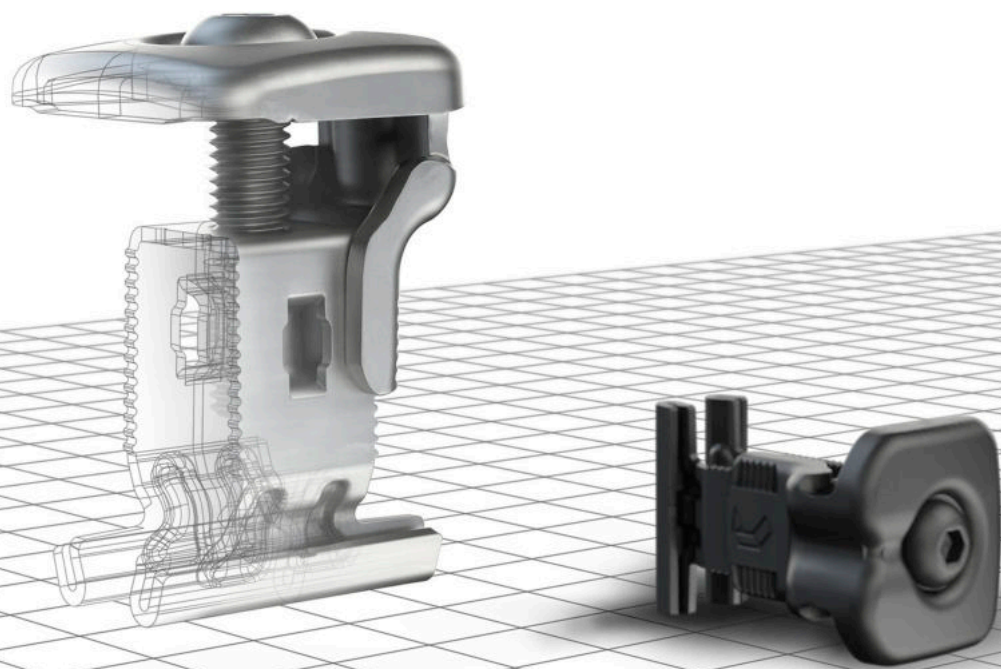




PRODUKTKATALOG  
PRODUCT CATALOG



Gültig ab 01.01.2020

Abbildungen und Texte dienen der Präsentation der Ware.

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

Preise ab Lager

Valid starting 01.01.2020

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

Valable à partir du 01.01.2020

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

Valido dal 01.01.2020

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

Válido a partir del 01.01.2020

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+

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+



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



DE		Zubehör
EN		Accessoires
FR		Accessoires
IT		Accessori
ES		Accesorio



DE		Muster
EN		Samples
FR		Echantillo
IT		Campioatura
ES		Muestra



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
	U 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+ Grosors: acero 0,40 - 1,25 mm; alu 0,50 - 2,00 mm	
	D MetaSole+ Blechstärke: Stahl 0,75-1,00 mm	Item No. 420403
	U MetaSole+ metal sheet thickness: steel 0.75-1.0 mm	
	F MetaSole+ Epaisseur de tôle: acier 0,75 - 1,00 mm	
	I MetaSole+ Spessore lamiera: acciaio 0,75 - 1,00 mm	
	E MetaSole+ Grosors: acero 0,75 - 1,00 mm	
	D MetaSole+ Blechstärke: Stahl 0,75 ETN Zertifikat	Item No. 420405
	U 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+ Grosors: acero 0,75 mm; certificación ETN	
	D MetaSole+ Klemmfuß mit Nieten ab 0,50 - 2,00 mm	Item No. 420406
	U 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
	U 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+ Portrait (Set)	Item No. 420420
	U MS+ Portrait (Set)	
	F MS+ Portrait	
	I MS+ Verticale	
	E MS+ Formato alto	
	D MS+ Portrait Niete (Set)	Item No. 420422
	U 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
	U 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
	U 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
	U 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
	U 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
	U 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 Bohrs.SW 8 Dichtschr. 6,0x25 E16	Item No. 400281
	U Self drilling screw SW 8 6,0x25 E16	
	F Vis autoforeuse SW 8 6,0x25 E16	
	I Vite autoforante SW8 6,0x25 E16	
	E Tornillo taladrador SW 8 6,0x25 E16	
	D Boherschraube SFS-SDK2-S-377-6,0x35	Item No. 400047
	U Self drilling screw SFS-SDK2-S-377- 6,0x35	
	F Vis autoforeuse SFS-SDK2-S-377- 6,0x35	
	I Vite autoforante SFS-SDK2-S-377- 6,0x35	
	E Tornillo taladrador SFS-SDK2-S-377- 6,0x35	
	D Boherschraube Faynot P1 6,3 x 38	Item No. 900122
	U 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
	U Rivets 6,4x14	
	F Rivets 6,4x14	
	I Rivetti 6,4x14	
	E Remaches 6,4x14	



- D** MS+ Potentialausgleich Terragrif DUO
- U** MS+ Potential equalisation Terragrif DUO
- F** MS+ mise à la terre Terragrif DUO
- I** MS+ collegamento equipotenziale Terragrif DUO
- E** MS+ conexión equipotencial Terragrif DUO

Item No.  
900242

Schrägdach / Pitched roof

# VS+ Allrounder on pitched roofs









VS+








VS+


[www.renusol.com](http://www.renusol.com)


