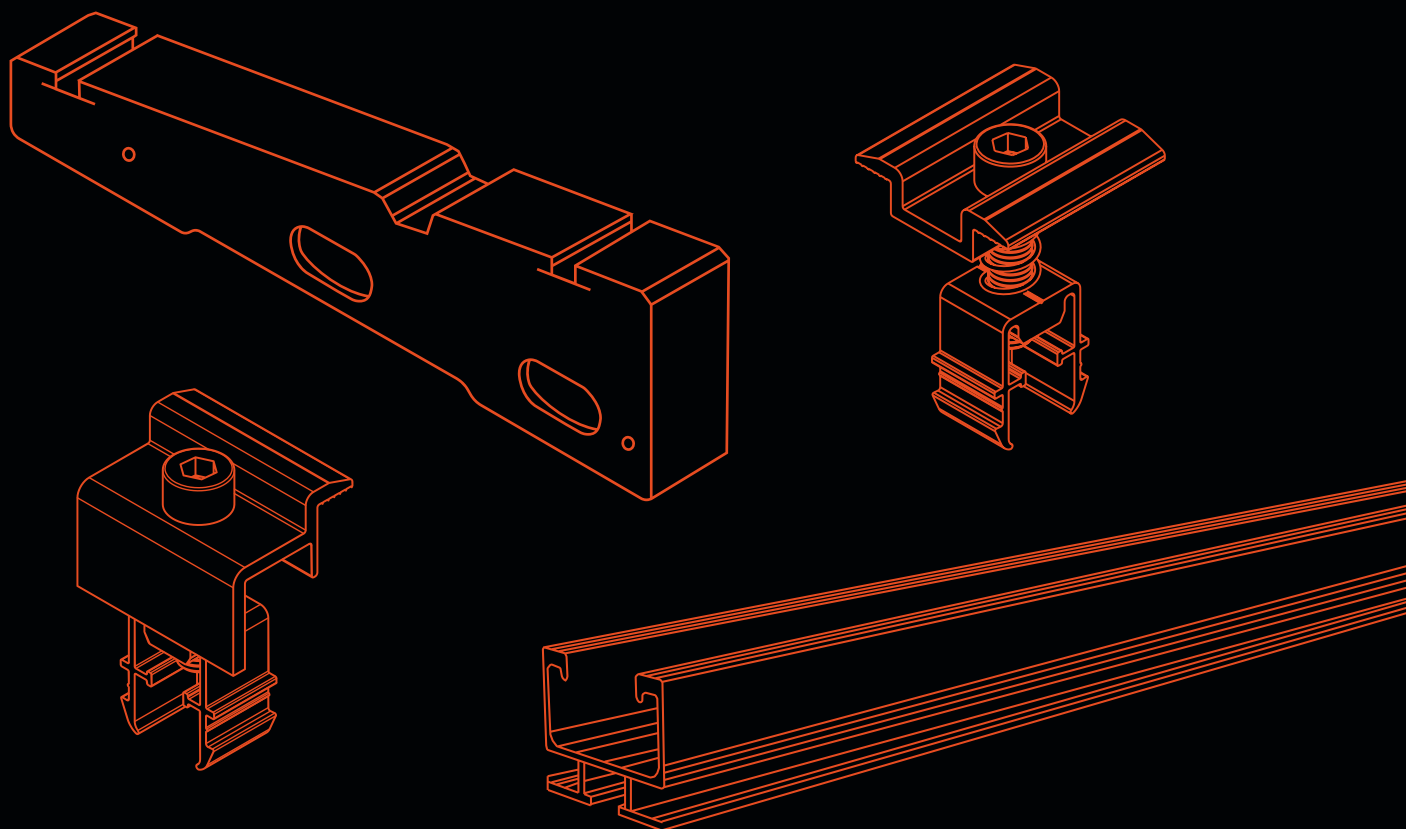




FV Power

Photovoltaic Fixing Elements



PHOTOVOLTAIC FIXING ELEMENTS

CONFIGURATOR



CATALOGUE

39



www.tecnosystemi.com

TECNOSYSTEMI S.P.A. SOCIETÀ BENEFIT IS A COMPANY THAT HAS QUICKLY BECOME ONE OF THE MOST IMPORTANT COMPANIES IN IT'S SECTOR, A CONSTANTLY EXPANDING INDUSTRIAL ENTERPRISE.

Tecnosystemi S.p.A. Società Benefit produces a wide range of specialised and diversified products resulting from concerted team work through collaboration, research, tests and trials. Therefore, in 2012, we chose to create eight registered trademarks to identify and distribute our products in Italy, Europe and worldwide:

Smart Clima, Apply Air, Apply.Co, Galaxy, Project Wind, Toolsplit, Showgas and FV Power



Smart Clima

Air conditioning and heat pumps accessories

The most complete professional range of accessories for air conditioning: trunking for air conditioning, ready-to-plumb enclosures, brackets, floor mounting blocks, condensate drain pipes, copper pipes, protective systems, etc. Functional and innovative products.



Apply Air

Air Curtains and Accessories

Research of design, care of details, high performances and attention to energy consumption are the elements that highlight the offer of air curtains available in over 50 residential and industrial models: at ambient temperature, with heating element, etc...and a wide range of accessories.



Apply.Co

Mechanical Ventilation Heat Recovery

Targets to the designers and installers who use high quality v.A.C. Systems combining high efficiency heat recovery units (from 75% to 90%) with air diffusion elements, using easy and quick installation accessories. The use of high quality components and units allow to have excellent results in terms of performances and comfort.



Galaxy

Multi-zone Air Control System

The management of temperatures in houses and offices has never been so simple: from now on there is proair, the the interaction among the innovative touch screen chronothermostats, the control unit and the electric dampers guarantee an ideal climate. The system integrates perfectly in every environment thanks to its elegant design.



Project Wind

Ventilation Solutions

Creating the ideal climate and comfort at home as in the office is possible thanks to our offer of: duct pipes, supply and return grilles, round and square diffusers, extractors and accessories.



Toolsplit

Instruments & Tools

A complete line of tools and instruments for air conditioning and refrigeration, proposed to meet all the installation needs: vacuum pumps, pressure gauge units, scales, tube flangers, fittings, refrigerant gases, cleaning products, etc..



Showgas

Heating Products

In addition to the wide range of products for air conditioning, ventilation, tools and photovoltaic systems, since 2013 tecnosystemi offers the range of products and accessories for heating. A complete series of accessories to satisfy the different system solution.



FV Power

Photovoltaic Fixing Elements

Fixing elements and accessories in stainless steel and aluminum for photovoltaic systems. A perfect, easy to use and reliable system for every type of installation: tile coverings and all kinds of roofs.

A TRULY ITALIAN STORY OF INNOVATION



Officially established in 1992, the company began its journey at its first location in Susegana.

TECNOSYSTEMI IS FOUND

1992



Tecnosystemi moved to a 33,000 square metre site in the industrial area of Vittorio Veneto.

TRANSFER TO VITTORIO VENETO

2002



Due to significant corporate development, characterized by the decision to increasingly internalize production processes, it became necessary to expand the facility by approximately 6,000 square meters, bringing the total production plant area to over 19,000 square meters.

