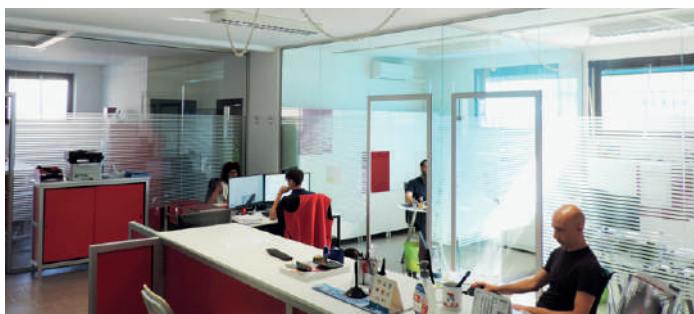


ALEA SOLAR

COMPONENTI PER IL SOLARE
SOLAR COMPONENTS
SOLARKOMPONENTEN
COMPOSANTS SOLAIRES
COMPONENTES SOLARES





ALEA SISTEMI è un gruppo di professionisti che utilizza competenza e capacità per soddisfare le esigenze dei clienti, con il fine di creare una sinergia produttiva per tutte le parti coinvolte nel progetto. I servizi a disposizione del cliente sono:

- 1 - Vendita profilati e accessori
- 2 - Reparto produttivo

ALEA SISTEMI is a team of professionals who combine expertise and skills to meet customers' needs, with the aim of creating a productive synergy for all parties involved in the project.

The services available to our customers are:

- 1 - Sale of profiles and accessories
- 2 - Production department



1 Vendita profilati e accessori

Produce un'ampia gamma di profili in estruso di alluminio e una serie completa di accessori, che vengono stoccati presso i magazzini ALEA SISTEMI, questo permette al cliente di scegliere il prodotto più adatto alle proprie esigenze con una consegna immediata

Sale of profiles and accessories

It offers a wide range of extruded aluminum profiles and a complete range of accessories, all stocked in ALEA SISTEMI's warehouses. This allows customers to choose the product best suited to their needs, with immediate delivery.



2 Reparto produttivo

Formato da un ufficio commerciale, ufficio tecnico, produzione e magazzino che si occupano della progettazione e della produzione di strutture industriali, postazioni di lavoro, ripari di sicurezza, nastri trasportatori, rulliere, sistemi lineari e di scorrimento. Segue e supporta il cliente fin dalla fase di progettazione, per definire e realizzare prodotti con possibilità di personalizzazione che sono il vero punto distintivo dell'azienda.

Production department

Comprising a sales office, technical department, production department and warehouse, it specializes in the design and manufacture of industrial structures, workstations, safety guards, conveyor belts, roller conveyors, linear systems and sliding systems. The company supports and assists customers from the design stage onwards, defining and developing customizable products that represent the company's true distinguishing feature.

CERTIFICATE



This is to certify that

ALEA SISTEMI S.r.l.

Via Natale Bruno, 36 - 10098 RIVOLI (TO), Italy

Quality Management System has been assessed and registered as conforming with the requirements of the ISO 9001:2015.

Scope:

Production and Marketing of Aluminum Profiles, Components and Related Accessories. Design and Production of Modular Aluminum Structures, Conveyor Belts and Modular Fences.

Produzione e Commercializzazione di Profili in Alluminio, Componenti e Relativi Accessori. Progettazione e Produzione di Strutture Modulari in Alluminio, Nastri Trasportatori e Recinzioni Modulari.

Certificate Registration No. 001817-1-IT-1-QMS

Certified Since	16.11.2023
Valid From	16.11.2023
Valid Until	15.11.2025
Recertification Before	15.11.2026



Managing Director



ISO 9001



WWW.JAS-ANZ.ORG/REGISTER



Business Systems Certification Pty, Ltd. (BCert), 15 Colman Close, Ropes Crossing NSW 2760, Australia

Certification is subject to satisfactory ongoing Surveillance Assessments.

The validity of this certificate can be verified at www.jas-anz.org/register

Issue No.2 Date. 21.11.2024

Soluzioni e componenti per il fissaggio e il montaggio di pannelli fotovoltaici e solare termico

ALEA SOLAR è la linea di profili e accessori dedicata al mondo del fotovoltaico, sviluppata per offrire soluzioni pratiche, affidabili e versatili per l'installazione di impianti solari. La gamma comprende profili in alluminio, staffe di supporto, graffette di fissaggio e accessori per il montaggio dei pannelli. Tutti i sistemi sono progettati per rispondere alle diverse esigenze di installazione su coperture industriali, commerciali e residenziali. Ogni componente della linea ALEA SOLAR è studiato per favorire la semplicità di montaggio, la solidità del fissaggio e l'integrazione con le diverse tipologie di copertura. La base di tutto il sistema è costituita da una robusta e affidabile gamma di profili in alluminio estruso lega EN AW 6060 T6, realizzato secondo la norma EN 12020-2 che ne garantisce la precisione.

Solutions and components for mounting and fastening photovoltaic and solar thermal panels

ALEA SOLAR is the range of profiles and accessories dedicated to the photovoltaic sector, developed to provide practical, reliable and versatile solutions for solar system installation. The range includes aluminium profiles, support brackets, mounting clamps and accessories for panel installation. All systems are designed to meet the different installation requirements of industrial, commercial and residential roofs. Each component of the ALEA SOLAR range is designed to ensure ease of installation, secure fastening and compatibility with different types of roofing. At the core of the system is a robust and reliable range of extruded aluminium profiles, made from EN AW 6060 T6 alloy and manufactured in accordance with EN 12020-2, ensuring high dimensional precision.



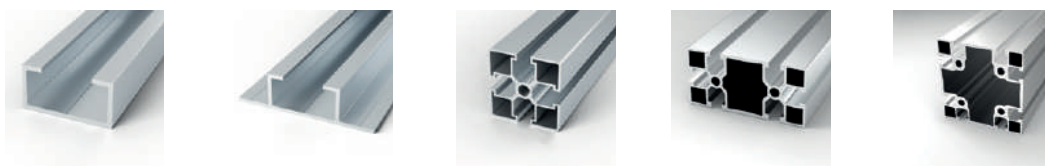
PROPRIETA' MECCANICHE / MECHANICAL PROPERTIES

	RM (N/MM ²)	RP0.2 (N/MM ²)	A (%)	HB	E (N/MM ²)	α (K ⁻¹)	TF (°C)	λ (W/MK)	ρ (g/MM ³)
EN-AW 6060 T6	190	150	8	70	69000	25X10 ⁻⁶	615-655	210	0.033

COMPOSIZIONE CHIMICA / CHEMICAL COMPOSITION

	Cu	Fe	Mn	Mg	Si	Zn	Cr	Ti	Al
EN-AW 6060 T6	0.10	0.1-0.3	0.10	0.35-0.60	0.30-0.60	0.15	0.05	0.10	98-99





Profilati
Profiles
Profile
Profils
Perfiles



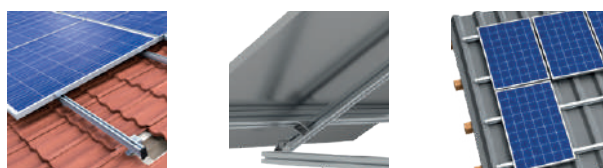
Accessori
Accessories
Zubehör
Accessoires
Accesorios



Staffe e graffette
Brackets and Clips
Halterungen und Klemmen
Supports et clips
Soportes y grapas



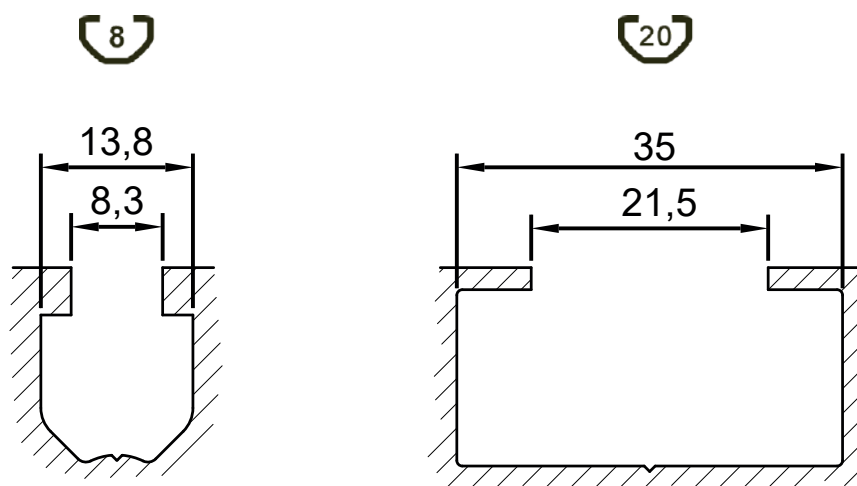
Triangoli
Triangles
Dreiecke
Triangles
Triángulos



