, 4.2, 5.2, 6.2, CS+		
	F	Material de montage pour ConSole 4.1, 4.2, 5.2, 6.2, CS+		
	I	Materiale di montaggio per ConSole 4.1, 4.2, 5.2, 6.2, CS+		
	E	Material de montaje para ConSole 4.1, 4.2, 5.2, 6.2, CS+		
	D	ConSole Clip	Item No.	920106
	UK	ConSole Clip		
	F	ConSole Clip		
	I	ConSole Clip		
	E	ConSole Clip		
	D	Aluminium U-Profil 1035 mm ConSole 4.2, 5.2,6.2, CS+	Item No.	400005
	UK	Aluminium U-Profile 1035 mm ConSole 4.2, 5.2,6.2, CS+		
	F	Aluminium U-Profilé 1035 mm ConSole 4.2, 5.2,6.2, CS+		
	I	Alluminio U-Profilato 1035 mm ConSole 4.2, 5.2,6.2, CS+		
	E	Aluminio U-Perfil 1035 mm ConSole 4.2, 5.2,6.2, CS+		
	D	Hintergriffklemme für CS+	Item No.	420023
	UK	Rear grip clamp for CS+		
	F	Pince de préhension arrière pour CS+		
	I	Morsetto posteriore per CS+		
	E	Pinza de agarre trasera para CS+		

# Roof Integrated


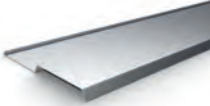

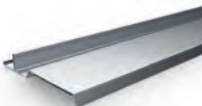






**ISSE**



	D	Platte 1100 x 1600 mm	Item No.	500007
	UK	Plate 1100 x 1600 mm		
	F	Plaque 1100 x 1600 mm		
	I	Pannello 1100 x 1600 mm		
	E	Plancha 1100 x 1600 mm		
	D	InterSole Anker	Item No.	860004
	UK	InterSole Anchor		
	F	InterSole Ancre		
	I	InterSole Ancoraggio		
	E	InterSole Gancho		
	D	Winkel Standard	Item No.	860010
	UK	Bracket Standard		
	F	Equerre standard		
	I	Squadretta Standard		
	E	Escuadra de montaje estándar		
	D	Winkel Low	Item No.	860011
	UK	Bracket Low		
	F	Equerre basse		
	I	Squadretta Low		
	E	Escuadra de montaje baja		
	D	Montageschiene 3300 mm	Item No.	400363
	UK	Mounting rail 3300 mm		
	F	Profilé de montage 3300 mm		
	I	InterSole Guida in alluminio 3300 mm		
	E	InterSole Perfil 3300 mm		
	D	Montageschiene Zuschnitt/m	Item No.	460018
	UK	Mounting Rail custom cut /m		
	F	Profilé de montage coupe/m		
	I	InterSole Guida in alluminio su misura /m		
	E	Intersole Perfil a medida /m		
	D	InterSole Schienenverbinder	Item No.	400025
	UK	InterSole Rail connector		
	F	InterSole Raccord de profilés de montage		
	I	InterSole Connettore per guida		
	E	InterSole Carril de unión		
	D	InterSole Anschlussblech UNTEN	Item No.	700002
	UK	InterSole Gutter LOWER		
	F	InterSole Esthétivette INFÉRIEURE		
	I	InterSole Scossalina INFERIORE		
	E	InterSole Chapa de protección INFERIOR		