EXPANSION OF THE PRODUCTION PLANT

2019

1996

THE TRANSITION TO A MANUFACTURING COMPANY

One of the first major transformations led the company to begin a virtuous path that is still evolving today.



2003

A STRATEGIC CHANGE OF PERSPECTIVE TOWARDS THE FUTURE

The company evolves into the current company structure marking its definitive take-off.





In response to continuous growth and with a vision always open to major future developments, Tecnosystemi expanded by acquiring, in December 2022, a second plant with a production area of 12,000 square meters. This expansion made it possible to continue the work on energy efficiency by installing an additional photovoltaic system, completing the overall plant with a total capacity of 1.6 MW.

Tecnosystemi publishes its first voluntary sustainability report.



The company becomes a Benefit Company: by redefining its corporate purpose, it makes a firm commitment to making a positive impact on the environment and the community, effectively continuing a journey that began years earlier.

TECNOSYSTEMI BECOMES A BENEFIT COMPANY

A NEW PRODUCTION PLANT

2021

2023

2020

TECNOSYSTEMI REDESIGNS THE HEADQUARTERS

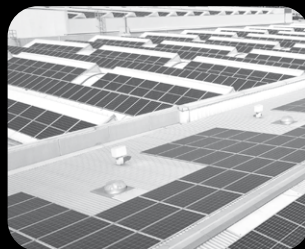
The headquarters is being redesigned with people's well-being at the center, rethinking the spaces and adapting them to the evolving strategic vision.



2022

COMPLETION OF THE PHOTOVOLTAIC SYSTEM

The installation of photovoltaic panels across all available surfaces was completed, reaching 1.2 MW of installed capacity, sufficient to cover 85% of Tecnosystemi's production energy needs.

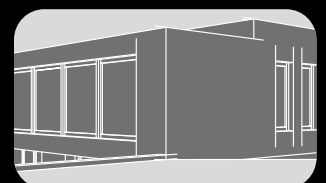


2024-25

FURTHER PRODUCTION EXPANSION

The company further expands its production capacity, reaching a total area of 33,600 square meters. This expansion also houses TS-HUB, a space dedicated to the history and evolution of Tecnosystemi, but above all to experience: visitors have the opportunity to see and explore Tecnosystemi products in a real-life context, discovering their features and performance.

Tecnosystemi publishes its second CSRD sustainability report and achieves its first organizational carbon footprint.