Applicazioni
Applications
Anwendungen
Applications
Aplicaciones

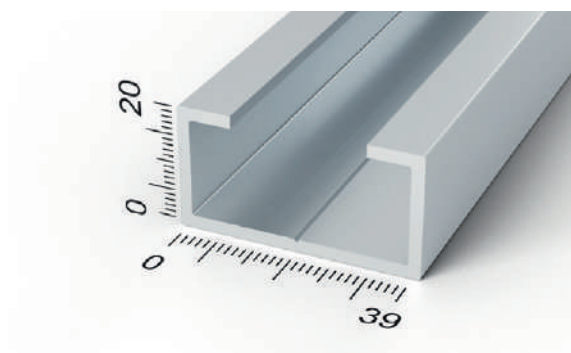
Forma e sezione delle cave

Shape and cross-section of the grooves / Form und Querschnitt der Nuten
Forme et section des rainures / Forma y sección de las ranura



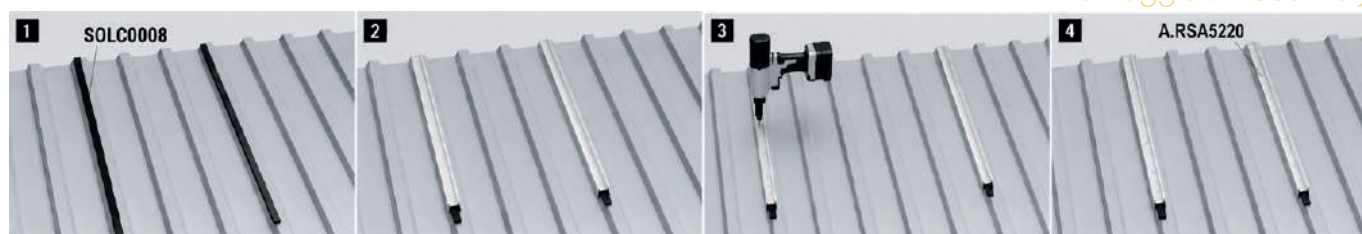
Profilato 20x39

20x39 profile / 20x39 Profil / Profilé 20x39 / Perfil 20x39



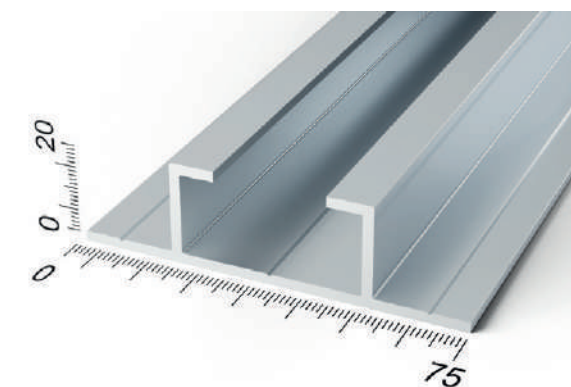
PS202039 Grezzo / Raw / Roh / Brut / Crudo		
Misura / Size	20x39	mm
Ix	0,97	cm ⁴
Iy	4,00	cm ⁴
Wx	0,97	cm ³
Wy	2,00	cm ³
Sezione / Section	176,75	mm ²
Peso / Weight	0,48	kg/m

Montaggio / Assembly



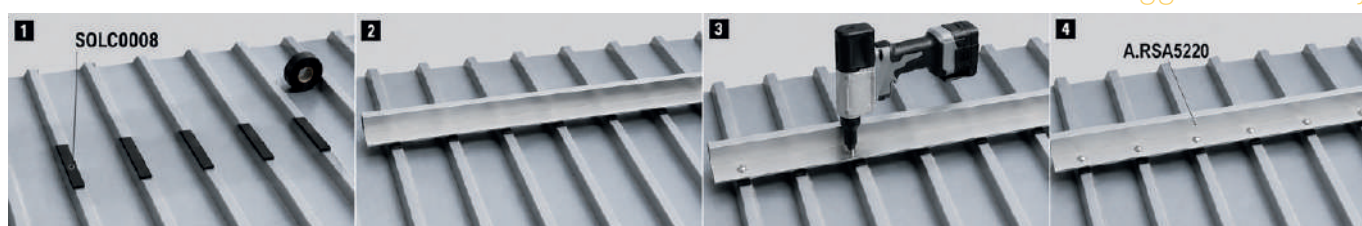
Profilato 20x75

20x75 profile / 20x75 Profil / Profilé 20x75 / Perfil 20x75



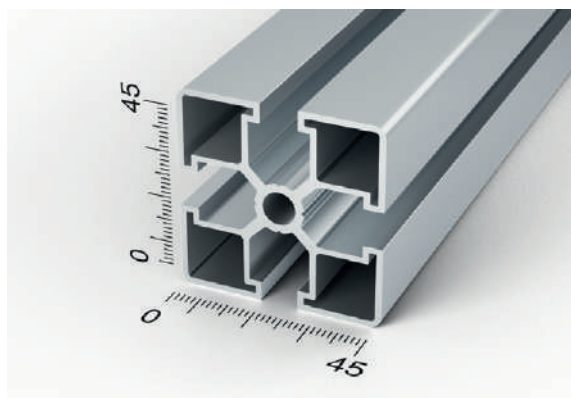
PS202075 Grezzo / Raw / Roh / Brut / Crudo		
Misura / Size	75x20	mm
Ix	1,21	cm ⁴
Iy	10,00	cm ⁴
Wx	1,21	cm ³
Wy	2,67	cm ³
Sezione / Section	248,41	mm ²
Peso / Weight	0,67	kg/m

Montaggio / Assembly



Profilato 45x45

45x45 profile / 45x45 Profil / Profilé 45x45 / Perfil 45x45



Z.PC84545SL Grezzo / Raw / Roh / Brut / Crudo			8
PC84545SL Anodizzato / Anodized / Eloxiert / Anodisé / Anodizado			
Misura / Size	45X90	mm	
Ix	8,10	cm ⁴	
Iy	8,10	cm ⁴	
Wx	3,60	cm ³	
Wy	3,60	cm ³	
Sezione / Section	425,47	mm ²	
Peso / Weight	1,15	kg/m	

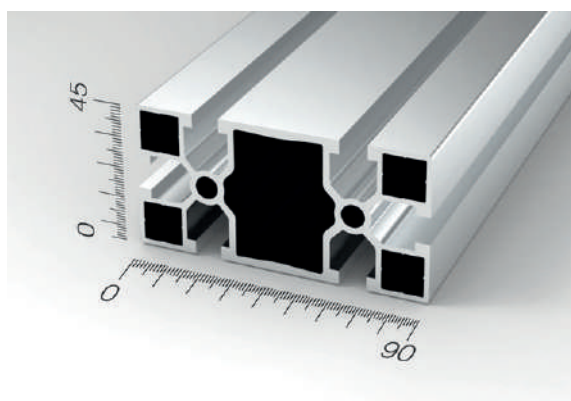


TAPPO / CAP

TC84545	TC84545G

Profilato 45x90

45x90 profile / 45x90 Profil / Profilé 45x90 / Perfil 45x90



Z.PC84590SL Grezzo / Raw / Roh / Brut / Crudo			8
PC84590SL Anodizzato / Anodized / Eloxiert / Anodisé / Anodizado			
Misura / Size	45X90	mm	
Ix	21,80	cm ⁴	
Iy	76,50	cm ⁴	
Wx	9,60	cm ³	
Wy	17,00	cm ³	
Sezione / Section	944,40	mm ²	
Peso / Weight	2,55	kg/m	

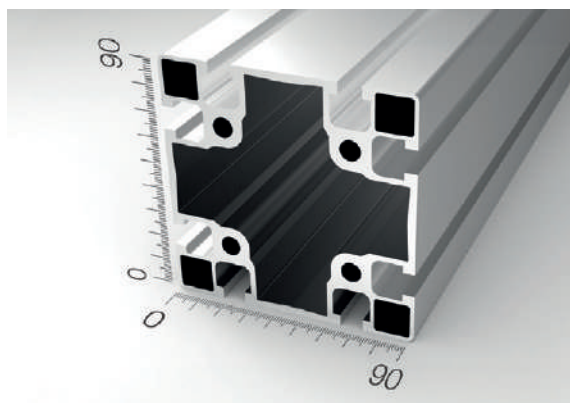


TAPPO / CAP

TC84590	TC84590G

Profilato 90x90

90x90 profile / 90x90 Profil / Profilé 90x90 / Perfil 90x90

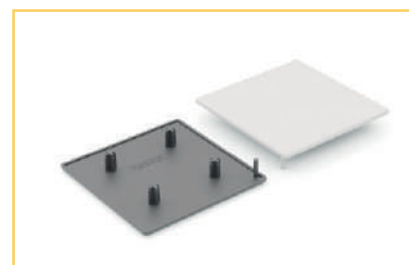


Z.PC89090L | Grezzo / Raw / Roh / Brut / Crudo



PC89090SL | Anodizzato / Anodized / Eloxiert / Anodisé / Anodizado

Misura / Size	90X90	mm
Ix	170	cm ⁴
Iy	170	cm ⁴
Wx	38	cm ³
Wy	38	cm ³
Sezione / Section	1900	mm ²
Peso / Weight	5,09	kg/m