8





	<b>D</b> Dachhaken Aluminium Standard (ohne Holzschraube)	<b>Item No.</b> 420151
	<b>U</b> Roof hook aluminium (without wood screw)	
	<b>F</b> Crochet de toit aluminium (sans vis)	
	<b>I</b> Staffa alluminio (senza vite da legno)	
	<b>E</b> Gancho salvatejas Aluminio (sin tornillo de madera)	
	<b>D</b> VS Dachhaken Alu verstellbar 100mm (ohne Holzschraube)	<b>Item No.</b> 420161
	<b>U</b> Roof hook aluminium adjustable 100 mm (without wood screw)	
	<b>F</b> Crochet de toit aluminium réglable 100 mm (sans vis)	
	<b>I</b> Staffa alluminio. regolabile 100 mm (senza vite da legno)	
	<b>E</b> Gancho salvatejas Aluminio ajustable 100 mm (sin tornillo de madera)	
	<b>D</b> Dachhaken Aluminium Beton Basic 90°	<b>Item No.</b> 920003
	<b>U</b> Roof hook Alu Concrete Basic 90°	
	<b>F</b> Crochet de toit aluminium béton basic 90°	
	<b>I</b> Staffa alluminio Calcestruzzo 90°	
	<b>E</b> Gancho salvatejas Aluminio Hormigón 90°	
	<b>D</b> Dachhaken Edelstahl (ohne Holzschraube)	<b>Item No.</b> 420150
	<b>U</b> Roof hook stainless steel (without wood screw)	
	<b>F</b> Crochet de toit acier inoxydable (sans vis)	
	<b>I</b> Staffa acciaio inossidabile (senza vite da legno)	
	<b>E</b> Gancho salvatejas acero inoxidable (sin tornillo de madera)	
	<b>D</b> Dachhaken Biber Standard (ohne Holzschraube)	<b>Item No.</b> 420153
	<b>U</b> Roof hook for plain tiles Standard (without wood screw)	
	<b>F</b> Crochet de toit tuile plate standard (sans vis)	
	<b>I</b> Staffa Coda di castoro Standard (senza vite da legno)	
	<b>E</b> Gancho para tejas planas estándar (sin tornillo de madera)	
	<b>D</b> Dachhaken Biber 90° (ohne Holzschraube)	<b>Item No.</b> 420154
	<b>U</b> Roof hook for plain tiles 90° (without wood screw)	
	<b>F</b> Crochet de toit tuile plate 90° (sans vis)	
	<b>I</b> Staffa Coda di castoro 90° (senza vite da legno)	
	<b>E</b> Gancho para tejas planas 90° (sin tornillo de madera)	
	<b>D</b> Dachhaken Schiefer (ohne Holzschraube)	<b>Item No.</b> 420155
	<b>U</b> Roof hook for slate tiles (without wood screw)	
	<b>F</b> Crochet de toit ardoise (sans vis)	
	<b>I</b> Staffa Ardesia (senza vite da legno)	
	<b>E</b> Gancho para tejas de pizarra (sin tornillo de madera)	
	<b>D</b> Dachhaken Edelstahl Aufdachdämmung (ohne Holzschraube)	<b>Item No.</b> 420160
	<b>U</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>U</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>U</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 Flexibel (ohne Holzschraube)	<b>Item No.</b> 420182
	<b>U</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>U</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>U</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 Edelstahl Tegola Portugese (ohne Holzschraube)	<b>Item No.</b> 420158
	<b>U</b> Roof hook stainless steel Tegola Portugese (without wood screw)	
	<b>F</b> Crochet de toit acier inoxydable Tegola Portugese (sans vis)	
	<b>I</b> Staffa acciaio inossidabile Tegola Portugese (senza vite da legno)	
	<b>E</b> Gancho salvatejas acero inoxidable Tegola Portugese (sin tornillos)	
	<b>D</b> Multiträger Aluminium (Set)	<b>Item No.</b> 420308
	<b>U</b> Aluminium multi support (set)	
	<b>F</b> Multi-support aluminium (set)	
	<b>I</b> Multiplo supporto alluminio (set)	
	<b>E</b> Soporte multiple aluminio (set)	








		Item No.	
	<b>D</b> Dichtmanschette Multiträger		
	<b>UK</b> Sealing-collar multi support	400340	rot/red/rouge/rosso/rojo
	<b>F</b> Manchette d'étanchéité multi-support	400341	anthrazit/anthracite/antracite/antracita
	<b>I</b> Guarnizione multiplo supporto	400342	braun/brown/marron/marrone/marrón
	<b>E</b> Guarnición de obturación soporte multiple		

		Item No.	
	<b>D</b> Dichtmanschette Biber/Schiefer		
	<b>UK</b> Sealing-collar slate/plain tiles	400315	schwarz/black/noir/nero/negro
	<b>F</b> Manchette d'étanchéité pour tuiles plates/ardoise	400316	rot/red/rouge/rosso/rojo
	<b>I</b> Guarnizione per tegole piane/in ardesia	400317	anthrazit/anthracite/antracite/antracita
	<b>E</b> Guarnición de obturación para tejas planas/pizarra		

		Item No.	
	<b>D</b> Dichtmanschette Ziegeldach		
	<b>UK</b> Sealing-collar for tiled roof	400318	schwarz/black/noir/nero/negro
	<b>F</b> Manchette d'étanchéité pour toitures en tuiles	400319	rot/red/rouge/rosso/rojo
	<b>I</b> Guarnizione per tetti di tegole	400320	anthrazit/anthracite/antracite/antracita
	<b>E</b> Guarnición de obturación para tejados de tejas	400321	braun/brown/marron/marrone/marrón

		Item No.	
	<b>D</b> Distanzplatte 2 mm	400350	
	<b>UK</b> 2-mm spacer plate		
	<b>F</b> Plaque d'écartement 2 mm		
	<b>I</b> Piastra distanziale 2mm		
	<b>E</b> Placa calzadora 2 mm		

		Item No.	
	<b>D</b> Distanzplatte 5 mm	400351	
	<b>UK</b> 5-mm spacer plate		
	<b>F</b> Plaque d'écartement 5 mm		
	<b>I</b> Piastra distanziale 5mm		
	<b>E</b> Placa calzadora 5 mm		

	D Holzbohrschraube Linsenkopf 6 x 80/74	Item No. 900305
	U 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
	U 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
	U Dish-shaped head wood screw with cutting edge 8 x 100	
	F vis à bois à tête plate aver enoche 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
	U Dish-shaped wood screw A2 6,0x120 / TX 30	
	F Vis à bois à tête plate aver enoche 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	
	D Holzschraube Tellerkopf 6 x 160	Item No. 900145
	U Dish-shaped head wood screw with cutting edge 6 x 160	
	F vis à bois à tête plate aver enoche 6 x 160	
	I Vite a testa svasata 6 x 160 per pannello truciolare	
	E Tornillo para madera con cabeza plana y ranura de incisión 6 x 160	
	D Holzschraube Tellerkopf 8,0 x 100	Item No. 900316
	U Dish-shaped head wood screw with cutting edge 8 x 50	
	F vis à bois à tête plate aver enoche 8 x 50	
	I Vite a testa svasata 8 x 50 per pannello truciolare	
	E Tornillo para madera con cabeza plana y ranura de incisión 8 x 50	
	D Holzschraube Linsenkopf 5 x 30	Item No. 900050
	U Wood screw mushroom head 5 x 30	
	F Vis à bois tête lenticulaire 5 x 30	
	I Vite da legno testa tonda 5 x 30	
	E Tornillo madera con cabeza convexa 5 x 30	





	900305	900013	900129	900127	900145	900050
420151	3x	–	–	2x	2x	–
420161	3x	–	–	2x	2x	–
920003	–	–	2x	–	–	–
420150	3x	–	–	2x	2x	–
420153	2x	–	–	2x	2x	–
420154	2x	–	–	2x	2x	–
420155	–	2x	–	–	–	–
420156	–	2x	–	–	–	–
420160	–	–	–	–	–	3x
420180	2x	–	–	–	–	–
420181	2x	–	–	–	–	–
420182	2x	–	–	–	–	–
420183	2x	–	–	–	–	–
420158	3x	–	–	2x	2x	–