MANUFACTURING





COMPANY

33,600 sqm production area

10 specialized departments

6,000+ catalogue codes





PLANT 1

Plastic extrusion & injection

Bench assembly

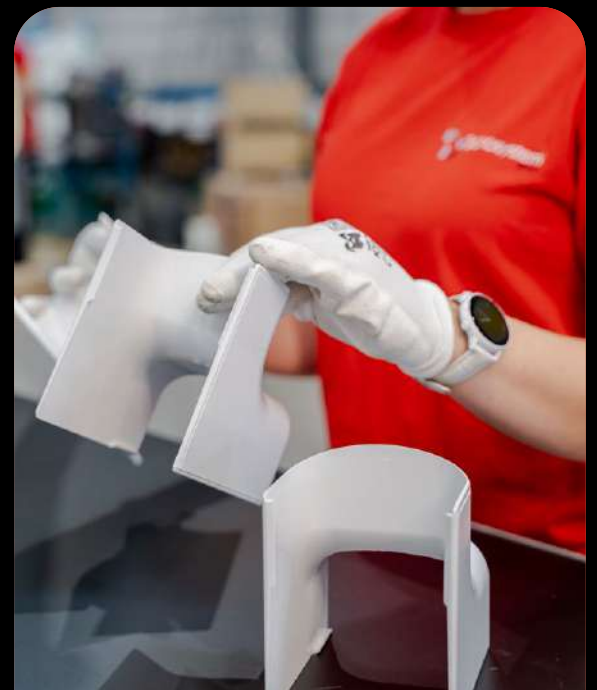
Production of condensate pumps & Pico

Shipping & logistics

Packaging of plastic accessories

Vertical kit packaging









Rubber molding

Copper insulation

Packaging of brackets
& rubber components

Air curtain production

ProAir production

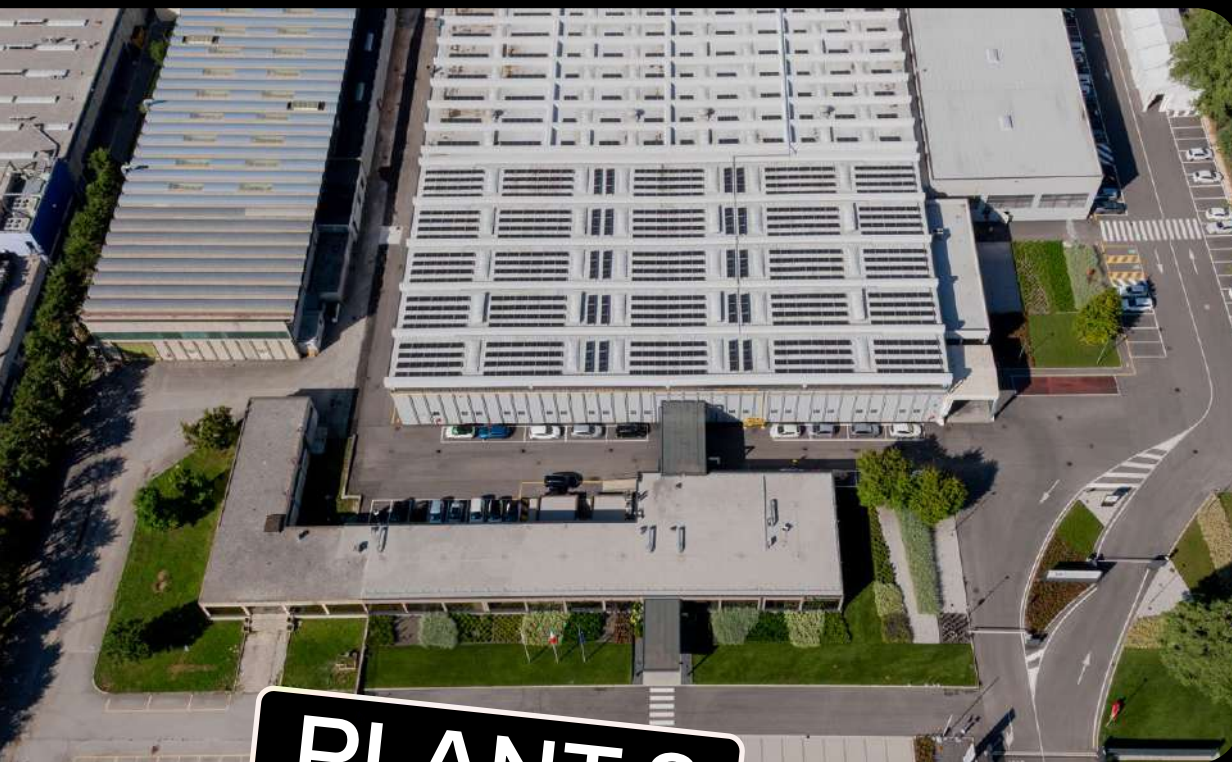
Linear diffusers production

Recovery units production

Corrugated & spiral
hose molding

PLANT 2





PLANT 3

Tray packaging

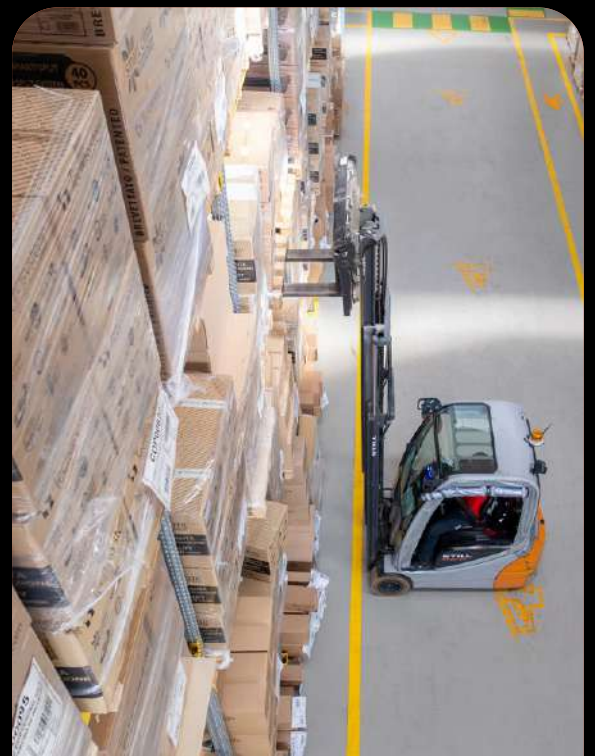
Sheet metal bending

Plenum packaging

Laser cutting

Painting





QUALITY, SUSTAINABILITY, AND PRODUCT & PROCESS CERTIFICATIONS

We have always been committed to improving the quality of our products, services, and all business processes.

To support these efforts, we have embarked on a path of progressively implementing **management systems certified by external bodies**.

At the core is the **ISO 9001:2015** system, which guarantees an organized corporate structure focused on continuous improvement.

With the **ISO 45001:2018** certification for **health and safety**, we are able to create a safe working environment based on protection, training, and prevention, caring for all our people.

Increasingly attentive to environmental impact, we have obtained **UNI EN ISO 14001:2015** certification; starting from 2024, we will use exclusively energy from renewable sources and have completed our first organizational **Carbon Footprint** to analyze emission reductions throughout the entire supply chain.

From a product perspective, we have initiated the selection of products for **TÜV SÜD certification**, providing an additional guarantee of quality and safety for installation.

Furthermore, after completing **LCA analyses** on several product lines, we have obtained the corresponding **Environmental Product Declarations (EPD)** according to ISO 14025, with the objective of quantifying our environmental impacts throughout the lifecycle of the products we place on the market.



OUR CERTIFICATIONS



*See the certified wall brackets



WE ARE AN ITALIAN EXCELLENCE, CERTIFIED BY ITALYX



We are happy and proud to contribute to maintaining the high value of **Made in Italy** worldwide—a value that is unique and indispensable for us, given our nature as **100% Italian manufacturers**.

To celebrate this commitment, we have decided to pursue **ItalyX Certification**: a certification dedicated to Italian manufacturing companies, granted following an audit conducted by Bureau Veritas based on a rigorous set of criteria.

Among the main prerequisites and parameters that attest to the excellence and Italian identity of our products are: **design, production, ownership, and R&D in Italy; high standards of style and creativity; Italian suppliers and subcontractors; and patents held in Italy.**



THE VALUE OF CERTIFICATION



Recognition of quality



International visibility



Enhancing Italian excellence



Committed to innovation

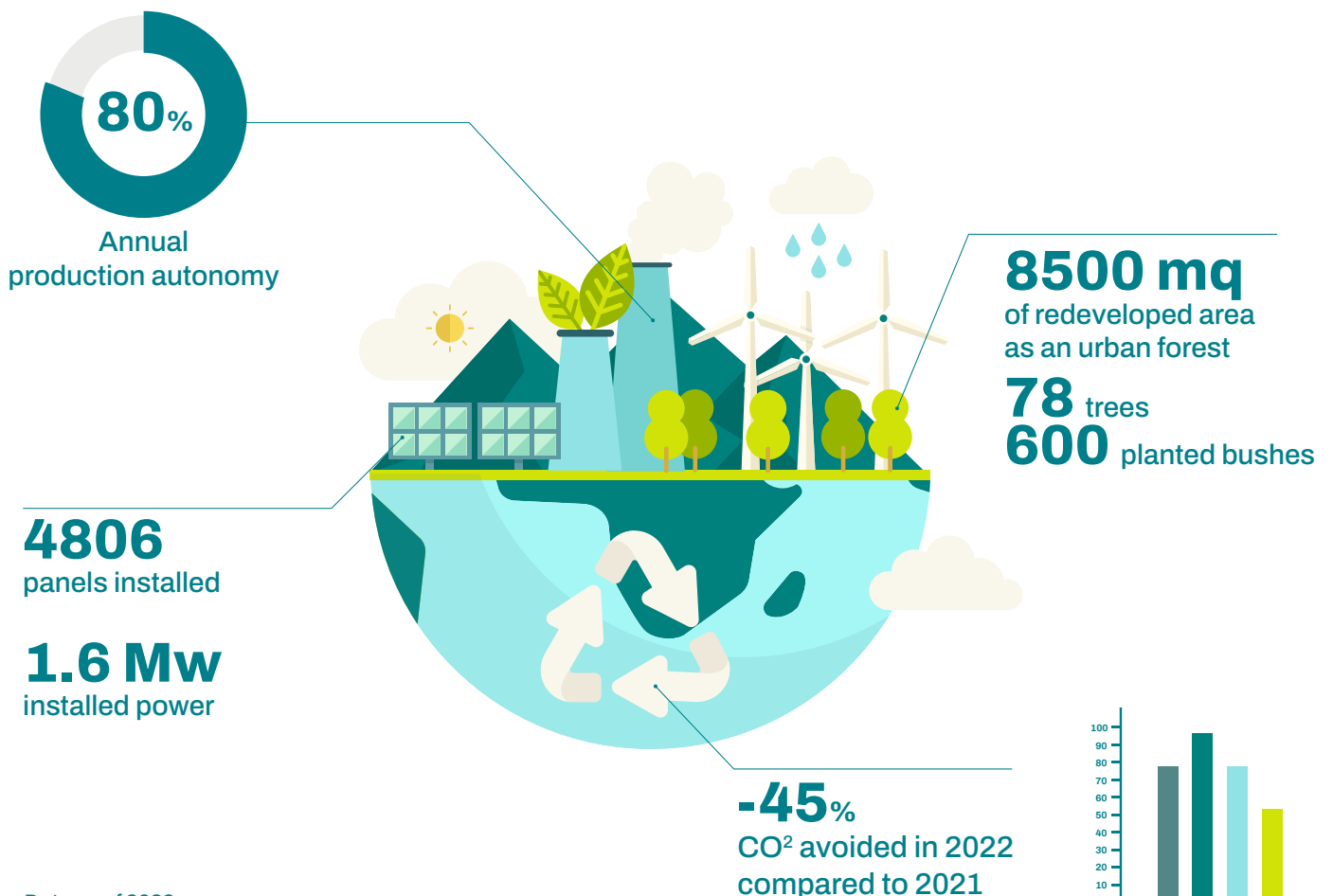
TAKE ACTION FOR THE CLIMATE

We pursue business development with a concrete commitment, in partnership with our stakeholders, to **combat climate change and reduce the emissions responsible for global warming.**

We measure emissions to reduce our impact: our vision is medium to long term; we do not just focus on day-to-day activities, but plan and implement projects aimed at **protecting the environment** not only for our community but also by developing a sensitivity and awareness for the future of future generations.