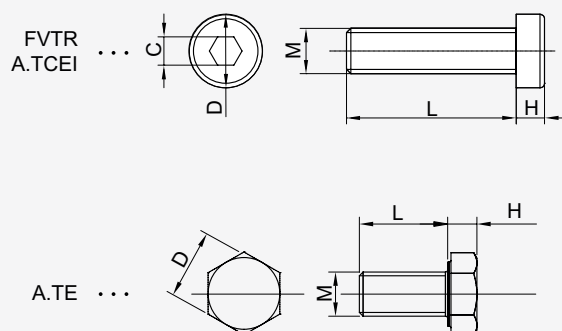
TAPPO / CAP

TC84590

TC89090G

Vite

Screw / Schraube / Vis / Tornillo

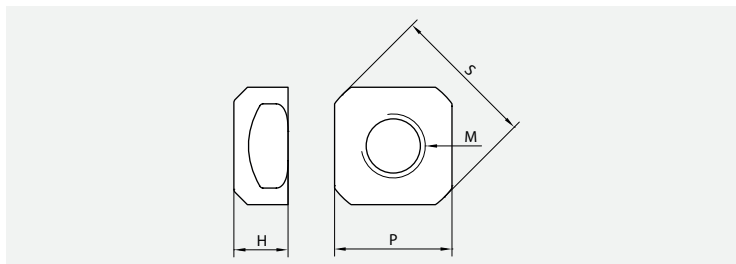


Acciaio zincato / Galvanized steel / Verzinkter Stahl / Acier galvanisé / Acero galvanizado					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	H	MxL (mm)			
FVTR816	5	13	5	M8X16	■	■	8
FVTR820	5	13	5	M8X20	■	■	10
FVTR830	5	13	5	M8X30	■	■	14
FVTR835	5	13	5	M8X35	■	■	15
FVTR840	5	13	5	M8X40	■	■	18
FVTR845	5	13	5	M8X45	■	■	20

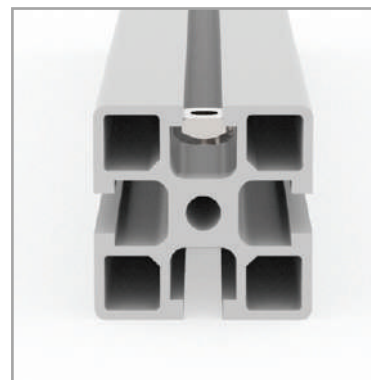
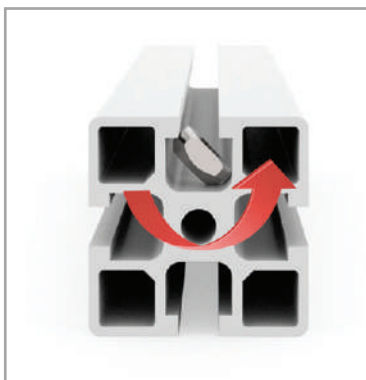
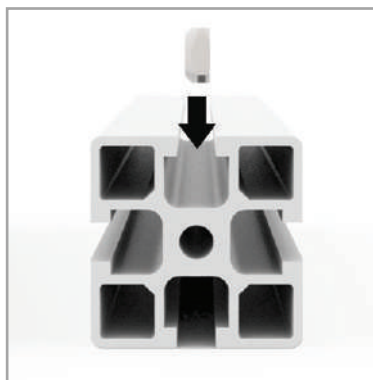
Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	H	MxL (mm)			
A.TCEI816I	6	13	6	M8X16	■	■	11
A.TCEI820I	6	13	6	M8X20	■	■	13
A.TCEI830I	6	13	6	M8X30	■	■	16
A.TCEI835I	6	13	6	M8X35	■	■	18
A.TCEI840I	6	13	6	M8X40	■	■	20
A.TCEI845I	6	13	6	M8X45	■	■	22
A.TE816I	-	CH13	5,3	M8X16	■	■	12
A.TE820I	-	CH13	5,3	M8X20	■	■	14

Dado quadro

Square nut / Vierkantmutter / Écrou carré / Tuerca cuadrada



Montaggio / Assembly

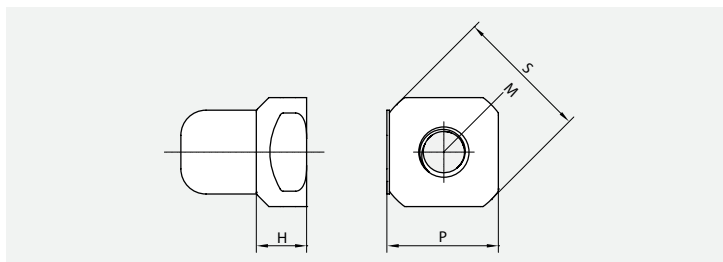


Acciaio zincato / Galvanized steel / Verzinkter Stahl / Acier galvanisé / Acero galvanizado					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	H	M			
FDC84	6	13	16	M4			5
FDC85	6	13	16	M5			4
FDC86	6	13	16	M6			4
FDC88	6	13	16	M8			3

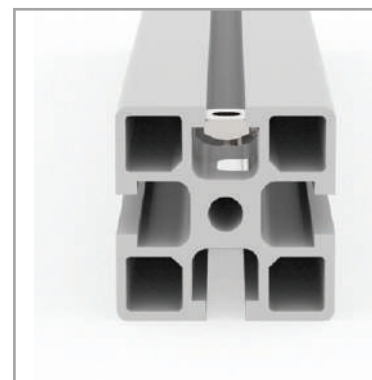
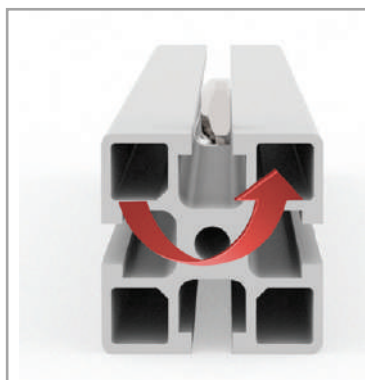
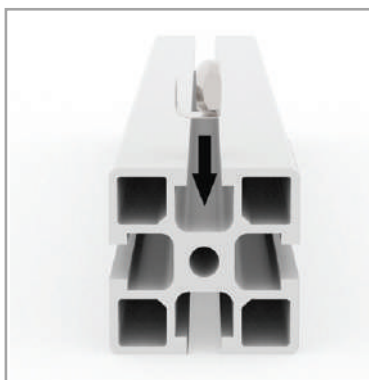
Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	H	M			
FDC88I	6	13	16	M8			3

Dado con molla

Spring nut / Federmutter / Écrou à ressort / Tuerca con muelle



Montaggio / Assembly

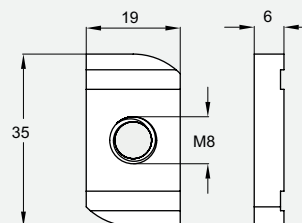


Acciaio zincato / Galvanized steel / Verzinkter Stahl / Acier galvanisé / Acero galvanizado					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	H	M			
FDC84M	6	13	16	M4		■	6
FDC85M	6	13	16	M5		■	5
FDC86M	6	13	16	M6		■	5
FDC88M	6	13	16	M8		■	4

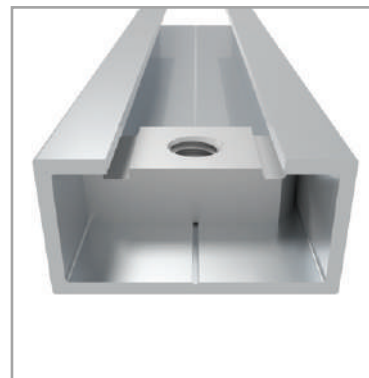
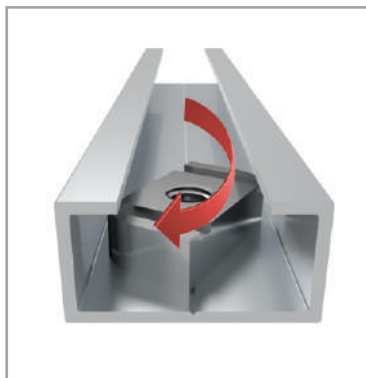
Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	H	M			
FDC88MI	6	13	16	M8		■	4

Dado martello

Hammer nut / Hammermutter / Écrou marteau / Tuerca martillo



Montaggio / Assembly

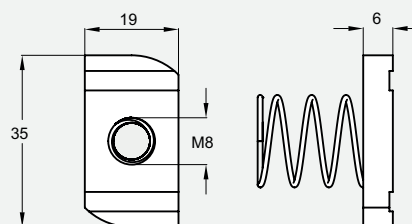


Acciaio zincato / Galvanized steel / Verzinkter Stahl / Acier galvanisé / Acero galvanizado					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	S	M			
FDM208	19	35	6	M8			25

Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable							
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	S	M			
FDM208I	19	35	6	M8			25

Dado a martello con molla

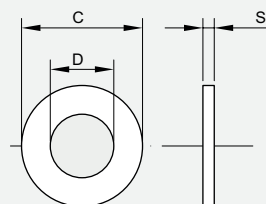
Spring-loaded hammer nut / Hammermutter mit Feder / Écrou marteau à ressort / Tuerca de martillo con muelle



Acciaio zincato / Galvanized steel / Verzinkter Stahl / Acier galvanisé / Acero galvanizado					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	S	M			
FDM208M	19	35	6	M8			26

Rondella

Washer / Unterlegscheibe / Rondelle / Arandela



Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	C	D	S				
A.RD8I	16	8,4	1,6				1
A.RD824I	24	8,4	2				6

La vite idonea si trova all'incrocio tra tipo di profilo e componente scelto. L'ultima colonna indica il dado a seconda del profilo.