Schrägdach / Pitched roof

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

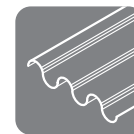
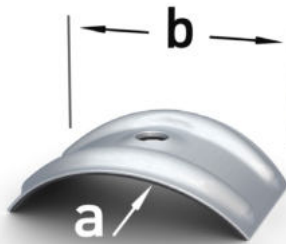
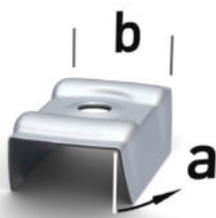
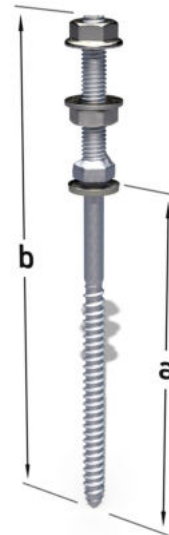
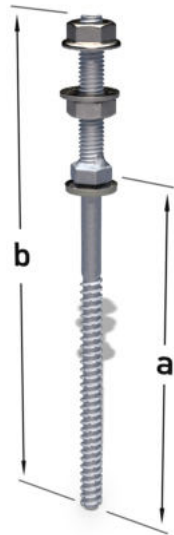
D Solarbefestiger für Holzunterkonstruktion

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

	a (mm)	Item No.
M10 x 200	200	860006
M12 x 250	250	860007
M12 x 300	300	860017
M12 x 350	350	920136
M12 x 400	400	920137



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

	a (mm)	Item No.
M10 x 160	160	920159
M10 x 200	200	920008
M12 x 250	250	920002



- 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

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



- 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

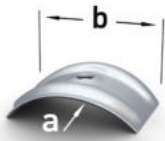
	a (mm)	b (mm)	Item No.
80/50	80	136	900187
100/50	100	156	900188
130/50	130	186	900189
150/50	150	206	900190
180/50	180	236	900191
200/50	200	256	900192



- 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

	a (mm)	b (mm)	Item No.
W15/20	15°	20	900208
W15/25	15°	25	900209
W17/40	17°	40	900210
W22/57	22°	57	900211
W24/30	24°	30	900212
W27/25	27°	25	900213
W30/23	30°	23	900214
W32/54	32°	54	900215

	a (mm)	b (mm)	Item No.
W33/37	33°	37	900216
W35/20	35°	20	900217
W35/28	35°	28	900218
W36/40	36°	40	900219
W38/30	38°	30	900220
W40/26	40°	26	900221
W23/34	23°	34	900222



- 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

	a (mm)	b (mm)	Item No.
R24/37	24	37	900193
R32/51	32	51	900203
R48/62	48	62	900204



- D** Kalotte für Trapezblech W15/20
- UK** Storm washer for trapezoidal sheet W15/20
- F** Calotte pour toitures en tôles à ondes trapézoïdales W15/20
- I** Calotta per tetti a lamiera grecata W15/20
- E** Calota para tejados de chapa trapezoidal W15/20

	a (mm)	b (mm)	Item No.
EPDM	8,4	25	900205



- D** Kalotte für Trapezblech W15/25
- U** Storm washer for trapezoidal sheet W15/25
- F** Calotte pour toitures en tôles à ondes trapézoïdales W15/25
- I** Calotta per tetti a lamiera grecata W15/25
- E** Calota para tejados de chapa trapezoidal W15/25









**Item No.**  
900206

















- D** Kalotte für Trapezblech W17/40
- U** Storm washer for trapezoidal sheet W17/40
- F** Calotte pour toitures en tôles à ondes trapézoïdales W17/40
- I** Calotta per tetti a lamiera grecata W17/40
- E** Calota para tejados de chapa trapezoidal W17/40









**Item No.**  
900207



	<b>D</b> TS+ Schere (SET)	Item No. 420550
	<b>U</b> TS+ V-frame (SET)	
	<b>F</b> TS+ Support en ciseaux (SET)	
	<b>I</b> TS+ Staffa a forbice (SET)	
	<b>E</b> TS+ Perfil articulado (SET)	
	<b>D</b> TS+ Stütze 10°	Item No. 400552
	<b>U</b> TS+ Support 10°	
	<b>F</b> TS+ Colonne 10°	
	<b>I</b> TS+ Puntello 10°	
	<b>E</b> TS+ Soporte 10°	
	<b>D</b> TS+ Stütze 15°	Item No. 400553
	<b>U</b> TS+ Support 15°	
	<b>F</b> TS+ Colonne 15°	
	<b>I</b> TS+ Puntello 15°	
	<b>E</b> TS+ Soporte 15°	
	<b>D</b> TS+ Stütze 20°	Item No. 400554
	<b>U</b> TS+ Support 20°	
	<b>F</b> TS+ Colonne 20°	
	<b>I</b> TS+ Puntello 20°	
	<b>E</b> TS+ Soporte 20°	
	<b>D</b> TS+ Stütze 25°	Item No. 400555
	<b>U</b> TS+ Support 25°	
	<b>F</b> TS+ Colonne 25°	
	<b>I</b> TS+ Puntello 25°	
	<b>E</b> TS+ Soporte 25°	
	<b>D</b> TS+ Stütze 30°	Item No. 400556
	<b>U</b> TS+ Support 30°	
	<b>F</b> TS+ Colonne 30°	
	<b>I</b> TS+ Puntello 30°	
	<b>E</b> TS+ Soporte 30°	
	<b>D</b> TS+ Stütze 35°	Item No. 400557
	<b>U</b> TS+ Support 35°	
	<b>F</b> TS+ Colonne 35°	
	<b>I</b> TS+ Puntello 35°	
	<b>E</b> TS+ Soporte 35°	
	<b>D</b> TS+ Dreieck 10° montiert	Item No. 410552
	<b>U</b> TS+ Triangle 10° assembled	
	<b>F</b> TS+ 10° (monté)	
	<b>I</b> TS+ 10° (montata)	
	<b>E</b> TS+ 10° (montado)	