Among the various active projects are the **installation and expansion of a large photovoltaic park on both the company's production plants, the launch of an energy audit to map the energy consumption related to the production of the plants, and the urban forestation project,** a real project to regenerate the urban green area in our industrial zone and in front of our company.

We want to seize a valuable opportunity to give a park to the industrial area, a green space for people that can create well-being for the community and the environment, with a significant reduction in emissions.



Data as of 2023

TAKE ACTION FOR PEOPLE

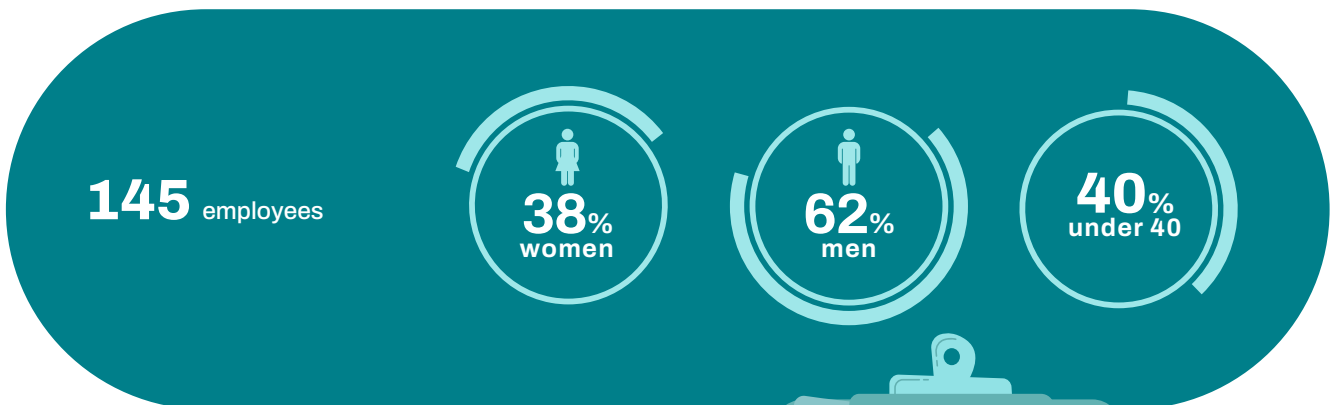
Our mission has always been to **highlight the value of individuals and their skills**. Everyone has areas in which they excel; the key is to identify those areas and use them to promote the growth of employees.

We are committed to developing and enhancing the skills of our employees, with specific training activities, in which we invest on an ongoing basis. To this end, we provide assessment projects to appropriately support development and career paths, with a view to enabling each individual to express their aptitudes and potential.

A priority area for us is the **health and well-being of our employees** with a focus on the culture of **prevention** through the organisation of information and awareness-raising meetings together with the **annual offer of free specialist examinations and check-ups for all our employees**.

We have always invested in optimising health and safety conditions in the workplace, with the continuous improvement of our management system, which is accompanied by constant interventions aimed at improving the healthiness of the environment in which our employees work.

There are also several projects aimed at increasing the level of engagement of employees and collaborators, in the knowledge that this can have a positive impact not only on the personal well-being of employees, but also on the corporate climate by **fostering a sense of belonging. Human capital is the true wealth of companies**.



5 Health and wellness projects for all employees with free check-ups, to spread a culture of prevention

33 Checkups for prostate cancer prevention thanks to the support of Lilt

77 Ultrasound and mammography examinations performed free of charge at the clinic



Data as of 2023

SUSTAINABILITY AS A BUSINESS MODEL



“Sustainability is fully integrated into our corporate strategy; it is the driver of continuous improvement and the accelerator of our corporate culture.”

Sustainability is deeply integrated into our strategy, with a civic commitment that goes beyond the boundaries of our company.

We follow a new model of entrepreneurship that embraces a **civic duty**, positioning ourselves as a responsible business through concrete and measurable projects. It is a new way of doing and being a company, with a clearly defined role, which has led us to become a **Benefit Company**, going beyond the word “sustainability” to put a tangible commitment in black and white.

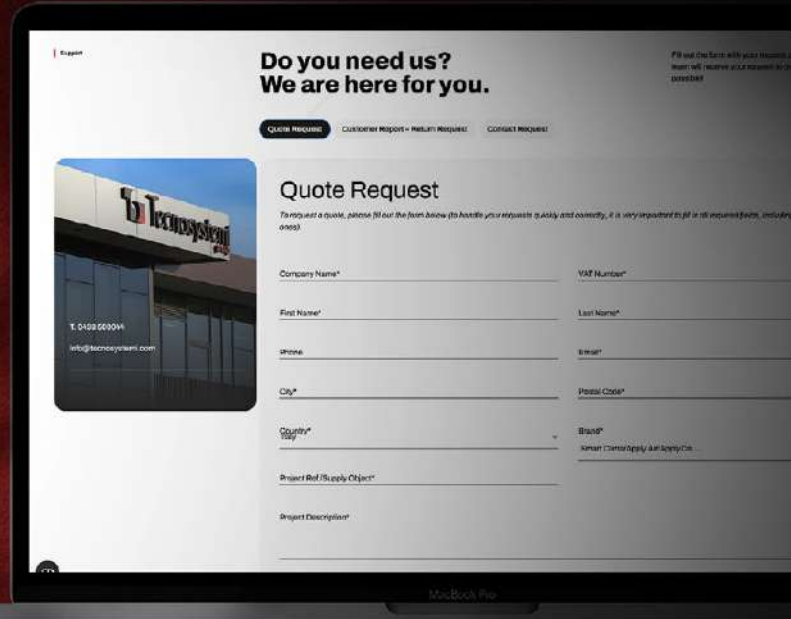
Adopting the Benefit Company model allows us to pursue a dual purpose: generating economic value while producing a **positive impact as a responsible business**, in line with the four common benefit objectives declared in our Articles of Association.

We have prepared our **second sustainability report**, voluntarily adopting the ESRS reporting framework from the CSRD Directive: a deliberate choice of transparency and positioning that has allowed us to seize the opportunity to redefine our approach to sustainability in an even more technical way, with new data and figures. To learn more, read the full report.