The suitable screw can be found at the intersection of the profile type and the selected component. The last column indicates the nut according to the profile.

Die passende Schraube befindet sich am Schnittpunkt von Profiltyp und ausgewähltem Bauteil. Die letzte Spalte gibt die zum Profil passende Mutter an.

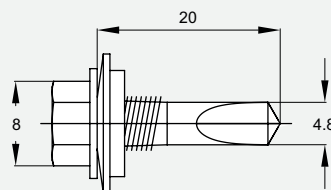
La vis adaptée se trouve à l'intersection du type de profil et du composant sélectionné. La dernière colonne indique l'écrou correspondant au profil.

El tornillo adecuado se encuentra en la intersección entre el tipo de perfil y el componente seleccionado. La última columna indica la tuerca correspondiente al perfil.

COMPONENTE / COMPONENT								
PROFILO / PROFILE		GSC82540 GSC81840 GSC84545 GSC84590 GSC89090 SBAP4545 SBAP4590 GSV4545	SOLC0001	SOLC0002 SOLC0003 SOLC0011 SOLC0005	SOLGE3070 + SOLGI1570	SOLGE3570 + SOLGI1570	SOLGE4070 + SOLGI1570	DADO NUT MUTTER ÉCROU TUERCA
	PS202039	FVTR820 A.TCEI820I	-	-	FVTR835 A.TCEI835I	FVTR840 A.TCEI840I	FVTR845 A.TCEI845I	FDM208 FDM208I FDM208M
	PS202075	FVTR820 A.TCEI820I	-	-	FVTR835 A.TCEI835I	FVTR840 A.TCEI840I	FVTR845 A.TCEI845I	FDM208 FDM208I FDM208M
	Z.PC84545SL PC84545SL	FVTR820 A.TCEI820I	A.TE816I	A.TE820I	FVTR835 A.TCEI835I	FVTR840 A.TCEI840I	FVTR845 A.TCEI845I	FDC88 FDC88I FDC88M FDC88MI
	Z.PC84590SL PC84590SL	FVTR820 A.TCEI820I	A.TE816I	A.TE820I	FVTR835 A.TCEI835I	FVTR840 A.TCEI840I	FVTR845 A.TCEI845I	FDC88 FDC88I FDC88M FDC88MI

Vite autoforante

Self-drilling screw / Bohrschraube / Vis autoperceuse / Tornillo autoperforante

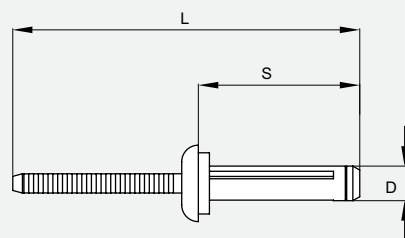


Acciaio zincato / Galvanized steel / Verzinkter Stahl / Acier galvanisé / Acero galvanizado					20	8	
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	D	S	L	Filettatura / Thread ISO MxL (mm)			
A.VATE4820	8	4,8	20	4,8X20			6

Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable							
Codice / Code	Quote / Quotes (mm)				20	45	Peso / Weight (g)
	D	S	L	Filettatura / Thread ISO MxL (mm)			
A.VATE4820I	8	4,8	20	4,8X20			6

Rivetto

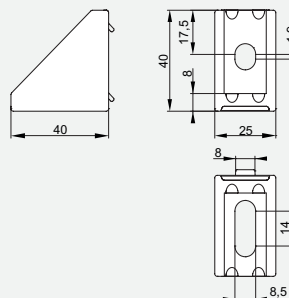
Rivet / Niet / Rivet / Remache



Alluminio / Aluminum / Aluminium / Aluminium / Aluminio					20	8
Codice / Code	Quote / Quotes (mm)			20	45	Peso / Weight (g)
	D	S	L			
A.RSA5220	5,2	22	52			2

Angolare

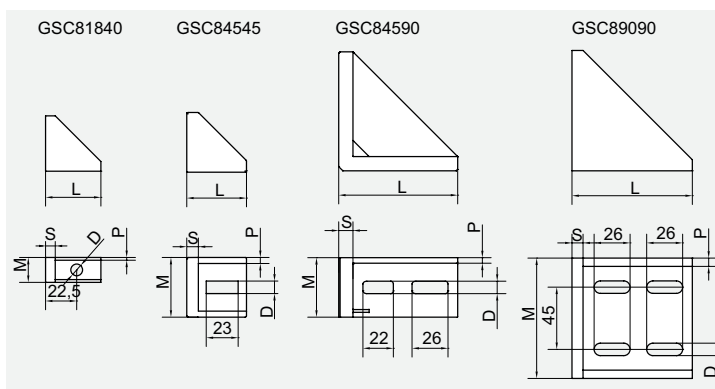
Angle bracket / Winkel / Équerre / Escuadra



Alluminio sabbiato / Sandblasted aluminum / Sandgestrahltes Aluminium / Aluminium sablé / Aluminio arenado



Codice / Code	Quote / Quotes (mm)	Note	20	45	Peso / Weight (g)
GSC82540*	Vedere schema allegato See attached diagram Siehe beigefügtes Schema Voir le schéma ci-joint Véase el esquema adjunto	Munito su un lato di dentino antirotazione Equipped with an anti-rotation tooth on one side Einseitig mit Verdrehsicherungszahn versehen Équipé d'un ergot anti-rotation sur un côté Equipado con un diente antirotación en un lado			36



Montaggio / Assembly



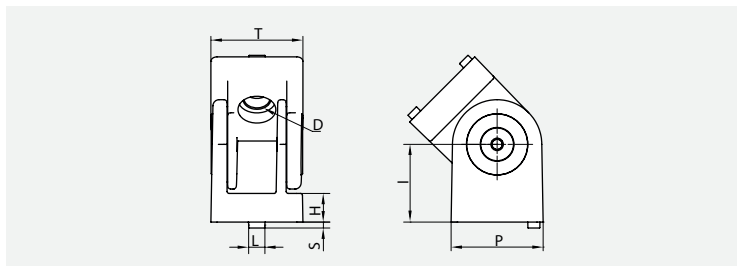
Alluminio sabbiato / Sandblasted aluminum / Sandgestrahltes Aluminium / Aluminium sablé / Aluminio arenado



Codice / Code	Quote / Quotes (mm)					20	45	Peso / Weight (g)
	D	L	M	P	S			
GSC81840	8,5	40	18,5	2	7			28
GSC84545	9	43	43	3,5	8,3			61
GSC84590	8,5	87	43	5	9,5			153
GSC89090	8,5	87	87	6	8			279

Giunto snodato

Articulated joint / Gelenkverbinder / Joint articulé / Unión articulada



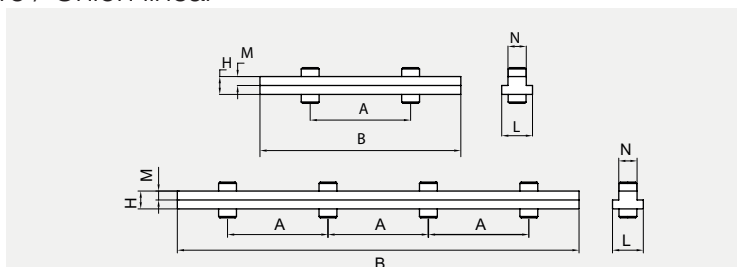
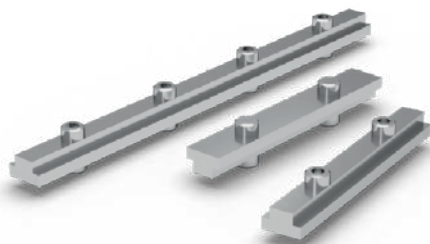
Montaggio / Assembly



Codice / Code	Quote / Quotes (mm)							20	45	Peso / Weight (g)
	D	H	I	L	P	S	T			
GSV4545	6,2	5	15	5/6	20	1,8	20			208

Giunto lineare

Linear joint / Linearverbinder / Jonction linéaire / Unión lineal



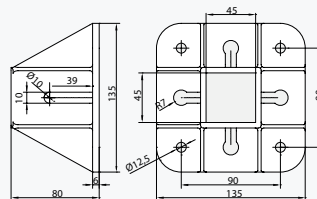
Montaggio / Assembly



Codice / Code	Quote / Quotes (mm)						20	45	Peso / Weight (g)
	A	B	H	L	M	N			
GLC890	45	90	8	13,5	4	8,2			59
GLC8180	45	180	8	13,5	4	8,2			125