	<b>D</b> TS+ Dreieck 15° montiert	<b>Item No.</b> 410553
	<b>U</b> TS+ Triangle 15° assembled	
	<b>F</b> TS+ 15° (monté)	
	<b>I</b> TS+ 15° (montata)	
	<b>E</b> TS+ 15° (montado)	
	<b>D</b> TS+ Dreieck 20° montiert	<b>Item No.</b> 410554
	<b>U</b> TS+ Triangle 20° assembled	
	<b>F</b> TS+ 20° (monté)	
	<b>I</b> TS+ 20° (montata)	
	<b>E</b> TS+ 20° (montado)	
	<b>D</b> TS+ Dreieck 25° montiert	<b>Item No.</b> 410555
	<b>U</b> TS+ Triangle 25° assembled	
	<b>F</b> TS+ 25° (monté)	
	<b>I</b> TS+ 25° (montata)	
	<b>E</b> TS+ 25° (montado)	
	<b>D</b> TS+ Dreieck 30° montiert	<b>Item No.</b> 410556
	<b>U</b> TS+ Triangle 30° assembled	
	<b>F</b> TS+ 30° (monté)	
	<b>I</b> TS+ 30° (montata)	
	<b>E</b> TS+ 30° (montado)	
	<b>D</b> TS+ Dreieck 35° montiert	<b>Item No.</b> 410557
	<b>U</b> TS+ Triangle 35° assembled	
	<b>F</b> TS+ 35° (monté)	
	<b>I</b> TS+ 35° (montata)	
	<b>E</b> TS+ 35° (montado)	
	<b>D</b> TS+ L-Profil Querverstrebung (SET)	<b>Item No.</b> 420600
	<b>U</b> TS+ L-Profile cross striving profile (SET)	
	<b>F</b> TS+ Renfort L-profilé croisé complet(SET)	
	<b>I</b> TS+ L-Profil controvento completi (SET)	
	<b>E</b> TS+ L-profil esfuerzo (SET)	
	<b>D</b> TS+ L-Profil Querverstrebung 1900mm (SET)	<b>Item No.</b> 420601
	<b>U</b> TS+ L-Profile cross striving profile 1900mm(SET)	
	<b>F</b> TS+ Renfort L-profilé croisé complet 1900mm(SET)	
	<b>I</b> TS+ L-Profil controvento completi 1900mm (SET)	
	<b>E</b> TS+ L-profil esfuerzo 1900mm(SET)	

	D VS+ Montageschiene 41 x 35 x 2100 mm	Item No. 400515
	U VS+ Mounting rail 41 x 35 x 2100 mm	
	F VS+ Profilé de montage 41 x 35 x 2100 mm	
	I VS+ Guida alluminio 41 x 35 x 2100 mm	
	E VS+ Perfil base 41 x 35 x 2100 mm	
	D VS+ Montageschiene 41 x 35 x 3200 mm	Item No. 400511
	U VS+ Mounting rail 41 x 35 x 3200 mm	
	F VS+ Profilé de montage 41 x 35 x 3200 mm	
	I VS+ Guida alluminio 41 x 35 x 3200 mm	
	E VS+ Perfil base 41 x 35 x 3200 mm	
	D VS+ Montageschiene 41 x 35 x 3200 mm (schwarz)	Item No. 400511-B
	U VS+ Mounting rail 41 x 35 x 3200 mm (black)	
	F VS+ Profilé de montage 41 x 35 x 3200 mm (noir)	
	I VS+ Guida alluminio 41 x 35 x 3200 mm (nero)	
	E VS+ Perfil base 41 x 35 x 3200 mm (negro)	
	D VS+ Montageschiene 41 x 35 x 4200 mm	Item No. 400512
	U VS+ Mounting rail 41 x 35 x 4200 mm	
	F VS+ Profilé de montage 41 x 35 x 4200 mm	
	I VS+ Guida alluminio 41 x 35 x 4200 mm	
	E VS+ Perfil base 41 x 35 x 4200 mm	
	D VS+ Montageschiene 41 x 35 x 4200 mm (schwarz)	Item No. 400512-B
	U VS+ Mounting rail 41 x 35 x 4200 mm (black)	
	F VS+ Profilé de montage 41 x 35 x 4200 mm (noir)	
	I VS+ Guida alluminio 41 x 35 x 4200 mm (nero)	
	E VS+ Perfil base 41 x 35 x 4200 mm (negro)	
	D VS+ Montageschiene 41 x 35 x 6200 mm	Item No. 400513
	U VS+ Mounting rail 41 x 35 x 6200 mm	
	F VS+ Profilé de montage 41 x 35 x 6200 mm	
	I VS+ Guida alluminio 41 x 35 x 6200 mm	
	E VS+ Perfil base 41 x 35 x 6200 mm	
	D VS+ Montageschiene 41 x 35 mm Zuschnitt/m	Item No. 400519
	U VS+ Mounting rail 41 x 35 custom cut /m	
	F VS+ Profilé de montage 41 x 35 coupe /m	
	I VS+ Guida alluminio 41 x 35 su misura /m	
	E VS+ Perfil base 41 x 35 a medida /m	
	D VS+ Montageschiene 41 x 35 mm Zuschnitt/m (schwarz)	Item No. 400519-B
	U VS+ Mounting rail 41 x 35 custom cut /m (black)	
	F VS+ Profilé de montage 41 x 35 coupe /m (noir)	
	I VS+ Guida alluminio 41 x 35 su misura /m (nero)	
	E VS+ Perfil base 41 x 35 a medida /m (negro)	

	D VS+ Montageschiene 50 x 37 x 2100 mm	Item No. 400510
	U VS+ Mounting rail 50 x 37 x 2100 mm	
	F VS+ Profilé de montage 50 x 37 x 2100 mm	
	I VS+ Guida alluminio 50 x 37 x 2100 mm	
	E VS+ Perfil base 50 x 37 x 2100 mm	
	D VS+ Montageschiene 50 x 37 x 3200 mm	Item No. 400502
	U VS+ Mounting rail 50 x 37 x 3200 mm	
	F VS+ Profilé de montage 50 x 37 x 3200 mm	
	I VS+ Guida alluminio 50 x 37 x 3200 mm	
	E VS+ Perfil base 50 x 37 x 3200 mm	
	D VS+ Montageschiene 50 x 37 x 3200 mm (schwarz)	Item No. 400502-B
	U VS+ Mounting rail 50 x 37 x 3200 mm (black)	
	F VS+ Profilé de montage 50 x 37 x 3200 mm (noir)	
	I VS+ Guida alluminio 50 x 37 x 3200 mm (nero)	
	E VS+ Perfil base 50 x 37 x 3200 mm (negro)	
	D VS+ Montageschiene 50 x 37 x 4200 mm	Item No. 400505
	U VS+ Mounting rail 50 x 37 x 4200 mm	
	F VS+ Profilé de montage 50 x 37 x 4200 mm	
	I VS+ Guida alluminio 50 x 37 x 4200 mm	
	E VS+ Perfil base 50 x 37 x 4200 mm	
	D VS+ Montageschiene 50 x 37 x 4200 mm (schwarz)	Item No. 400505-B
	U VS+ Mounting rail 50 x 37 x 4200 mm (black)	
	F VS+ Profilé de montage 50 x 37 x 4200 mm (noir)	
	I VS+ Guida alluminio 50 x 37 x 4200 mm (nero)	
	E VS+ Perfil base 50 x 37 x 4200 mm (negro)	
	D VS+ Montageschiene 50 x 37 x 6200 mm	Item No. 400506
	U VS+ Mounting rail 50 x 37 x 6200 mm	
	F VS+ Profilé de montage 50 x 37 x 6200 mm	
	I VS+ Guida alluminio 50 x 37 x 6200 mm	
	E VS+ Perfil base 50 x 37 x 6200 mm	
	D VS+ Montageschiene 50 x 37 mm Zuschnitt/m	Item No. 400509
	U VS+ Mounting rail 50 x 37 custom cut /m	
	F VS+ Profilé de montage 50 x 37 coupe /m	
	I VS+ Guida alluminio 50 x 37 su misura /m	
	E VS+ Perfil base 50 x 37 a medida /m	
	D VS+ Montageschiene 50 x 37 mm Zuschnitt/m (schwarz)	Item No. 400509-B
	U VS+ Mounting rail 50 x 37 custom cut /m (black)	
	F VS+ Profilé de montage 50 x 37 coupe /m (noir)	
	I VS+ Guida alluminio 50 x 37 su misura /m (nero)	
	E VS+ Perfil base 50 x 37 a medida /m (negro)	