Scan the QR
and download





Support

Free quotations

Customer report

System Start-up

Returns

ALWAYS BY YOUR SIDE,
PROVIDING OUR **SUPPORT**



Visit our support page
online and submit
your request form.



FV Power

Fissaggi e accessori per il Fotovoltaico

by  Tecnosystemi[®]
group



OUR GOAL: TO MEET CUSTOMER EXPECTATIONS

FV Power, the Italian leader in the production of the widest range of photovoltaic mounting systems, offers its **customers solutions tailored to plant and market needs by manufacturing highly technological products** capable of ensuring maximum performance in terms of quality and service.

FV Power has a widespread national and international sales network, serving as a point of reference for all companies that value reliability and want to achieve the best results.

The continuous professional training of its staff guarantees an advanced and reliable product, as well as the assurance of constant customer support before and after the sale.

The FV Power line of solar panel supports represents **a new benchmark in the field of photovoltaic panel installation systems** and is composed of robust and reliable components that allow for perfect installation with just a few operations.

Through high design standards, profiles and stainless steel accessories necessary for fixing the panels have been developed, always with the usual guarantee of safety and quality that has always distinguished us.

Thanks to high production standards and the quality of materials used, Tecnosystemi S.p.A. Società Benefit **guarantees its fastenings.**

A VERSATILE AND SECURE SYSTEM TO MEET EVERY NEED

The FVPOWER system adapts to the most common tile and corrugated sheet metal roofs and represents the ideal, versatile, and secure fastening solution for every type of application. In addition to the wide range of products available in the catalog, FVPOWER manufactures custom fastenings and structures based on the client's on-site needs, agreeing in advance on costs and delivery times.

The quality of a product depends on how it is designed, the materials chosen for its construction, and the way it is built. Our daily commitment is to achieve the highest level of quality and reliability in our products to satisfy our customers—this is an essential element of our company's culture and values.

MOUNTING SOLUTIONS

FULLY INTEGRATED

Solutions for applications that enable innovative installations aimed at architecturally integrating photovoltaic systems.

PARTIALLY INTEGRATED

For the partial integration of photovoltaic systems on pitched roofs, the market offers an infinite number of solutions. Stability, compatibility, reliability, and a reasonable price/performance ratio are the key characteristics that distinguish a competitive fastening solution.

SOLUTION FOR FLAT ROOFS

Quick and easy installation on flat roofs.



CONFIGURE YOUR SYSTEM

Additional technical support with the structural calculation configurator, facilitating the work of designers and installers.



PRODUCT INDEX

24

PROFILES FOR SEMI-INTEGRATED SYSTEMS



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PROFILES FOR ROOFS IN PITCHED ROOF



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RAILS FOR ROOFS IN PITCHED ROOF



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COUPLINGS AND ACCESSORIES FOR ALUMINIUM PROFILES



35

PRE-ASSEMBLED CENTRAL / SIDE CLAMPS IN ALUMINIUM
PRE-ASSEMBLED CENTRAL / SIDE CLAMPS IN STAINLESS STEEL



44

PRE-ASSEMBLED CENTRAL / SIDE CLAMPS IN ALUMINIUM



47

CLAMPS FOR THERMAL SOLAR PANELS
DOUBLE THREADED SCREWS



54

BALCONY SUPPORTS



56

DOUBLE-ADJUSTMENT FIXING SUPPORTS FOR ROOFS WITH PANTILES
FIXING SUPPORTS FOR ROOFS WITH PANTILES



64

DOUBLE-ADJUSTMENT FIXING SUPPORTS FOR ROOFS WITH TILES OR FLAT TILES
FIXING SUPPORTS FOR ROOFS WITH TILES OR FLAT TILES



77

FIXING SUPPORTS FOR NATURAL STONE, SHINGLE AND ASPHALT SHINGLE ROOFS



86

SUPPORTS FOR PITCHED ROOFS
SUPPORTS FOR STANDING SEAM SHEET METAL ROOFS



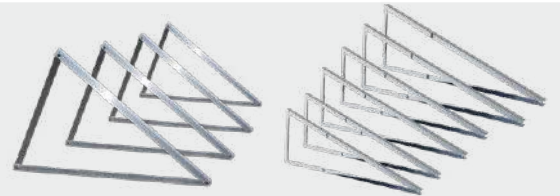
88

SLOPING CONCRETE BALLASTS FOR FLAT ROOFS 0° - 5° - 10° - 15°
BALLAST FOR VERTICAL PANELS 10° - 15°



96

ADJUSTABLE TRIANGULAR SUPPORTS
ADJUSTABLE TRAPEZOIDAL TRIANGULAR SUPPORTS
FIXED TRIANGULAR SUPPORTS



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FIXED SLOPING SUPPORTS FOR FLAT ROOFS AND ASSEMBLY ACCESSORIES



103

STRUCTURAL PROFILES FOR TRIANGULAR SUPPORTS



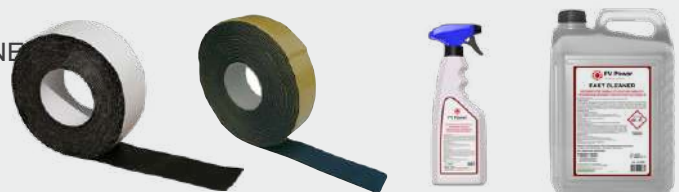
104

HAMMER HEAD SCREWS
SCREWS
NUTS
RIVETS

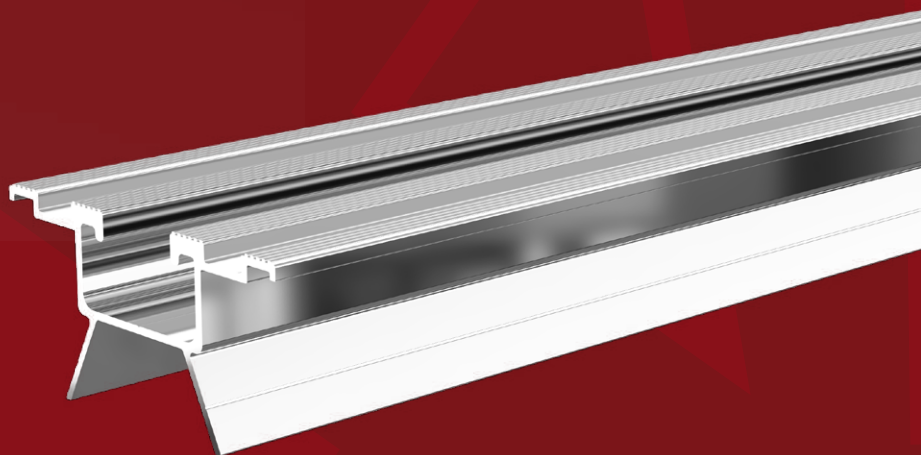
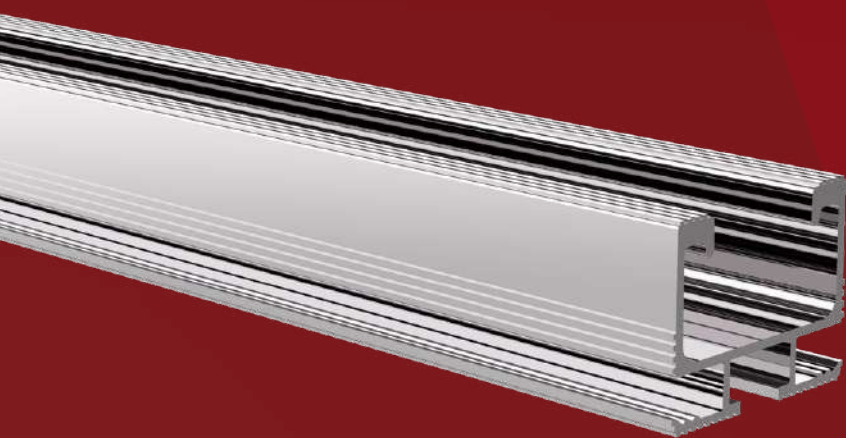