	D InterSole Anschlussblech UNTEN (schwarz)	Item No. 700002-B
	UK InterSole Gutter LOWER (black)	
	F InterSole Esthétivette INFÉRIEURE (noire)	
	I InterSole Scossalina INFÉRIORE (nera)	
	E InterSole Chapa de protección INFÉRIOR (negro)	
	D InterSole Anschlussblech SEITLICH	Item No. 700001
	UK InterSole Gutter SIDE	
	F InterSole Esthétivette LATÉRALE	
	I InterSole Scossalina LATÉRALE	
	E InterSole Chapa de protección LATERAL	
	D InterSole Anschlussblech SEITLICH (schwarz)	Item No. 700001-B
	UK InterSole Gutter SIDE (black)	
	F InterSole Esthétivette LATÉRALE (noire)	
	I InterSole Scossalina LATÉRALE (nera)	
	E InterSole Chapa de protección LATERAL (negro)	
	D InterSole Anschlussblech SEITLICH Flachziegel	Item No. 700103
	UK InterSole Gutter SIDE flat tiles	
	F Tôle de raccordement InterSole LATÉRALE tuiles plates	
	I Lamiera di giunzione LATÉRALE Intersole per tegole piane	
	E Intersole chapa de unión teja plana LATERAL	
	D InterSole Anschlussblech SEITLICH Flachziegel (schwarz)	Item No. 700103-B
	UK InterSole Gutter SIDE flat tiles (black)	
	F Tôle de raccordement InterSole LATÉRALE tuiles plates (noir)	
	I Lamiera di giunzione LATÉRALE Intersole per tegole piane (nera)	
	E Intersole chapa de unión teja plana LATERAL (negro)	
	D InterSole Anschlussblech OBEN	Item No. 700003
	UK InterSole Gutter UPPER	
	F InterSole Esthétivette SUPÉRIEURE	
	I InterSole Scossalina SUPÉRIORE	
	E InterSole Chapa de protección SUPÉRIOR	
	D InterSole Anschlussblech OBEN (schwarz)	Item No. 700003-B
	UK InterSole Gutter UPPER (black)	
	F InterSole Esthétivette SUPÉRIEURE (noire)	
	I InterSole Scossalina SUPÉRIORE (nera)	
	E InterSole Chapa de protección SUPÉRIOR (negro)	
	D Kompriband 20 x 4000 mm	Item No. 300100
	UK Sealing tape MPA 20 x 4000 mm	
	F Bande compressible 20 x 4000 mm	
	I Bandella di compressione 20 x 4000 mm	
	E Cinta de dilatación 20 x 4000 mm	



	D Kleber für wasserfeste Schürze 290 ml	Item No.	300000
	UK Sealing strip Glue 290 ml		
	F Adhésif pour tablier de protection 290 ml		
	I Colla per membrana impermeabile 290 ml		
	E Adesivo faldon de estanqueidad 290 ml		
	D Hafte	Item No.	720011
	UK Mounting clip		
	F Griffe		
	I Graffetta per scossaline		
	E Enganche		
	D Spenglerschraube 4,5 x 45	Item No.	900011
	UK Screw neoprene washer 4,5 x 45		
	F Vis autoforeuse 4,5 x 45		
	I Vite autoforante con rondella in neoprene 4,5 x 45		
	E Tornillo de rosca autocortante con arandela 4,5 x 45		
	D Holzschraube Senkkopf 4,5 x 50	Item No.	900021
	UK Wood screw countersunk 4,5 x 50		
	F Vis à bois avec tête fraisée 4,5 x 50		
	I Vite da legno testa piana 4,5 x 50		
	E Tornillo madera cabeza avellanada 4,5 x 50		
	D Servicepauschale InterSole Zeichnung	Item No.	200007
	UK Service for InterSole layout		
	F Forfait de service de InterSole schémas		
	I Forfait de servizio InterSole disegno		
	E Servicio InterSole dibujo		
	D Wasserfeste Schürze 400 x 6000 mm	Item No.	300002 Schwarz/Black
	UK Sealing strip 400 x 6000 mm		300003 Rot/Red
	F Tablier de protection 400 x 6000 mm		
	I Membrana impermeabile 400 x 6000 mm		
	E Faldon de estanqueidad 400 x 6000 mm		
	D Wasserfeste Schürze 400 x 12000 mm	Item No.	300004 Schwarz/Black
	UK Sealing strip 400 x 12000 mm		300005 Rot/Red
	F Tablier de protection 400 x 12000 mm		
	I Membrana impermeabile 400 x 12000 mm		
	E Faldon de estanqueidad 400 x 12000 mm		
	D Wasserfeste Schürze 500 x 6000 mm	Item No.	300006 Schwarz/Black
	UK Sealing strip 500 x 6000 mm		300009 Rot/Red
	F Tablier de protection 500 x 6000 mm		
	I Membrana impermeabile 500 x 6000 mm		
	E Faldon de estanqueidad 500 x 6000 mm		