Base di ancoraggio

Anchoring base / Verankerungsbasis / Base d'ancrage / Base de anclaje



Montaggio / Assembly



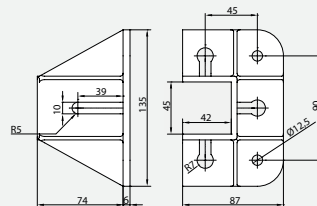
Alluminio sabbiato / Sandblasted aluminum / Sandgestrahltes Aluminium / Aluminium sablé / Aluminio arenado

20 8

Codice / Code	Quote / Quotes (mm)	20	45	Peso / Weight (g)
SBAP4545	Vedere schema allegato See attached diagram Siehe beigefügtes Schema Voir le schéma ci-joint Véase el esquema adjunto			470

Base di ancoraggio

Anchoring base / Verankerungsbasis / Base d'ancrage / Base de anclaje



Montaggio / Assembly



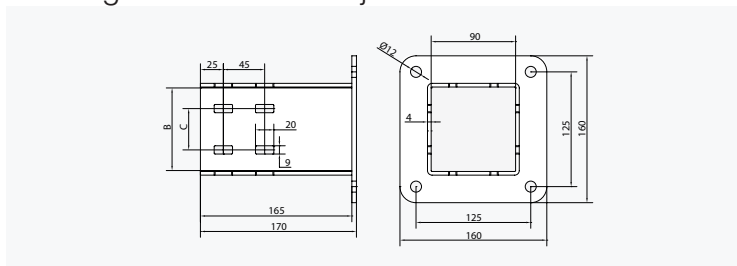
Alluminio sabbiato / Sandblasted aluminum / Sandgestrahltes Aluminium / Aluminium sablé / Aluminio arenado

20 8

Codice / Code	Quote / Quotes (mm)	20	45	Peso / Weight (g)
SBAP4590	Vedere schema allegato See attached diagram Siehe beigefügtes Schema Voir le schéma ci-joint Véase el esquema adjunto			600

Base di ancoraggio

Anchoring base / Verankerungsbasis / Base d'ancrage / Base de anclaje



Montaggio / Assembly



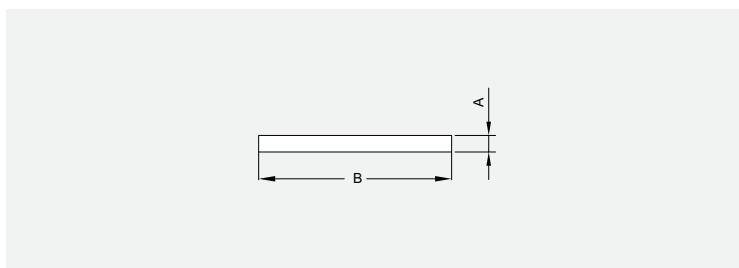
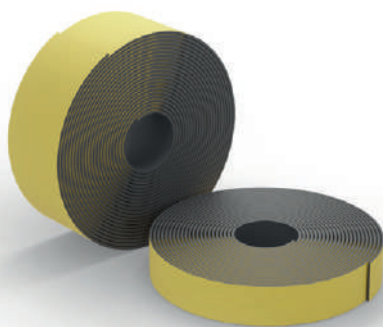
Acciaio verniciato / Painted steel / Lackierter Stahl / Acier peint / Acero pintado RAL 9006

20 8

Codice / Code	Quote / Quotes (mm)	20	45	Peso / Weight (g)
SBAP9090	Vedere schema allegato See attached diagram Siehe beigefügtes Schema Voir le schéma ci-joint Véase el esquema adjunto			3150

Spugna adesiva

Adhesive foam / Klebeschäum / Mousse adhésive / Espuma adhesiva



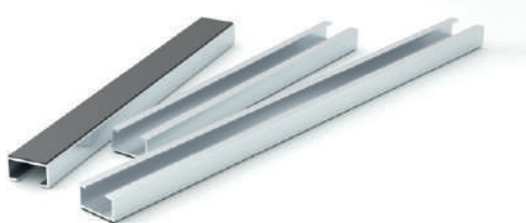
EPDM espanso / Expanded EPDM / EPDM-Schaum / EPDM expansé / EPDM expandido

20 8

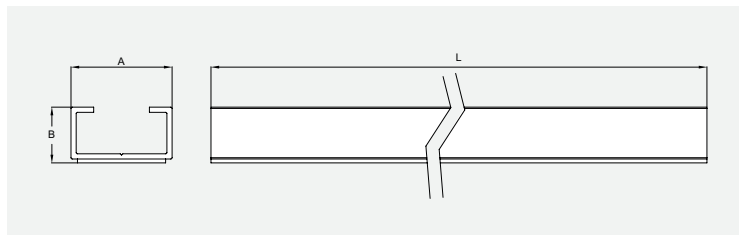
Codice / Code	Quote / Quotes (mm)		20	45	Peso / Weight (kg/m)
	A	B			
SOLC0010	2	10			0,007
SOLC0008	3	35			0,035
SOLC0009	3	70			0,070

Profilato tagliato con spugna adesiva

Profile cut to size with adhesive foam / Auf Maß zugeschnittenes Profil mit Klebeschäum / Profilé coupé sur mesure avec mousse adhésive / Perfil cortado a medida con espuma adhesiva



Grezzo, non forato
Raw, undrilled / Roh, ungebohrt / Brut, non percé / Crudo, sin perforar



Montaggio / Assembly



Alluminio grezzo / Raw aluminum / Rohaluminium / Aluminium brut / Aluminio bruto

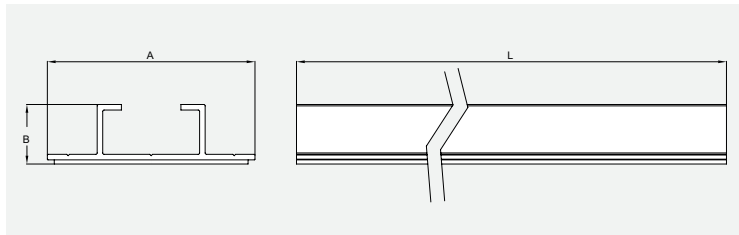
Codice / Code	Quote / Quotes (mm)			20	45	Peso / Weight (g)
	A	B	L			
SOLC006-150	40	20	150	■		80
SOLC006-200	40	20	200	■		102
SOLC006-300	40	20	300	■		160
SOLC006-400	40	20	400	■		205
SOLC006-500	40	20	500	■		260

Profilato tagliato con spugna adesiva

Profile cut to size with adhesive foam / Auf Maß zugeschnittenes Profil mit Klebeschäum / Profilé coupé sur mesure avec mousse adhésive / Perfil cortado a medida con espuma adhesiva



Grezzo, non forato
Raw, undrilled / Roh, ungebohrt / Brut, non percé / Crudo, sin perforar



Montaggio / Assembly

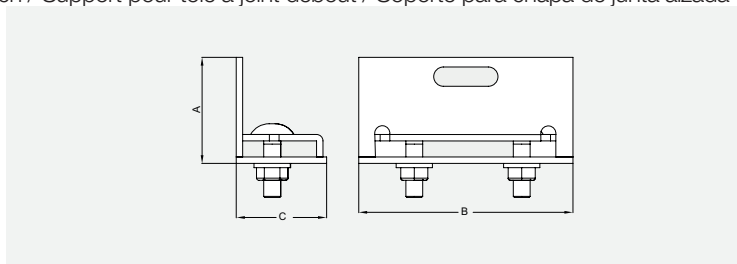


Alluminio grezzo / Raw aluminum / Rohaluminium / Aluminium brut / Aluminio bruto

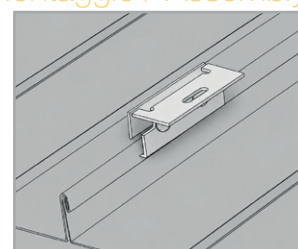
Codice / Code	Quote / Quotes (mm)			20	45	Peso / Weight (g)
	A	B	L			
SOLC007-150	75	20	150	■		110
SOLC007-200	75	20	200	■		148
SOLC007-300	75	20	300	■		220
SOLC007-400	75	20	400	■		296
SOLC007-500	75	20	500	■		369

Staffa per lamiera aggraffata

Standing seam sheet metal bracket / Halterung für Stehfalzblech / Support pour tôle à joint debout / Soporte para chapa de junta alzada



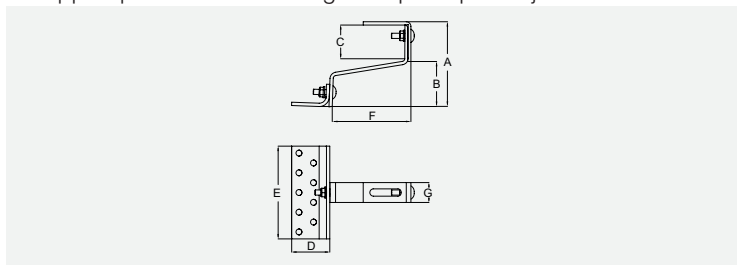
Montaggio / Assembly



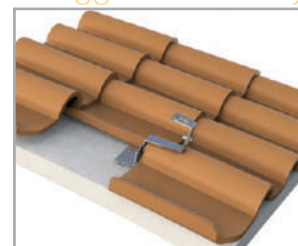
Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable				20	8	
Codice / Code	Quote / Quotes (mm)			20	45	Peso / Weight (g)
	A1	S	C			
SOLC0001	51	100	42			280