	D VS+ Schienenverbinder 41 x 35	Item No. 400531
	U 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
	U 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 Abschlusskappe LINKS / RECHTS (grau ) 50x37	Item No. 920044
	U 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
	U 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
	U 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
	U 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)	
	D Kreuzschienenverbinder+	Item No. 420083
	U Cross rail connector+	
	F Raccord perpendiculaire+	
	I Connettore perpendicolare+	
	E Carril de unión perpendicular+	
	D Kreuzschienenverbinder+ (schwarz)	Item No. 420083-BE
	U Cross rail connector+ (black)	
	F Raccord perpendiculaire+ (noir)	
	I Connettore perpendicolare+ (nero)	
	E Carril de unión perpendicular+ (negro)	

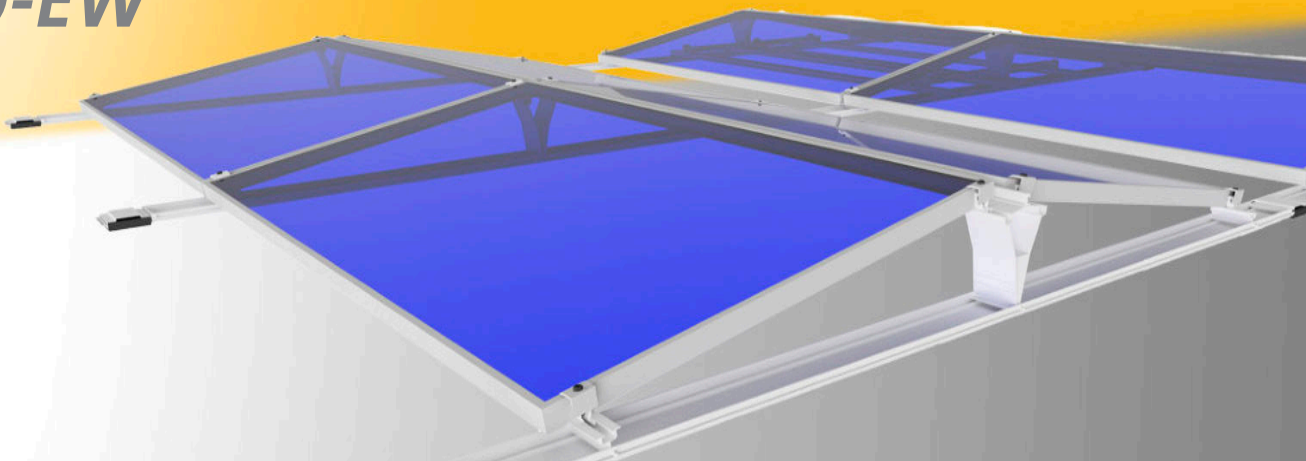
***FS10-S***



***FS18-S***

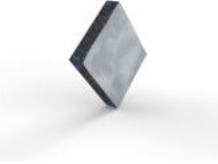





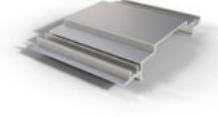



***FS10-EW***










***FS10/18-S FS10-EW***

	D Bodenschiene FS10-S 1389 mm	Item No. 500400
	U 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 FS18-S 1739 mm	Item No. 500401
	U Base rail FS18-S 1739 mm	
	F Rail de montage FS18-S 1739 mm	
	I Guida di supporto FS18-S 1739 mm	
	E Perfil de montaje FS18-S 1739 mm	
	D Bodenschiene FS10-S 1639 mm	Item No. 500402
	U 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 FS18-S 1989 mm	Item No. 500403
	U Base rail FS18-S 1989 mm	
	F Rail de montage FS18-S 1989 mm	
	I Guida di supporto FS18-S 1989 mm	
	E Perfil de montaje FS18-S 1989 mm	
	D Bodenschiene FS10-EW 1989 mm	Item No. 500501
	U 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
	U Base rail FS10-EW 2060 mm	
	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
	U 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 Bautenschutzmatte 110x95x20mm standard	Item No. 500410
	U 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
	U	Roof protection pad 110x95x20mm alu coated	
	F	Tapis de protection 110x95x20 mm revêtement alu	
	I	Stuoia di protezone 110x95x20mm effetto alluminio	
	E	Protección para la cubierta 110x95x20mm forrada de aluminio	
	D	Bautenschutzmatte 1000x100x11 mm für Bodenschiene	Item No. 500412
	U	Roof protection pad 1000x100x11 mm for base rail	
	F	Tapis de protection 1000x100x11 mm pour rail de montage	
	I	Stuoia di protezone 1000x100x11 mm par guida di supporto	
	E	Protección para la cubierta 1000x100x11 mm para perfil de montaje	
	D	Auflager Traufe	Item No. 500420
	U	Eave support	
	F	Support de gouttière	
	I	Supporto grondaia	
	E	Soporte canalón	
	D	Auflager First 10°	Item No. 500421
	U	Ridge support 10°	
	F	Support de faîte 10°	
	I	Supporto colmo 10°	
	E	Soporte cumbrera 10°	
	D	Auflager First 18° (montiert)	Item No. 510422
	U	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
	U	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	Bodenschienenverbinder	Item No. 500404
	U	Base rail connector	
	F	Raccord pour rails	
	I	Raccordo per guide	
	E	Unión para perfiles de montaje	
	D	Streamliner FS10-S	Item No. 500430
	U	Streamliner FS10-S	
	F	Streamliner FS10-S	
	I	Streamliner FS10-S	
	E	Streamliner FS10-S	