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PROFESSIONAL DETERGENT FOR PHOTOVOLTAIC / THERMAL PANELS
BUTYL TAPE
ADHESIVE STRIP
MASTIC
CONNECTOR



PROFILI





 **MADE IN ITALY**

FVP 250

MEDIUM-STRENGTH PROFILE



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- PROFILE WEIGHT: 0.65 KG/M.
- POSSIBILITY OF INSTALLATION WITH SPACER HDPH145
- MODULUS OF ELASTICITY: 66000 N/MM²
- INERTIA TORQUE: IX: 24469 MM⁴, IY: 45213 MM⁴
- MODULUS OF RESISTANCE: WX: 1529 MM³, WY: 2380 MM³
- EQUIPPED WITH NON-SLIP GROOVES

PROFIL DE RÉSISTANCE MOYENNE



CARACTÉRISTIQUES TECHNIQUES

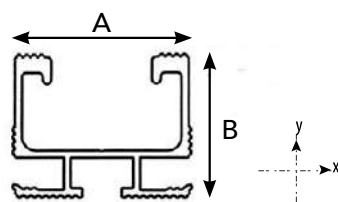
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POIDS PROFILÉ : 0,65 KG/M.
- POSSIBILITÉ DE POSE AVEC ENTRETOISE HDPH145
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- MOMENT D'INERTIE : IX : 24469 MM⁴, IY : 45213 MM⁴
- MODULE DE RÉSISTANCE : WX : 1529 MM³, WY : 2380 MM³
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

MITTELFESTES PROFIL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- GEWICHT PROFIL: 0,65 KG/M.
- MÖGLICHKEIT DER INSTALLATION MIT ABSTANDSHALTER HDPH145
- ELASTIZITÄT MODUL: 66000 N/MM²
- TRÄGHEITSMOMENT: IX: 24469 MM⁴, IY: 45213 MM⁴
- WIDERSTAND MODUL: WX: 1529 MM³, WY: 2380 MM³
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



PATENTED PRODUCT

To mount the profile with the roof brackets, use: bolt M8 x 25 (pag.98) - Hammer head screw M8 x 30 (pag.99)

CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]
FVD100052	PROFILE FVP-250/3.3 -3V-	3300	38	30
FVD100053	PROFILE FVP-250/3.6 -3V-	3600	38	30
FVD100054	PROFILE FVP-250/4.4 -3V-	4400	38	30
FVD100055	PROFILE FVP-250/4.7 -3V-	4700	38	30
FVD100056	PROFILE FVP-250/6.6 -3V-	6600	38	30

Datasheet



FVP 300

MADE IN ITALY

HIGH-STRENGTH PROFILE



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- PROFILE WEIGHT: 0.9 KG/M.
- POSSIBILITY OF INSTALLATION WITH SPACER HDPH145
- MODULUS OF ELASTICITY: 66000 N/MM²
- INERTIA TORQUE: IX: 48084 MM⁴, IY: 54233 MM⁴
- MODULUS OF RESISTANCE: WX:2357 MM³, WY: 2810 MM³
- EQUIPPED WITH NON-SLIP GROOVES

PROFIL HAUTE RÉSISTANCE



CARACTÉRISTIQUES TECHNIQUES

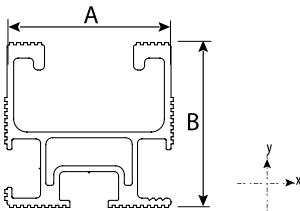
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POIDS PROFILÉ : 0,9 KG/M.
- POSSIBILITÉ DE POSE AVEC ENTRETOISE HDPH145
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- MOMENT D'INERTIE : IX : 48084 MM⁴, IY : 54233 MM⁴
- MODULE DE RÉSISTANCE : WX:2357 MM³, WY: 2810 MM³
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

HOCHFESTES PROFIL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- GEWICHT PROFIL: 0,9 KG/M.
- MÖGLICHKEIT DER INSTALLATION MIT ABSTANDSHALTER HDPH145
- ELASTIZITÄT MODUL: 66000 N/MM²
- TRÄGHEITSMOMENT: IX: 48084 MM⁴, IY: 54233 MM⁴
- WIDERSTAND MODUL: WX:2357 MM³, WY: 2810 MM³
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



PATENTED PRODUCT

To mount the profile with the roof brackets, use: bolt M8 x 25 (pag.98) - Hammer head screw M8 x 30 (pag.99)

CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]
FVD100023	PROFILE FVP-300/3.3	3300	37	37
FVD100045	PROFILE FVP-300/3.6	3600	37	37
FVD100024	PROFILE FVP-300/4.4	4400	37	37
FVD100049	PROFILE FVP-300/4.7	4700	37	37
FVD100029	PROFILE FVP-300/6.6	6600	37	37

Datasheet



FVP 400

MADE IN ITALY

HIGH-STRENGTH PROFILE



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- PROFILE WEIGHT: 1.20 KG/M.
- POSSIBILITY OF INSTALLATION WITH SPACER HDPH145
- MODULUS OF ELASTICITY: 66000 N/MM²
- INERTIA TORQUE: IX: 73342 MM⁴, IY: 92692 MM⁴
- MODULUS OF RESISTANCE: WX: 2922 MM³, WY: 4853 MM³
- EQUIPPED WITH NON-SLIP GROOVES

PROFIL HAUTE RÉSISTANCE



CARACTÉRISTIQUES TECHNIQUES

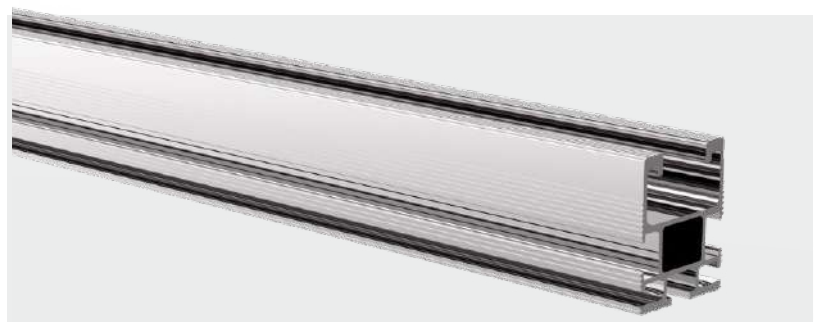
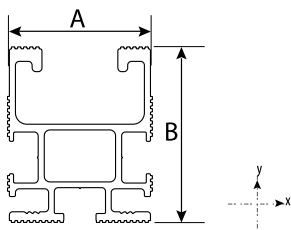
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POIDS PROFILÉ : 1,20 KG/M.
- POSSIBILITÉ DE POSE AVEC ENTRETOISE HDPH145
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- MOMENT D'INERTIE : IX : 73342 MM⁴, IY : 92692 MM⁴
- MODULE DE RÉSISTANCE : WX: 2922 MM³, WY: 4853 MM³
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