Staffa per tegole base larga

Wide-base tile bracket / Halterung für Ziegel mit breitem Fuß / Support pour tuile à base large / Soporte para teja de base ancha



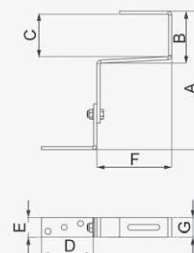
Montaggio / Assembly



Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable								20	8	
Codice / Code	Quote / Quotes (mm)							20	45	Peso / Weight (g)
	A	B	C	D	E	F	G			
SOLC0002	105-155	40-52	60-80	55	140	110	30			790

Staffa per tegole base alta

High-base tile bracket / Halterung für Ziegel mit hohem Fuß / Support pour tuile à base haute / Soporte para teja de base alta



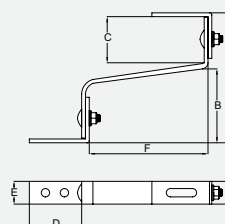
Montaggio / Assembly



Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable								20	8	
Codice / Code	Quote / Quotes (mm)							20	45	Peso / Weight (g)
	A	B	C	D	E	F	G			
SOLC0003	175 - 215	96 - 135	65	115	30	110	30			630

Staffa per tegole base stretta

Narrow-base tile bracket / Halterung für Ziegel mit schmalem Fuß / Support pour tuile à base étroite / Soporte para teja de base estrecha

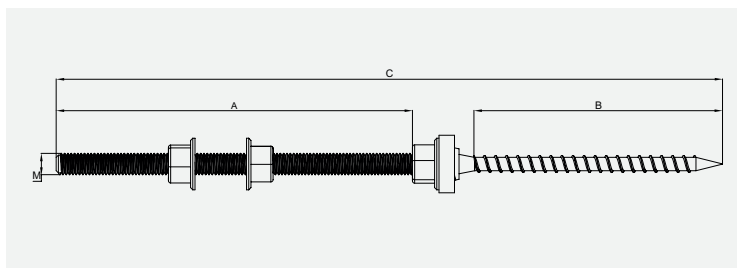


Montaggio / Assembly

Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable								20	8	
Codice / Code	Quote / Quotes (mm)							20	45	Peso / Weight (g)
	A	B	C	D	E	F	G			
SOLC0011	105-155	40-52	60-80	70	30	110	30			570

Fissatore

Fastener / Befestiger / Fixation / Fijador



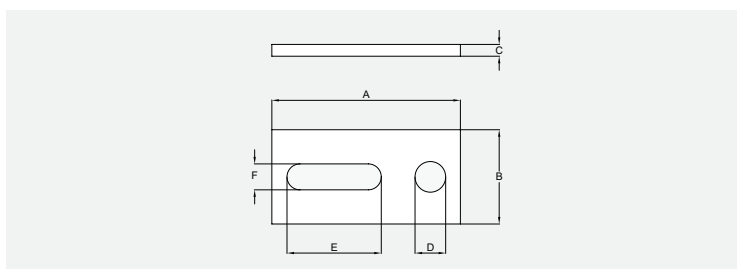
Montaggio / Assembly



Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable					20	45	Peso / Weight (g)
Codice / Code	Quote / Quotes (mm)						
	A	B	B	M			
SOLC0012	85	67	200	10		■	140
SOLC0004	150	100	300	12		■	270

Piastra

Plate / Platte / Plaque / Placa



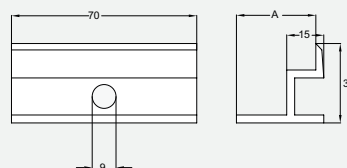
Montaggio / Assembly



Acciaio inox / Stainless steel / Edelstahl / Acier inoxydable / Acero inoxidable							20	45	Peso / Weight (g)
Codice / Code	Quote / Quotes (mm)								
	A	B	C	D	E	F			
SOLC0005	80	40	5	13	40	11		■	105

Graffetta

Clip / Klammer / Clip / Grapa



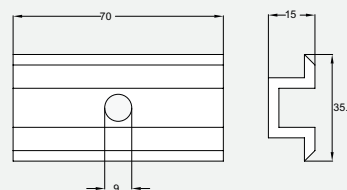
Montaggio / Assembly



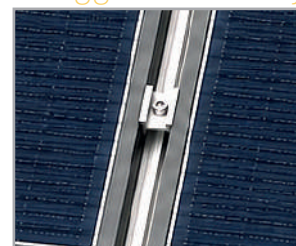
Alluminio grezzo / Raw aluminum / Rohaluminium / Aluminium brut / Aluminio bruto			20	8	
Codice / Code	Quote / Quotes (mm)	Note	20	45	Peso / Weight (g)
	A				
SOLGE3070	30	Graffetta di fissaggio di estremità pannello End panel clamp	■	■	38
SOLGE3570	35	Endklemme für Paneele Bride de fixation d'extrémité de panneau	■	■	41
SOLGE4070	40	Grapa de fijación de extremo de panel	■	■	44

Graffetta intermedia

Mid clamp / Mittelklemme / Bride intermédiaire / Grapa intermedia



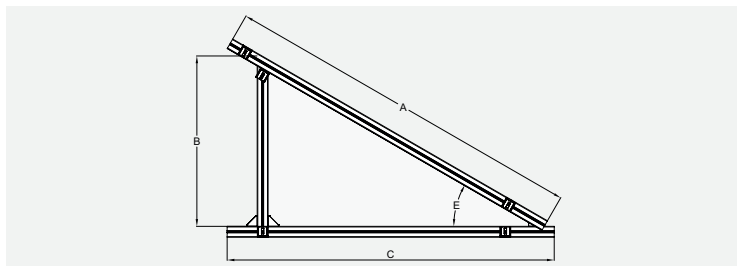
Montaggio / Assembly



Alluminio grezzo / Raw aluminum / Rohaluminium / Aluminium brut / Aluminio bruto			20	8	
Codice / Code	Note	20	45	Peso / Weight (g)	
SOLGI1570	Graffetta intermedia per fissaggio pannello Intermediate panel clamp Mittelklemme zur Paneelbefestigung Bride intermédiaire pour fixation de panneau Grapa intermedia para fijación de panel	■	■	37	

Triangolo

Triangle / Dreieck / Triangle / Triángulo



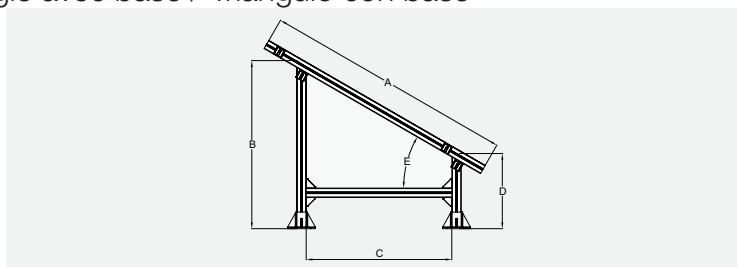
Dotati di angolari di fissaggio ai longheroni e alla base / Equipped with fixing brackets for attachment to the rails and the base / Ausgestattet mit Befestigungswinkeln zur Montage an den Längsträgern und an der Basis / Équipés d'équerres de fixation aux longerons et à la base / Equipados con escuadras de fijación a los largueros y a la base

Alluminio grezzo / Raw aluminum / Rohaluminium / Aluminium brut / Aluminio bruto								
Codice / Code	Quote / Quotes (mm)				Note	20	45	Peso / Weight (g)
	A	B	C	D				
SOLT0001	700	290	700	30°	Pannello orizzontale Horizontal panel / Horizontales Paneel / Panneau horizontal / Panel horizontal			2750
SOLTV0002	1500	680	1350	30°	Pannello verticale / Vertical panel / Vertikales Paneel / Panneau vertical / Panel vertical			4800

A richiesta si realizzano triangoli con caratteristiche a disegno del cliente / Custom triangles can be manufactured upon request according to the customer's drawings / Auf Anfrage werden Dreiecke gemäß den Zeichnungen des Kunden gefertigt / Sur demande, des triangles peuvent être réalisés selon les plans du client / Bajo pedido, se pueden fabricar triángulos según los planos del cliente