	<b>D</b> Streamliner FS10-S 2050 mm	Item No. 520433
	<b>U</b> Streamliner FS10-S 2050 mm	
	<b>F</b> Streamliner FS10-S 2050 mm	
	<b>I</b> Streamliner FS10-S 2050 mm	
	<b>E</b> Streamliner FS10-S 2050 mm	
	<b>D</b> Streamliner FS18-S (SET)	Item No. 520431
	<b>U</b> Streamliner FS18-S (SET)	
	<b>F</b> Streamliner FS18-S (SET)	
	<b>I</b> Streamliner FS18-S (SET)	
	<b>E</b> Streamliner FS18-S (SET)	
	<b>D</b> Streamliner FS18-S 2050 mm (SET)	Item No. 520432
	<b>U</b> Streamliner FS18-S 2050 mm (SET)	
	<b>F</b> Streamliner FS18-S 2050 mm (SET)	
	<b>I</b> Streamliner FS18-S 2050 mm (SET)	
	<b>E</b> Streamliner FS18-S 2050 mm (SET)	
	<b>D</b> Falzklemme mit geradem Anschluss aus nichtrostendem Stahl	Item No. 900251
	<b>U</b> Saddle clamp straight attachment stainless steel	
	<b>F</b> Pince/attache verticale en acier inox	
	<b>I</b> Morsetti a sella con attacco verticale in acciaio inossidabile	
	<b>E</b> Fijador en pliegue con conexión recto de acero inoxidable	
	<b>D</b> Steckbolzen 6x110 mm	Item No. 900314
	<b>U</b> Socket bolt 6 x 110 mm	
	<b>F</b> Axe débrochable 6 x 110 mm	
	<b>I</b> Vite cilindrica a scatto rapido 6x110	
	<b>E</b> Perno Enchufable 6x110	
	<b>D</b> Bohrschaube 4,8x19 A2	Item No. 900229
	<b>U</b> Self Drilling Screw 4,8x19 A2	
	<b>F</b> Vis autoforeuse 4,8x19 A2	
	<b>I</b> Vite autop perforante 4,8x19 A2	
	<b>E</b> Tornillo autop perforante 4,8x19 A2	
	<b>D</b> Bohrschaube 5,5x35 A2	Item No. 900234
	<b>U</b> Self Drilling Screw 5,5x35 A2	
	<b>F</b> Vis autoforeuse 5,5x35 A2	
	<b>I</b> Vite autop perforante 5,5x35 A2	
	<b>E</b> Tornillo autop perforante 5,5x35 A2	
	<b>D</b> U-Scheibe DIN9021-6,4-A2	Item No. 900028
	<b>U</b> Plain washer DIN9021-6,4-A2	
	<b>F</b> Rondelle DIN9021-6,4-A2	
	<b>I</b> Rondella DIN9021-6,4-A2	
	<b>E</b> Arandela DIN9021-6,4-A2	








	D Falzklemme mit gewinkelt Anschluss aus Aluminium	Item No. 900252
	U Saddle clamp with angle attachment aluminum	
	F Pince/attache angulaire en aluminium	
	I Morsetti a sella con attacco angolare in alluminio	
	E Fijador en pligüe von conexión en ángulo de aluminio	
	D Fangspitze Aluminium 1500 mm, Durchmesser 10 mm	Item No. 900253
	U Air-termination Rod Aluminum 1500 mm, diameter 10 mm	
	F Paratonnerre aluminium 1500 mm ; diamètre 10 mm	
	I Asta di captazione in alluminio 1500 mm, diametro 10 mm	
	E Puntas captadoras de aluminio 1500 mm, diámetro 10 mm	
	D FS10-EW Ballastierungsset (SET)	Item No. 520500
	U FS10-EW Ballast set (SET)	
	F Set de remplissage FS10-EW (Set)	
	I Set di ballast per FS10-EW (Set)	
	E Juego por lastre para FS10-EW (Set)	
	D Ballastset FS10/18-S (Set)	Item No. 520510
	U Ballast set FS10/18-S (SET)	
	F Set de remplissage FS10/FS18S (Set)	
	I Set di ballast per FS10/FS18S (Set)	
	E Juego por lastre para FS10/FS18S (Set)	
	D ECO Ballastset FS	Item No. 520501
	U 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 Aluminiumseil Durchmesser 9 mm; Querschnitt 50 mm <sup>2</sup>	Item No. 900256
	U Aluminum cable, diameter 9 mm, cross section 50 mm <sup>2</sup>	
	F Câble alu, diamètre 9mm ; section 50mm <sup>2</sup>	
	I Cavo in alluminio, diametro 9 mm, sezione 50 mm <sup>2</sup>	
	E Cuerda de aluminio diámetro 9 mm, superficie útil 50 mm <sup>2</sup>	
	D Aluminiumrunddraht Durchmesser 8 mm	Item No. 900257
	U Aluminum round wire, Diameter 8 mm	
	F Fil alu ; diamètre 8mm	
	I Filo rotondo in alluminio, diametro 8 mm	
	E Alambre redondo de aluminio diámetro 8 mm	



# CS+ ballasted PV-Mounting System

CS+



	D ConSole+ (inkl. Montagematerial und U-Profile)	Item No. 520075-K
	U 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
	U Streamliner+	
	F Streamliner+	
	I Streamliner+	
	E Streamliner+	
	D Verlängerungsschienen für ConSole 4.1, 4.2, 5.2, 6.2	Item No. 460001
	U 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
	U 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
	U 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
	U 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
	U 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
	U 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
	U InterSole Anchor	
	F InterSole Ancre	
	I InterSole Ancoraggio	
	E InterSole Gancho	
	D Winkel Standard	Item No. 860010
	U Bracket Standard	
	F Equerre standard	
	I Squadretta Standard	
	E Escuadra de montaje estándar	
	D Winkel Low	Item No. 860011
	U Bracket Low	
	F Equerre basse	
	I Squadretta Low	
	E Escuadra de montaje baja	
	D Montageschiene 3000 mm	Item No. 400018
	U Mounting rail 3000 mm	
	F Profilé de montage 3000 mm	
	I InterSole Guida in alluminio 3000 mm	
	E InterSole Perfil 3000 mm	
	D Montageschiene Zuschnitt/m	Item No. 460018
	U 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 Montageschiene 3000mm (schwarz)	Item No. 400018-B
	U InterSole Mounting rail 3000mm (black)	
	F InterSole Profilé de montage 3000 mm (noir)	
	I InterSole Guida in alluminio 3000 mm (nero)	
	E InterSole Perfil 3000 mm (negro)	
	D Montageschiene Zuschnitt /m (schwarz)	Item No. 460018-B
	U Mounting Rail custom cut /m (black)	
	F Profilé de montage coupe/m (noir)	
	I InterSole Guida in alluminio su misura /m (nero)	
	E Intersole Perfil a medida /m (negro)	



	D InterSole Schienenverbinder	Item No. 400025
	U 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
	U 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
	U InterSole Gutter LOWER (black)	
	F InterSole Esthétivette INFÉRIEURE (noire)	
	I InterSole Scossalina INFERIORE (nera)	
	E InterSole Chapa de protección INFERIOR (negro)	
	D InterSole Anschlußblech SEITLICH	Item No. 700001
	U 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
	U 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
	U 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
	U 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
	U InterSole Gutter UPPER	
	F InterSole Esthétivette SUPÉRIEURE	
	I InterSole Scossalina SUPERIORE	
	E InterSole Chapa de protección SUPERIOR	