# ONE FOR ALL!



**RS1**









	D RS1	Item No. 420080
	UK RS1	
	F RS1	
	I RS1	
	E RS1	
	D RS1 (schwarz)	Item No. 420080-BE
	UK RS1 (black)	
	F RS1 (noire)	
	I RS1 (nero)	
	E RS1 (negro)	
	D Endklemme+	Item No. 420081
	UK End clamp+	
	F Bride simple+	
	I Morsetto terminale+	
	E Fijador lateral+	
	D Endklemme+ (schwarz)	Item No. 420081-BE
	UK End clamp+ (black)	
	F Bride simple+ (noire)	
	I Morsetto terminale+ (nero)	
	E Fijador lateral+ (negro)	
	D Mittelklemme+	Item No. 420082
	UK Middle clamp+	
	F Bride double+	
	I Morsetto intermedio+	
	E Fijador intermedio+	
	D Mittelklemme+ (schwarz)	Item No. 420082-BE
	UK Middle clamp+ (black)	
	F Bride double+ (noire)	
	I Morsetto intermedio+ (nero)	
	E Fijador intermedio+ (negro)	
	D P-Clip Potentialausgleich	Item No. 900268
	UK P-Clip Potential equalization	
	F P-Clip mise à la terre	
	I P-Clip collegamento equipotenziale	
	E P-Clip conexión equipotencial	
	D S-5! Stehfalzklemme E-Mini	Item No. 420254
	UK S-5! Clamp for standing seam E-Mini	
	F S-5! Bride pour couverture à joint debout E-Mini	
	I S-5! Lamiera graffata E-Mini	
	E S-5! Fijador E-Mini	



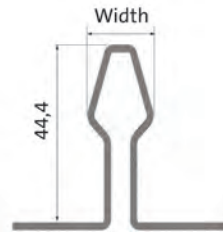
	D	S-5!® Stehfalzklemme Z-Mini	Item No.	420255
	UK	S-5!® Clamp for standing seam Z-Mini		
	F	S-5!® Bride pour couverture à joint debout Z-Mini		
	I	S-5!® Lamiera graffata Z-Mini		
	E	S-5!® Fijador Z-Mini		
	D	S-5!® Stehfalzklemme S-Mini	Item No.	420259
	UK	S-5!® Clamp for standing seam S-Mini		
	F	S-5!® Bride pour couverture à joint debout S-Mini		
	I	S-5!® Lamiera graffata S-Mini		
	E	S-5!® Fijador S-Mini		
	D	S-5!® Stehfalzklemme R-465	Item No.	400252
	UK	S-5!® Clamp for standing seam R-465		
	F	S-5!® Bride pour couverture à joint debout R-465		
	I	S-5!® Lamiera graffata R-465		
	E	S-5!® Fijador R-465		
	D	S-5!® Stehfalzklemme A-Mini	Item No.	400289
	UK	S-5!® Clamp for standing seam A-Mini		
	F	S-5!® Bride pour couverture à joint debout A-Mini		
	I	S-5!® Lamiera graffata A-Mini		
	E	S-5!® Fijador A-Mini		
	D	S-5!® Stehfalzklemme K-Grip Mini	Item No.	420284
	UK	S-5!® Clamp for standing seam K-Grip Mini		
	F	S-5!® Bride pour couverture à joint debout K-Grip Mini		
	I	S-5!® Lamiera graffata K-Grip Mini		
	E	S-5!® Fijador K-Grip Mini		
	D	S-5!® Einsatz für Stehfalzklemme K-Grip Mini (GXM10)	Item No.	400288
	UK	S-5!® insert for Clamp for standing seam K-Grip Mini (GXM10)		
	F	S-5!® Bride pour couverture à joint debout K-Grip Mini (GXM10)		
	I	S-5!® Lamiera graffata K-Grip Mini (GXM10)		
	E	S-5!® Fijador K-Grip Mini (GXM10)		
	D	S-5!® Einsatz für Stehfalzklemme K-Grip Mini (GXM50)	Item No.	400285
	UK	S-5!® insert for Clamp for standing seam K-Grip Mini (GXM50)		
	F	S-5!® Bride pour couverture à joint debout K-Grip Mini (GXM50)		
	I	S-5!® Lamiera graffata K-Grip Mini (GXM50)		
	E	S-5!® Fijador K-Grip Mini (GXM50)		
	D	Rib-Roof Stehfalzklemme 465	Item No.	400257
	UK	Rib-Roof clamp for standing seam R-465		
	F	Rib-Roof bride pour couverture à joint debout R-465		
	I	Rib-Roof lamiera graffata R-465		
	E	Rib-Roof fijador para junta alzada R-465		