Triangolo con base

Triangle with base / Dreieck mit Basis / Triangle avec base / Triángulo con base

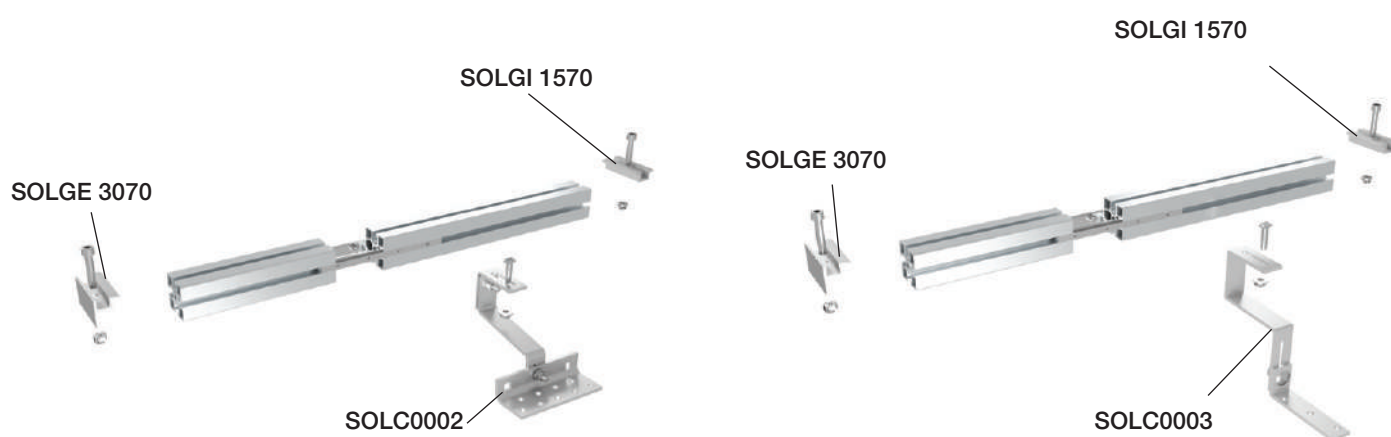


Alluminio grezzo / Raw aluminum / Rohaluminium / Aluminium brut / Aluminio bruto									
Codice / Code	Quote / Quotes (mm)					Note	20	45	Peso / Weight (g)
	A	B	C	D	E				
SOLT0003	700	590	400	350	30°	Pannello orizzontale Horizontal panel / Horizontales Paneel / Panneau horizontal / Panel horizontal			4600
SOLT0004	1200	800	700	360	30°	Pannello verticale / Vertical panel / Vertikales Paneel / Panneau vertical / Panel vertical			5700

A richiesta si realizzano triangoli con caratteristiche a disegno del cliente / Custom triangles can be manufactured upon request according to the customer's drawings / Auf Anfrage werden Dreiecke gemäß den Zeichnungen des Kunden gefertigt / Sur demande, des triangles peuvent être réalisés selon les plans du client / Bajo pedido, se pueden fabricar triángulos según los planos del cliente

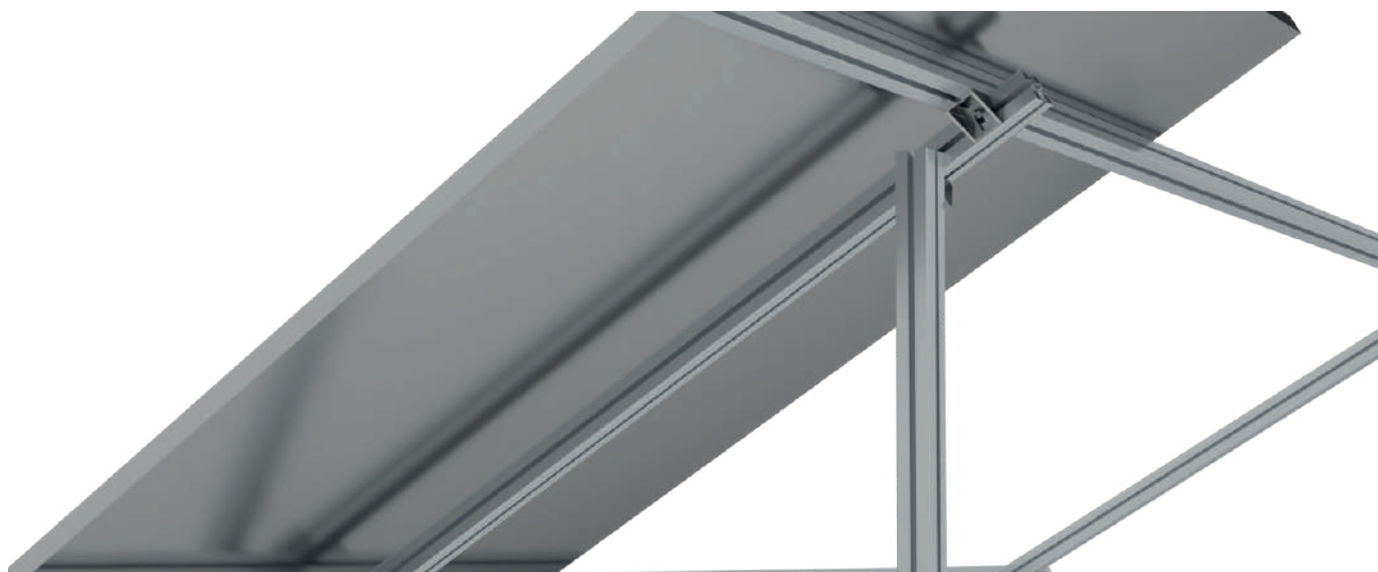
Struttura su tetto in tegole

Tile roof structure / Ziegel-Dachkonstruktion / Structure sur toiture en tuiles / Estructura sobre tejado de tejas



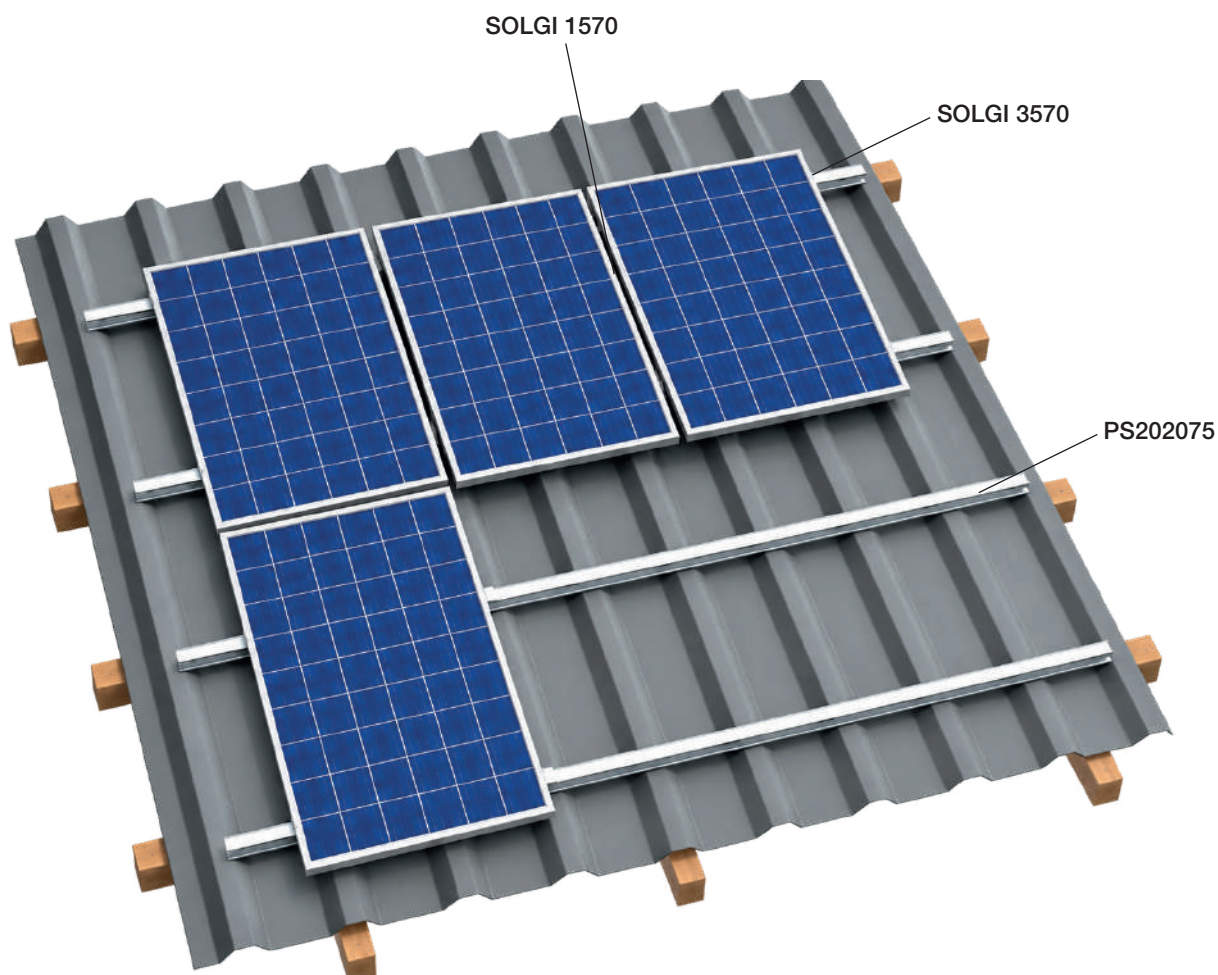
Struttura su tetto piano

Flat roof structure / Flachdachkonstruktion / Structure sur toit plat / Estructura sobre cubierta plana