	D InterSole Anschlussblech OBEN (schwarz)	Item No. 700003-B
	U InterSole Gutter UPPER (black)	
	F InterSole Esthétivette SUPERIEURE (noire)	
	I InterSole Scossalina SUPERIORE (nera)	
	E InterSole Chapa de protección SUPERIOR (negro)	
	D Wasserfeste Schürze 400 x 6000 mm (schwarz)	Item No. 300002
	U Sealing strip 400 x 6000 mm (black)	
	F Tablier de protection 400 x 6000 mm (noir)	
	I Membrana impermeabile 400 x 6000 mm (nero)	
	E Faldon de estanqueidad 400 x 6000 mm (negro)	
	D Wasserfeste Schürze 400 x 6000 mm (rot)	Item No. 300003
	U Sealing strip 400 x 6000 mm (red)	
	F Tablier de protection 400 x 6000 mm (rouge)	
	I Membrana impermeabile 400 x 6000 mm (rosso)	
	E Faldon de estanqueidad 400 x 6000 mm (rojo)	
	D Wasserfeste Schürze 400 x 12000 mm (schwarz)	Item No. 300004
	U Sealing strip 400 x 12000 mm (black)	
	F Tablier de protection 400 x 12000 mm (noir)	
	I Membrana impermeabile 400 x 12000 mm (nero)	
	E Faldon de estanqueidad 400 x 12000 mm (negro)	
	D Wasserfeste Schürze 400 x 12000 mm (rot)	Item No. 300005
	U Sealing strip 400 x 12000 mm (red)	
	F Tablier de protection 400 x 12000 mm (rouge)	
	I Membrana impermeabile 400 x 12000 mm (rosso)	
	E Faldon de estanqueidad 400 x 12000 mm (rojo)	
	D Wasserfeste Schürze 500 x 6000 mm (schwarz)	Item No. 300006
	U Sealing strip 500 x 6000 mm (black)	
	F Tablier de protection 500 x 6000 mm (noir)	
	I Membrana impermeabile 500 x 6000 mm (nero)	
	E Faldon de estanqueidad 500 x 6000 mm (negro)	
	D Wasserfeste Schürze 500 x 6000 mm (rot)	Item No. 300009
	U Sealing strip 500 x 6000 mm (red)	
	F Tablier de protection 500 x 6000 mm (rouge)	
	I Membrana impermeabile 500 x 6000 mm (rosso)	
	E Faldon de estanqueidad 500 x 6000 mm (rojo)	
	D Komriband 20 x 4000 mm	Item No. 300100
	U 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	

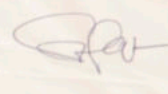
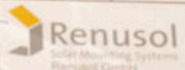




	D Kleber für wasserfeste Schürze 290 ml	Item No. 300000
	U Sealing strip Glue 290 ml	
	F Adhésif pour tablier de protection 290 ml	
	I Colla per membrana impermeabile 290 ml	
	E Adesivo faldon de estanqueidad 290 ml	
	D Hafte	Item No. 720011
	U Mounting clip	
	F Griffe	
	I Graffetta per scossaline	
	E Enganche	
	D Spenglerschraube 4,5 x 45	Item No. 900011
	U 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
	U 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
	U Service for InterSole layout	
	F Forfait de service de InterSole schémas	
	I Forfait de servizio InterSole disegno	
	E Servicio InterSole dibujo	








# ONE FOR ALL!









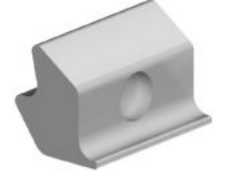
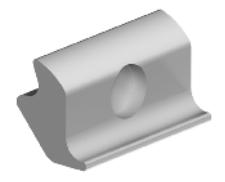
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Datum: 05.09.14		Land: de	420080		
Name: RS1		RS1			
		 Solar Mounting Systems Renusol Center Pflanzweg 2 51063 Köln		1 AL	

**RS1**



	D RS1	Item No. 420080
	U RS1	
	F RS1	
	I RS1	
	E RS1	
	D RS1 (schwarz)	Item No. 420080-BE
	U RS1 (black)	
	F RS1 (noire)	
	I RS1 (nero)	
	E RS1 (negro)	
	D Endklemme+	Item No. 420081
	U End clamp+	
	F Bride simple+	
	I Morsetto terminale+	
	E Fijador lateral+	
	D Endklemme+ (schwarz)	Item No. 420081-BE
	U End clamp+ (black)	
	F Bride simple+ (noire)	
	I Morsetto terminale+ (nero)	
	E Fijador lateral+ (negro)	
	D Mittelklemme+	Item No. 420082
	U Middle clamp+	
	F Bride double+	
	I Morsetto intermedio+	
	E Fijador intermedio+	
	D Mittelklemme+ (schwarz)	Item No. 420082-BE
	U Middle clamp+ (black)	
	F Bride double+ (noire)	
	I Morsetto intermedio+ (nero)	
	E Fijador intermedio+ (negro)	
	D P-Clip Potentialausgleich	Item No. 900268
	U 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. 400254
	U 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. 400255
	U 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. 400259
	U 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
	U 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
	U 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. 400284
	U 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
	U 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 Stehfalzklemme K-Grip-Mini (GXM50)	Item No. 400285
	U Clamp for standing seam K-Grip Mini (GXM50)	
	F Bride pour couverture à joint debout K-Grip Mini (GXM50)	
	I Lamiera graffata K-Grip Mini (GXM50)	
	E Fijador K-Grip Mini (GXM50)	






	D S-5I Stehfalzklemme R-465-Mini	Item No. 400563
	U S-5I Clamp for standing seam R-465-Mini	
	F S-5I Bride pour couverture à joint debout R-465-Mini	
	I S-5I Lamiera graffata R-465-Mini	
	E S-5I Fijador R-465-Mini	
	D Kalzip Stehfalzklemme Typ FS	Item No. 400256
	U 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 Rundfalzklemme für Kalzip und ähnliche	Item No. 400362
	U 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 Stehfalzklemme KL+	Item No. 400602
	U Clamp for standing seam KL+	
	F Bride pour couverture à joint debout KL+	
	I Lamiera graffata KL+	
	E Fijador KL+	
	D Rib-Roof Stehfalzklemme 465	Item No. 400257
	U 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
	U 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 LC1 Endklemme	Item No. 420084
	U LC1 End clamp	
	F LC1 Bride simple	
	I LC1 Morsetto terminale	
	E LC1 Fijador lateral	
	D LC1 Endklemme schwarz	Item No. 420084-B
	U LC1 End clamp black	
	F LC1 Bride simple noire	
	I LC1 Morsetto terminale nero	
	E LC1 Fijador lateral negro	



	<b>D</b> LC1 Mittelklemme	<b>Item No.</b> 420085
	<b>U</b> LC1 Middle clamp	
	<b>F</b> LC1 Bride double	
	<b>I</b> LC1 Morsetto intermedio	
	<b>E</b> LC1 Fijador intermedio	