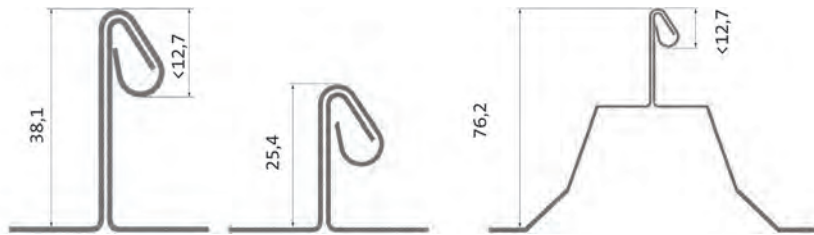
	D Rib-Roof Stehfalzklemme 500	Item No. 400258
	UK Rib-Roof clamp for standing seam R-500	
	F Rib-Roof bride pour couverture à joint debout R-500	
	I Rib-Roof lamiera graffata R-500	
	E Rib-Roof fijador para junta alzada R-500	
	D Rundfalzklemme für Kalzip und ähnliche	Item No. 400362
	UK Round seam clamp for Kalzip and similar	
	F Pince pour joints debouts à tête ronde pour Kalzip et similaires	
	I Morsetto per lamiera graffata stondata Kalzip e simili	
	E Abrazadera de pliegue redonda para Kalzip y similares	
	D Kalzip Stehfalzklemme Typ FS	Item No. 400256
	UK Kalzip clamp for standing seam Typ FS	
	F Kalzip bride pour couverture à joint debout Typ FS	
	I Kalzip lamiera graffata Typ FS	
	E Kalzip fijador para junta alzada Typ FS	
	D Stehfalzklemme KL+	Item No. 400602
	UK Clamp for standing seam KL+	
	F Bride pour couverture à joint debout KL+	
	I Lamiera graffata KL+	
	E Fijador KL+	
	D LC1 Endklemme	Item No. 420084
	UK LC1 End clamp	
	F LC1 Bride simple	
	I LC1 Morsetto terminale	
	E LC1 Fijador lateral	
	D LC1 Endklemme schwarz	Item No. 420084-B
	UK LC1 End clamp black	
	F LC1 Bride simple noire	
	I LC1 Morsetto terminale nero	
	E LC1 Fijador lateral negro	
	D LC1 Mittelklemme	Item No. 420085
	UK LC1 Middle clamp	
	F LC1 Bride double	
	I LC1 Morsetto intermedio	
	E LC1 Fijador intermedio	
	D LC1 Mittelklemme schwarz	Item No. 420085-B
	UK LC1 Middle clamp black	
	F LC1 Bride double noire	
	I LC1 Morsetto intermedio nero	
	E LC1 Fijador intermedio negro	