HOCHFESTES PROFIL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- GEWICHT PROFIL: 1,20 KG/M.
- MÖGLICHKEIT DER INSTALLATION MIT ABSTANDSHALTER HDPH145
- ELASTIZITÄT MODUL: 66000 N/MM²
- TRÄGHEITSMOMENT: IX: 73342 MM⁴, IY: 92692 MM⁴
- WIDERSTAND MODUL: WX: 2922 MM³, WY: 4853 MM³
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



PATENTED PRODUCT

CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]
FVD100025	PROFILE FVP-400/3.3	3300	38	46
FVD100050	PROFILE FVP-400/3.6	3600	38	46
FVD100026	PROFILE FVP-400/4.4	4400	38	46
FVD100051	PROFILE FVP-400/4.7	4700	38	46
FVD100027	PROFILE FVP-400/6.6	6600	38	46

Datasheet



FVP 100

MADE IN ITALY

MEDIUM-STRENGTH PROFILE FOR ROOFS IN PITCHED ROOF



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- PROFILE WEIGHT: 0.6 KG/M.
- POSSIBILITY OF INSTALLATION WITH SPACER HDPH145
- MODULUS OF ELASTICITY: 66000 N/MM²
- INERTIA TORQUE: IX: 14202 MM⁴, IY: 40903 MM⁴
- MODULUS OF RESISTANCE: WX:1183 MM³, WY:1076 MM³
- EQUIPPED WITH NON-SLIP GROOVES

PROFILÉ DE RÉSISTANCE MOYENNE POUR TOITURES EN TÔLE NERVURÉE



CARACTÉRISTIQUES TECHNIQUES

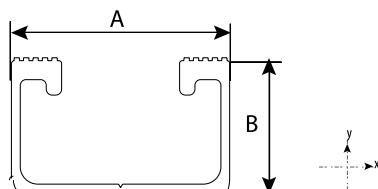
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POIDS PROFILÉ : 0,6 KG/M.
- POSE POSSIBLE AVEC ENTRETOISE HDPH145
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- MOMENT D'INERTIE : IX : 14202 MM⁴, IY : 40903 MM⁴
- MODULE DE RÉSISTANCE : WX:1183 MM³, WY:1076 MM³
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

MITTELFESTES PROFIL FÜR DÄCHER AUS WELLBLECH



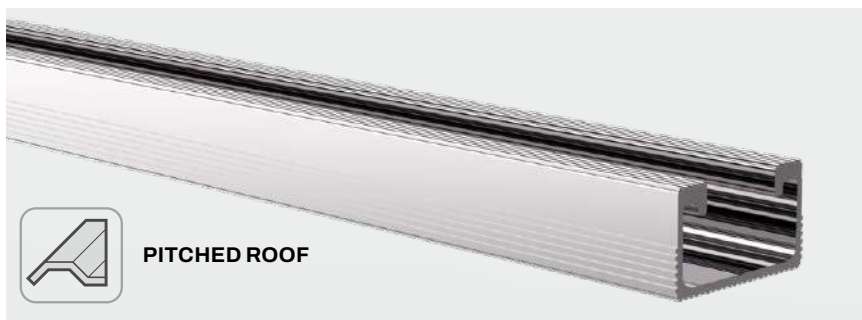
TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- GEWICHT PROFIL: 0,6 KG/M.
- MÖGLICHKEIT DER INSTALLATION MIT ABSTANDSHALTER HDPH145
- ELASTIZITÄT MODUL: 66000 N/MM²
- TRÄGHEITSMOMENT: IX: 14202 MM⁴, IY: 40903 MM⁴
- WIDERSTAND MODUL: WX:1183 MM³, WY:1076 MM³
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



PATENTED PRODUCT

To mount the profile with the roof brackets, use: bolt M8 x 25 (pag.98) - Hammer head screw M8 x 30 (pag.99)



CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]
FVD100015	PROFILE FVP-100/3.3	3300	38	22
FVD100046	PROFILE FVP-100/3.6	3600	38	22
FVD100016	PROFILE FVP-100/4.4	4400	38	22
FVD100047	PROFILE FVP-100/4.7	4700	38	22
FVD100017	PROFILE FVP-100/6.6	6600	38	22

Datasheet



FVP-100B

MADE IN ITALY

MEDIUM-STRENGTH PROFILE RAIL WITH NEOPRENE ADHESIVE STRIP



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- PROFILE WEIGHT: 0.6 KG/M.
- POSSIBILITY OF INSTALLATION WITH SPACER HDPH145
- MODULUS OF ELASTICITY: 66000 N/MM²
- X-AXIS INERTIA TORQUE: 14100 MM⁴
- Y-AXIS INERTIA TORQUE: 41200 MM⁴
- EQUIPPED WITH NON-SLIP GROOVES WITH NEOPRENE ADHESIVE BAND

BARRE PROFILÉE DE FORCE MOYENNE AVEC BANDE ADHÉSIVE EN NÉOPRÈNE



CARACTÉRISTIQUES TECHNIQUES

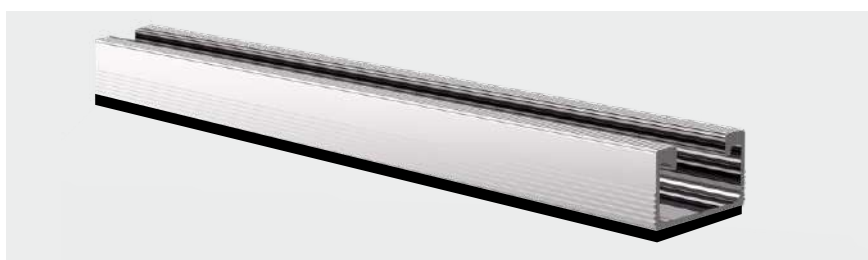
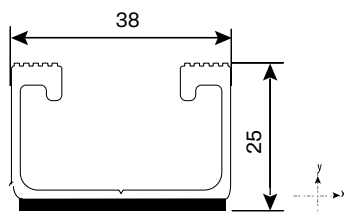
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POIDS PROFILÉ : 0,6 KG/M.
- POSSIBILITÉ DE POSE AVEC ENTRETOISE HDPH145
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- MOMENT D'INERTIE AXE X : 14100 MM⁴
- MOMENT D'INERTIE AXE Y : 41200 MM⁴
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES AVEC BANDE ADHÉSIVE EN NÉOPRÈNE