	<b>D</b> LC1 Mittelklemme schwarz	<b>Item No.</b> 420085-B
	<b>U</b> LC1 Middle clamp black	
	<b>F</b> LC1 Bride double noire	
	<b>I</b> LC1 Morsetto intermedio nero	
	<b>E</b> LC1 Fijador intermedio negro	

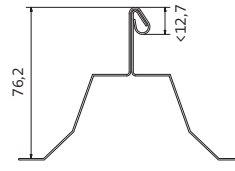
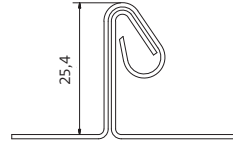
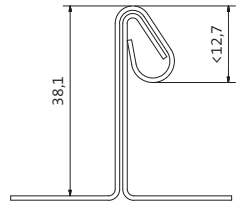
	<b>D</b> Gewindestift ähnl.DIN4027 M10x13	<b>Item No.</b> 900199
	<b>U</b> Grub screw similar DIN4027 M10x13	
	<b>F</b> Vis sans tête similaire DIN4027 M10x13	
	<b>I</b> Vite di serraggio simile a DIN4027 M10x13	
	<b>E</b> Tornillo prisionero similar a DIN4027 M10x13	



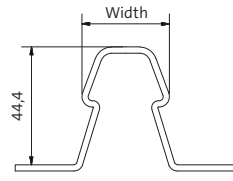
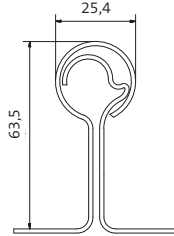


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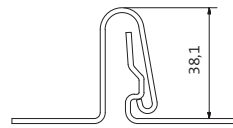
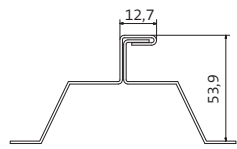
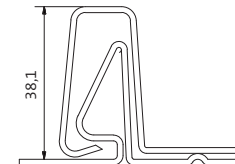
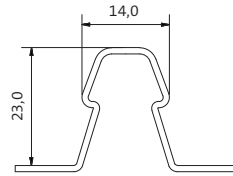
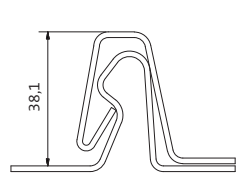
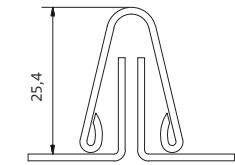
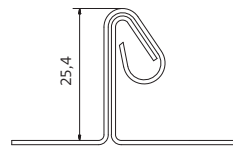
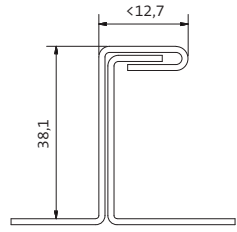
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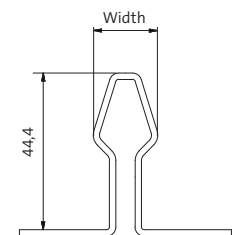
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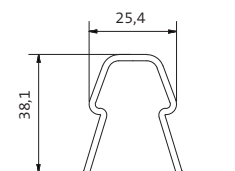
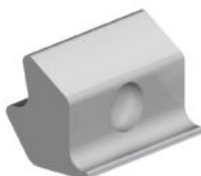
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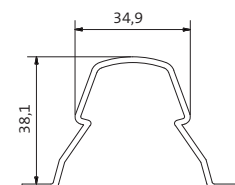
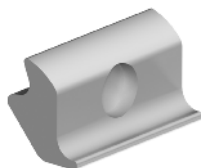
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	D 6kt. Sperrzahnmutter mit Flansch M8	Item No. 900001
	U Hexagon Nut w. serration M8	
	F Ecrou M8	
	I Dado flang. M8	
	E Tuerca dentada M8	
	D 6kt. Mutter ISO 4032 - M8 A2-70	Item No. 900036
	U Hexagon nut ISO 4032 - M8 A2-70	
	F Ecrou ISO 4032 - 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
	U 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
	U 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
	U 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
	U 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
	U 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
	U 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
	U Washer M8	
	F Rondelle M8	
	I Rondella M8	
	E Arandela M8	
	D Kabelclip 0,7-3mm mit Kabelbinder	Item No. 900035
	U 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
	U Wire clip 90°	
	F Porte-câble 90°	
	I Portacavo 90°	
	E Soporte de cables	
	D Kabelclip Omega	Item No. 900261
	U Wire clip Omega	
	F Clip de fixation de câbles Omega	
	I Clip Omega	
	E Clip de cables Omega	
	D Diebstahlsicherung Flüssigmetall	Item No. 900230
	U Anti theft liquid metal	
	F Protection antivol - Métal liquide	
	I Protezione antifurto - Metallo liquido	
	E Protección antirrobo - Metal líquido	
	D UNI-Falzklemme	Item No. 900240
	U 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
	U UNI-Grounding clamp	
	F UNI-Borne de terre	
	I UNI-Morsetto di messa a terra	
	E UNI-Terminal de puesta a tierra	
	D Befestigungskit für SolarEdge Optimizer(SET)	Item No. 420271
	U 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 fijación para SolarEdge Optimizer	



	D Winkel M10	Item No. 420014
	U Bracket M10	
	F Equerre M10	
	I Squadretta M10	
	E Escuadra M10	
	D Winkel M12	Item No. 420012
	U Bracket M12	
	F Equerre M12	
	I Squadretta M12	
	E Escuadra M12	
	D Winkel M10 (Anbindung versetzt)	Item No. 420131
	U 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
	U 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
	U 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
	U 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
	U 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 Vorsatzgerät SFS DS-K 265 für Akkuschauber	Item No. 999900
	U Attachment SFS DS-K 265 for cordless screwdriver	
	F Adaptateur SFS DS-K 265 pour visseuse électrique	
	I Adattatore SFS DS-K 265 per avvitatore a batteria	
	E Adaptator SFS DS-K 265 por atornilladora de acu	



	D Bohrvorlage MetaSole+ mit Nieten	Item No. 999924
	U Drill template MetaSole+ with rivets	
	F Gabarit de perçage rivets MS+	
	I Dima di foratura per rivetti MS+	
	E Plantilla de taladrado MS+ remachado	
	D Powerbird Solar für Niete	Item No. 999930
	U Powerbird Solar for rivet	
	F Powerbird Solar pour rivet	
	I Powerbird Solar per rivetti	
	E Powerbird Solar para remanche	
	D Bohrkronen Multiträger	Item No. 999921
	U Core drill bit multi support	
	F Couronne de carottage multi-support	
	I Seghe a tazza multiplo supporto	
	E Broca de perforacion soporte multiple	
	D Montage-Bit mit Spannring 8mm	Item No. 999940
	U 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 Montage-Bit - Stehfalzklemme	Item No. 900250
	U Assembly bit - standing seam clamp	
	F Embout de montage - Toiture à pincement verticale	
	I Punta di montaggio - Morsetti per lamiera aggraffata	
	E Punta para instalación - Junta alzada	



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



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