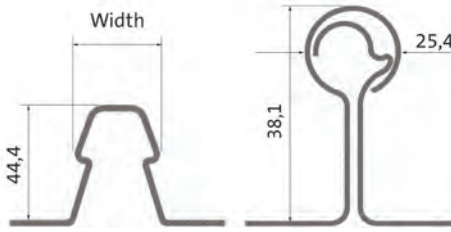
R465 - R400252



E-Mini - R420254



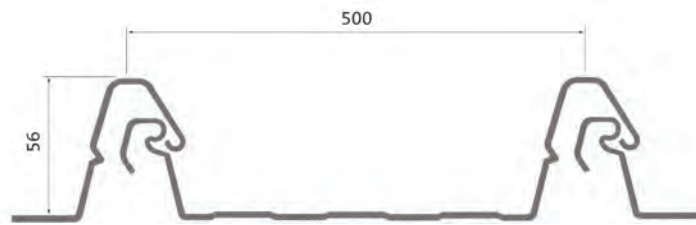
Z-Mini - R420255



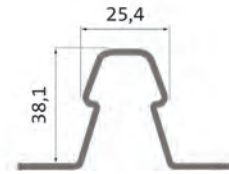
Rib-Roof 465 - R400257



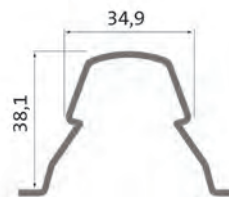
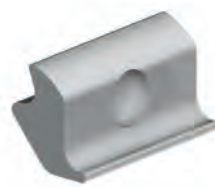
Rib-Roof 500 - R400258