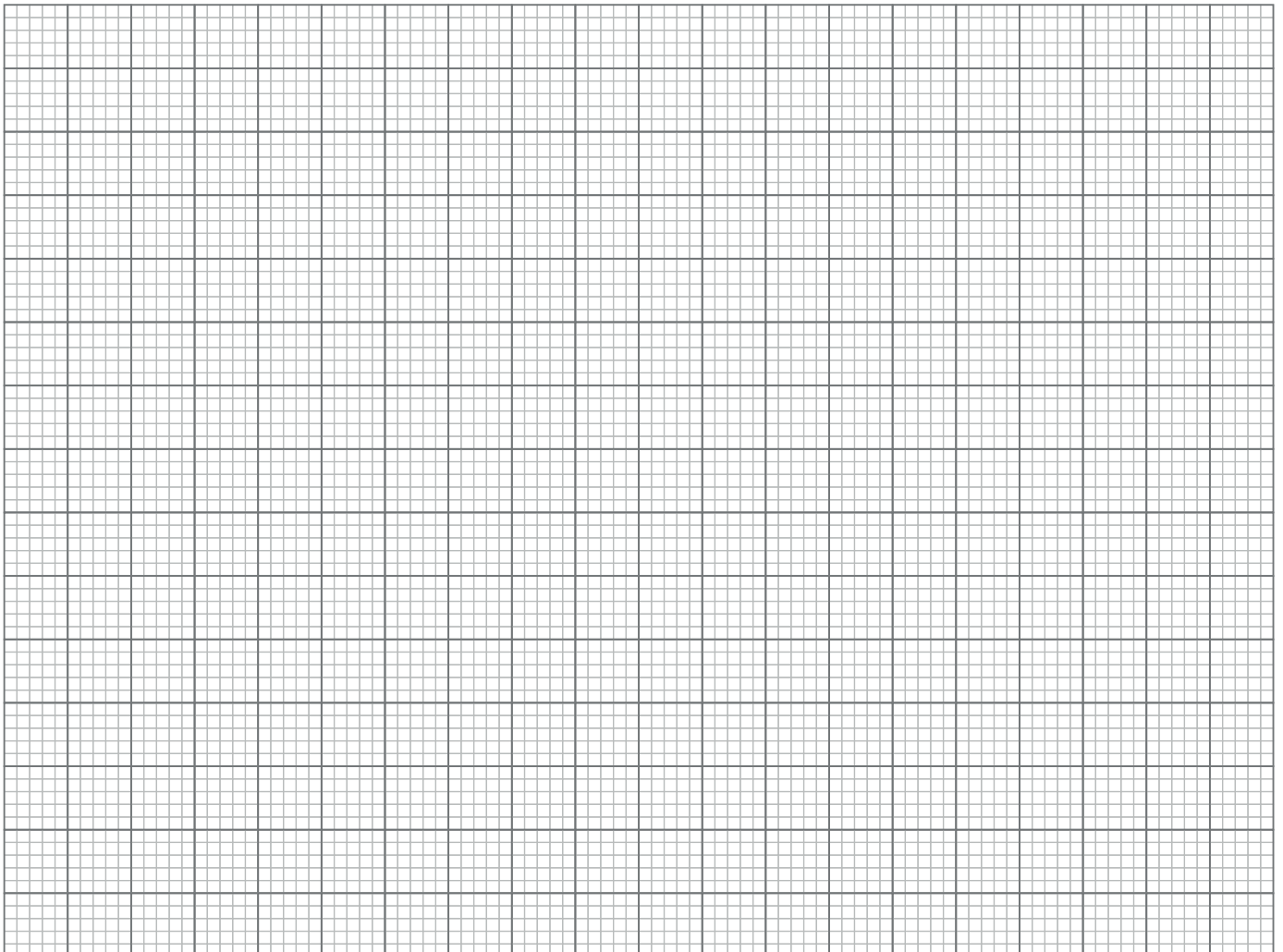


Struttura su tetto in lamiera

Metal sheet roof structure / Blechdachkonstruktion / Structure sur toiture en tôle / Estructura sobre cubierta de chapa

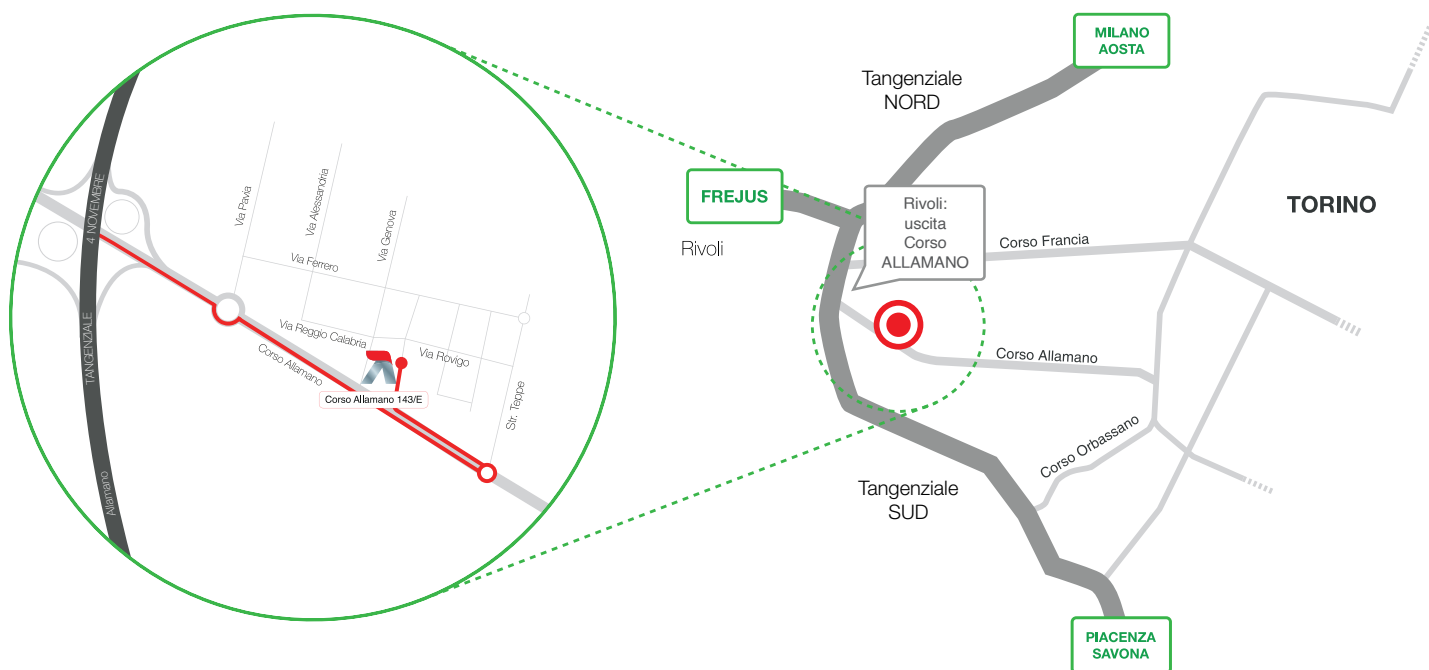


Code / Codice	Pag	Code / Codice	Pag
A.RD8I	13	SOLC0011	22
A.RD824I	13	SOLC0012	23
A.RSA5220	15	SOLGE3070	24
A.TCEI816I	9	SOLGE3570	24
A.TCEI820I	9	SOLGE4070	24
A.TCEI830I	9	SOLGI1570	24
A.TCEI835I	9	SOLT0001	25
A.TCEI840I	9	SOLT0003	25
A.TCEI845I	9	SOLT0004	25
A.TE816I	9	SOLTV0002	25
A.TE820I	9	TC84545	7
A.VATE4820	15	TC84545G	7
A.VATE4820I	15	TC84590	7
FDC84	10	TC84590	8
FDC84M	11	TC84590G	7
FDC85	10	TC89090G	8
FDC85M	11		
FDC86	10		
FDC86M	11		
FDC88	10		
FDC88I	10		
FDC88M	11		
FDC88MI	11		
FDM208	12		
FDM208I	12		
FDM208M	13		
FVTR816	9		
FVTR820	9		
FVTR830	9		
FVTR835	9		
FVTR840	9		
FVTR845	9		
GLC890	17		
GLC8180	17		
GSC81840	16		
GSC82540*	16		
GSC84545	16		
GSC84590	16		
GSC89090	16		
GSV4545	17		
SBAP4545	18		
SBAP4590	18		
SBAP9090	19		
SOLC0001	21		
SOLC0002	21		
SOLC0003	22		
SOLC0004	23		
SOLC0005	23		
SOLC006-150	20		
SOLC006-200	20		
SOLC006-300	20		
SOLC006-400	20		
SOLC006-500	20		
SOLC007-150	20		
SOLC007-200	20		
SOLC007-300	20		
SOLC007-400	20		
SOLC007-500	20		
SOLC0008	19		
SOLC0009	19		
SOLC0010	19		



NOTES

A full-page sheet of white graph paper featuring a uniform grid of thin gray lines. The grid consists of small squares covering the entire area, with no margins or additional markings.



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