K-Grip-Mini - R420284 + GMX 10 - R400285

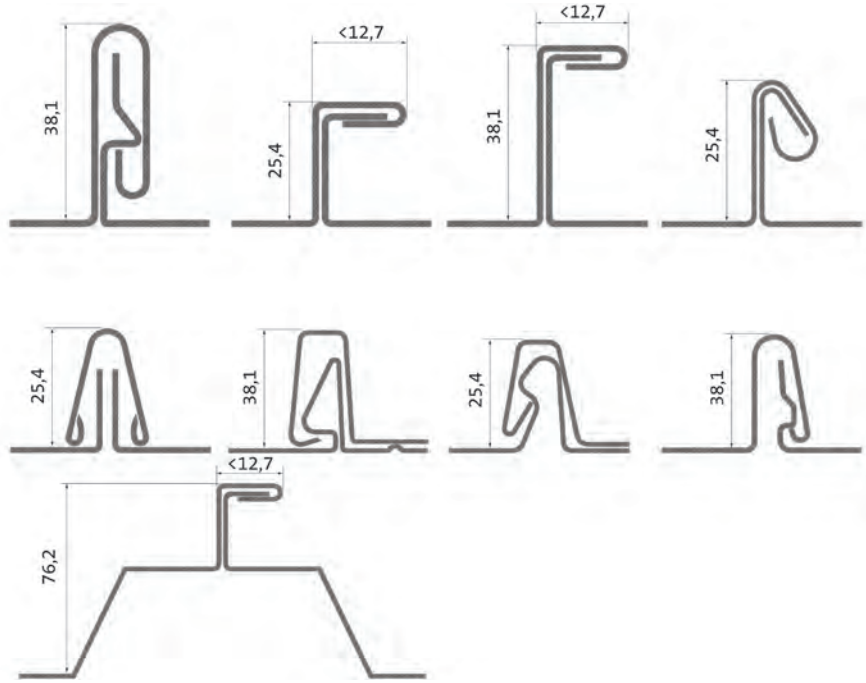


K-Grip-Mini - R420284 + GMX 50 - R400288

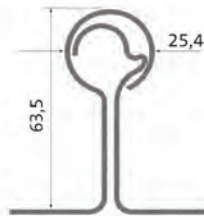




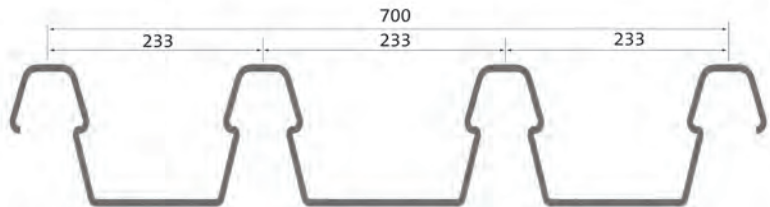
S-Mini - R420259



Kalzip and similar - R400362





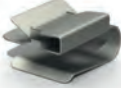

KL+ - R400602







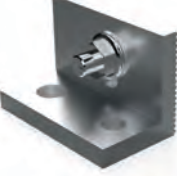





	D	6kt. Sperrzahnmutter mit Flansch M8	Item No.	900001
	UK	Hexagon Nut w. serration M8		
	F	Ecrou M8		
	I	Dado flang. M8		
	E	Tuerca dentada M8		
	D	6kt. Mutter ISO 4032 - M8 A2-70	Item No.	900036
	UK	Hexagon nut ISO 4032 - M8 A2-70		
	F	Ecrou ISO 4032 - M8 A2-70		
	I	Dado esagonale ISO 4032-M8 A2-70		
	E	Tuerca hexagonal ISO 4032 - M8 A2-70		
	D	6kt. Sicherheitsmutter M8	Item No.	900057
	UK	Hexagon safety nut M8		
	F	Écrou de sécurité M8		
	I	Dado di sicurezza M8		
	E	Tuerca de seguridad M8		
	D	6kt. Sperrzahnschraube M8 x 35 mit Flansch	Item No.	900025
	UK	Hexag. bolt M8 x 35 with serration		
	F	Vis tête hexagonale et embase crantée M8 x 35		
	I	Vite flangiata M8 x 35 con sicura		
	E	Tornillo M8 x 35 con corona autoblocante DIN 6921		
	D	6kt. Sperrzahnschraube M8 x 14 mit Flansch	Item No.	900016
	UK	Hexag. Flange bolt with serration M8 x 14		
	F	Vis tête hexagonale et embase crantée M8 x 14		
	I	Vite flangiata con sicura M8 x 14		
	E	Tornillo con bloqueo dentado con reborde M8 x 14		
	D	Hammerkopfschraube M8 x 20	Item No.	900009
	UK	Hammerhead bolt M8 x 20		
	F	Vis tête marteau M8 x 20		
	I	Vite testa a martello M8 x 20		
	E	Tornillo con cabeza de martillo M8 x 20		
	D	Hammerkopfschraube M8 x 25	Item No.	900007
	UK	Hammerhead bolt M8 x 25		
	F	Vis tête marteau M8 x 25		
	I	Vite testa a martello M8 x 25		
	E	Tornillo con cabeza de martillo M8 x 25		
	D	6kt. Schraube DIN931 u. Mutter DIN934	Item No.	900015
	UK	Hexagon Bolt DIN931 and Hexagon Flange DIN934		
	F	Vis tête hexagonale DIN931 avec écrou DIN 934		
	I	Vite flangiata DIN931 e Dado flangiato DIN934		
	E	Hexag. Bolt DIN931 y Tuerca DIN934		






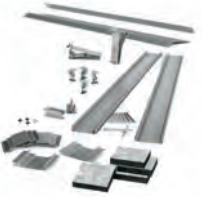



	D U-Scheibe M8	Item No. 900054
	UK Washer M8	
	F Rondelle M8	
	I Rondella M8	
	E Arandela M8	
	D Kabelclip 0,7-3mm mit Kabelbinder	Item No. 900035
	UK Edge Clip 0,7-3mm with cable strap	
	F Lanière assemblée pour bord de cadre 0,7-3 mm	
	I Clip di fissazione laterale 0,7-3 mm, con cavo	
	E Clip de fijación lateral 0,7-3 mm, con brida	
	D Kabelhalter 90°	Item No. 900260
	UK Wire clip 90°	
	F Porte-câble 90°	
	I Portacavo 90°	
	E Soporte de cables	
	D Kabelclip Omega	Item No. 900261
	UK Wire clip Omega	
	F Clip de fixation de câbles Omega	
	I Clip Omega	
	E Clip de cables Omega	
	D UNI-Falzklebme	Item No. 900240
	UK UNI- Frame L-foot clamp for grounding	
	F UNI-Bride de serrage	
	I UNI-Morsetto per coperture a giunto aggraffato	
	E UNI-Fijador para cubiertas plegadas	
	D UNI- Erdungsklemme	Item No. 900241
	UK UNI-Grounding clamp	
	F UNI-Borne de terre	
	I UNI-Morsetto di messa a terra	
	E UNI-Terminal de puesta a tierra	
	D Befestigungsset für SolarEdge Optimizer(SET)	Item No. 420271
	UK Attachment kit for SolarEdge optimizer (SET)	
	F Set de fixation pour Solaredge Optimizer	
	I Set di montaggio per ottimizzatore di potenza SolarEdge	
	E Juego de fijaci' n para SolarEdge Optimizer	



	D Winkel M10	Item No. 420014
	UK Bracket M10	
	F Equerre M10	
	I Squadretta M10	
	E Escuadra M10	
	D Winkel M12	Item No. 420012
	UK Bracket M12	
	F Equerre M12	
	I Squadretta M12	
	E Escuadra M12	
	D Winkel M10 (Anbindung versetzt)	Item No. 420131
	UK Bracket M10 (offset connection)	
	F Equerre M10 (fixation décentrée)	
	I Squadretta M10 (fissaggio decentrato)	
	E Escuadra M10 (orificio de fijación decentrado)	
	D Winkel M12 (Anbindung versetzt)	Item No. 420130
	UK Bracket M12 (offset connection)	
	F Equerre M12 (fixation décentrée)	
	I Squadretta M12 (fissaggio decentrato)	
	E Escuadra M12 (orificio de fijación decentrado)	
	D Winkel IFP M8/M10, Set(1st.)	Item No. 420024
	UK Bracket IFP M8/M10, set(1pc.)	
	F Équerre IFP M8/M10, SET(1pce.)	
	I Squadretta IFP M8/M10, SET(1pz.)	
	E Escuadra de montaje IFP M8/M10, JUEGO(1pz.)	
	D Winkel UK M8, (SET)	Item No. 420352
	UK UK M8 bracket, (SET)	
	F Équerre UK M8, (SET)	
	I Angolare UK M8, (SET)	
	E Escuadra UK M8, (SET)	
	D Microinverter Befestigungswinkel, Set	Item No. 400270
	UK Microinverter mounting bracket, Set	
	F Équerre de fixation micro-onduleur VS, set	
	I Piastra angolare per microinverter VS, set	
	E Microinversor escuadra de fijación, set	
	D Montage-Bit mit Spannring 8mm	Item No. 999940
	UK Assembly bit with clamping ring 8mm	
	F Embout de montage avec bague de serrage 8mm	
	I Punta di montaggio con anello di serraggio 8mm	
	E Punta de montaje con anillo de fijación 8mm	





	D	RS1 Handmuster	Item No.	500108
	UK	RS1 sample		
	F	RS1 Echantillon		
	I	RS1 Campionatura		
	E	RS1 Muestra		
	D	VS+ Handmuster	Item No.	500106
	UK	VS+ sample		
	F	VS+ Echantillon		
	I	VS+ Campionatura		
	E	VS+ Muestra		
	D	MS+ Handmuster	Item No.	500107
	UK	MS+ sample		
	F	MS+ Echantillon		
	I	MS+ Campionatura		
	E	MS+ Muestra		
	D	FS10-S Handmuster	Item No.	500109
	UK	FS10-S sample		
	F	FS10-S Echantillon		
	I	FS10-S Campionatura		
	E	FS10-S Muestra		
	D	VS+ Systemmuster	Item No.	500065
	UK	VS+ system sample		
	F	VS+ Echantillon de système		
	I	VS+ Campionatura sistema		
	E	VS+ Muestra del sistema		
	D	InterSole Handmuster	Item No.	500018
	UK	InterSole SE sample		
	F	InterSole SE Echantillon		
	I	InterSole SE campionatura		
	E	InterSole SE Muestra		
	D	Display VS+/MS+	Item No.	500113
	UK	Display VS+/MS+		
	F	Affichage VS+ /MS+		
	I	Display VS+/MS+		
	E	IPantalla VS+ /MS+		

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Germany

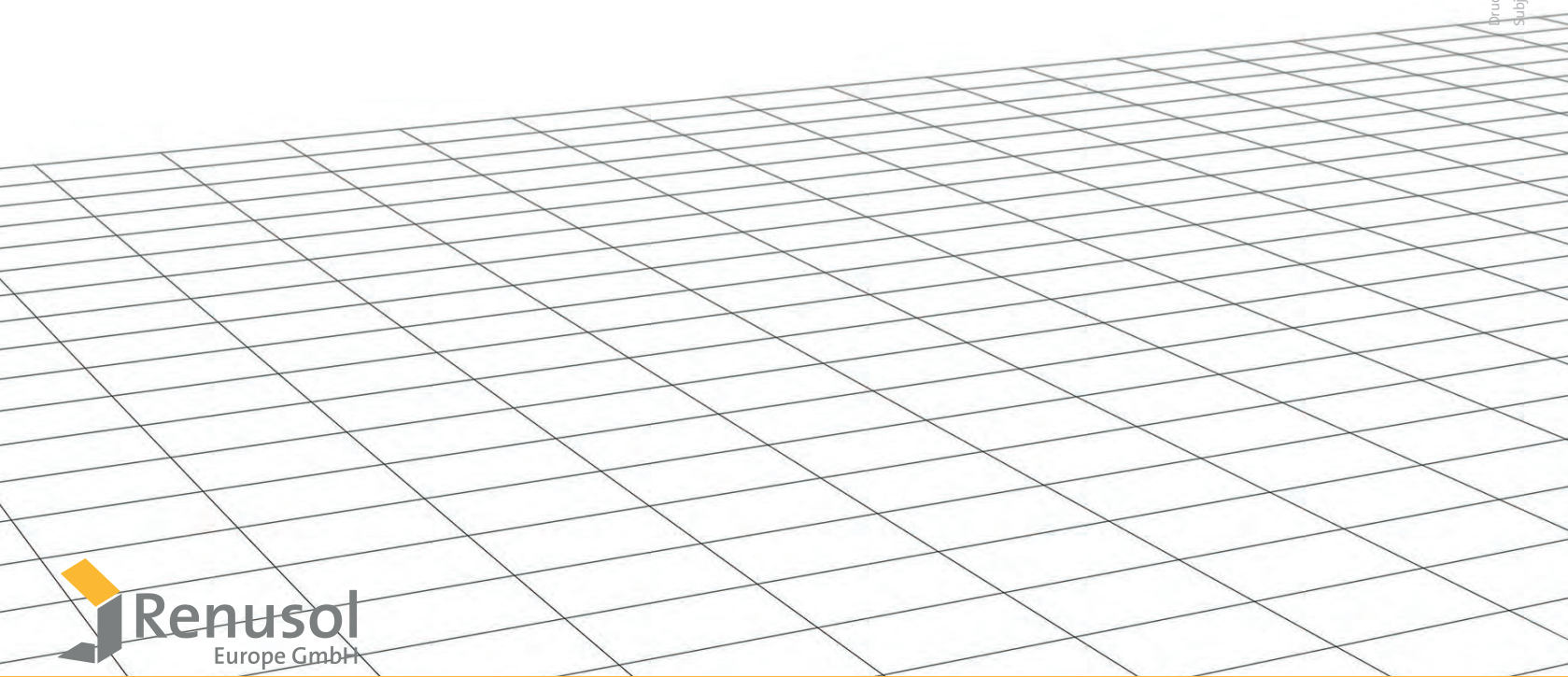
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