MITTELFESTE PROFIL-SCHIENE MIT NEOPREN-KLEBESTREIFEN



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- GEWICHT PROFIL: 0,6 KG/M.
- MÖGLICHKEIT DER INSTALLATION MIT ABSTANDSHALTER HDPH145
- ELASTIZITÄT MODUL: 66000 N/MM²
- TRÄGHEITSMOMENT DER X-ACHSE: 14100 MM⁴
- TRÄGHEITSMOMENT DER Y-ACHSE: 41200 MM⁴
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN MIT NEOPREN-KLEBEBAND



To fasten the profile with the roof brackets use: Self-drilling screw (pag.95) - Heavy fixing plugs (pag.94) - Break mandrel rivets (pag.95)

POSSIBILITY FOR PRODUCTION OF RAILS IN CUSTOM LENGTHS - ON REQUEST -

CODE	DESCRIPTION	LENGTH [mm]
FVD100013	FVP-100B PROFILE BAR L=150mm WITH NEOPRENE ADHESIVE BAND	150
FVD100031	FVP-100B PROFILE BAR L=300mm WITH NEOPRENE ADHESIVE BAND	300

Datasheet



FVP 200

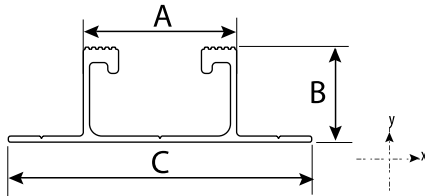
MADE IN ITALY

MEDIUM-STRENGTH PROFILE FOR ROOFS IN PITCHED ROOF



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- PROFILE WEIGHT: 0.8 KG/M.
- POSSIBILITY OF INSTALLATION WITH SPACER HDPH3
- MODULUS OF ELASTICITY: 66000 N/MM²
- X-AXIS INERTIA TORQUE: 17047 MM⁴
- Y-AXIS INERTIA TORQUE: 93878 MM⁴
- EQUIPPED WITH NON-SLIP GROOVES



PROFILÉ DE RÉSISTANCE MOYENNE POUR TOITURES EN TÔLE NERVURÉE



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POIDS PROFILÉ : 0,8 KG/M.
- POSSIBILITÉ DE POSE AVEC ENTRETOISE HDPH3
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- MOMENT D'INERTIE AXE X : 17047 MM⁴
- MOMENT D'INERTIE AXE Y : 93878 MM⁴
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

MITTELFESTES PROFIL FÜR DÄCHER AUS WELLBLECH



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- GEWICHT PROFIL: 0,8 KG/M.
- MÖGLICHKEIT DER INSTALLATION MIT ABSTANDSHALTER HDPH3
- ELASTIZITÄT MODUL: 66000 N/MM²
- TRÄGHEITSMOMENT DER X-ACHSE: 17047 MM⁴
- TRÄGHEITSMOMENT DER Y-ACHSE: 93878 MM⁴
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



PITCHED ROOF

PATENTED PRODUCT

To mount the profile with the roof brackets, use: bolt M8 x 25 (pag.98) - Hammer head screw M8 x 30 (pag.99)

CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]	C [mm]
FVD100018	PROFILE FVP-200/3.3	3300	37	22	75
FVD100036	PROFILE FVP-200/3.6	3600	37	22	75
FVD100019	PROFILE FVP-200/4.4	4400	37	22	75
FVD100037	PROFILE FVP-200/4.7	4700	37	22	75
FVD100020	PROFILE FVP-200/6.6	6600	37	22	75

Datasheet



FVP 200B

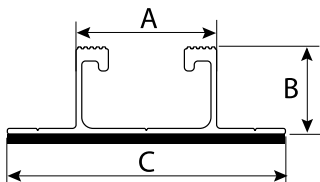
MADE IN ITALY

MEDIUM-STRENGTH PROFILE RAIL



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- POSSIBILITY OF INSTALLATION WITH SPACER HDPH3
- MODULUS OF ELASTICITY: 66000 N/MM²
- EQUIPPED WITH NON-SLIP GROOVES



BARRE PROFILÉE DE FORCE MOYENNE



CARACTÉRISTIQUES TECHNIQUES

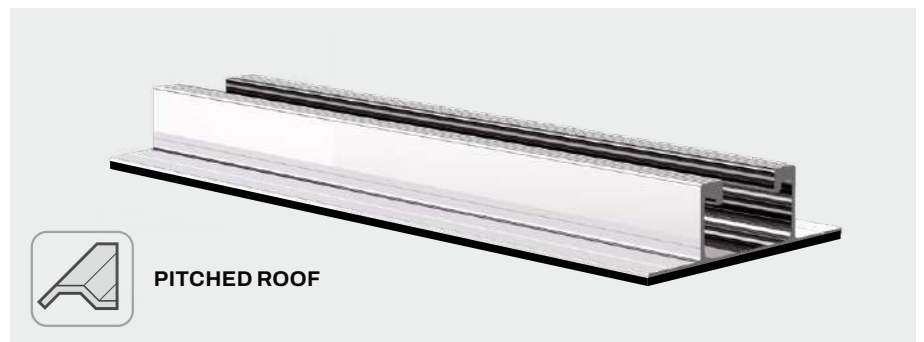
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POSE POSSIBLE AVEC ENTRETOISE HDPH3
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

MITTELFESTE PROFILSCHIENE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- MÖGLICHKEIT DER INSTALLATION MIT ABSTANDSHALTER HDPH3
- ELASTIZITÄT MODUL: 66000 N/MM²
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



PITCHED ROOF

✓ FOR INTEGRATED SYSTEMS

POSSIBILITY FOR PRODUCTION OF RAILS IN CUSTOM LENGTHS - ON REQUEST -

CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]	C [mm]
11110808300	FVP-200B PROFILE RAIL	300	37	22	75
FVD100034	FVP-200B PROFILE RAIL	400	37	22	75
FVD100043	BAR FOR PROFILE FVP-200B WITH NEOPRENE ADHESIVE BAND L=300 MM	300	37	25	75
FVD100044	BAR FOR PROFILE FVP-200B WITH NEOPRENE ADHESIVE BAND L=400 MM	400	37	25	75

Datasheet



FVP 600

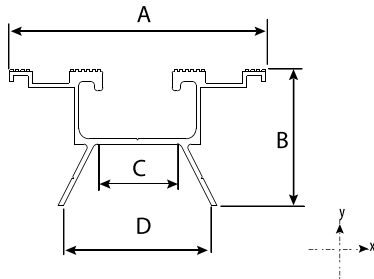
MADE IN ITALY

MEDIUM-STRENGTH PROFILE FOR ROOFS IN PITCHED ROOF



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- PROFILE WEIGHT: 0.9 KG/M.
- MODULUS OF ELASTICITY: 66000 N/MM²
- X-AXIS INERTIA TORQUE: 57131 MM⁴
- Y-AXIS INERTIA TORQUE: 117311 MM⁴
- EQUIPPED WITH NON-SLIP GROOVES



PATENTED PRODUCT

PROFILÉ DE RÉSISTANCE MOYENNE POUR TOITURES EN TÔLE NERVURÉE



CARACTÉRISTIQUES TECHNIQUES

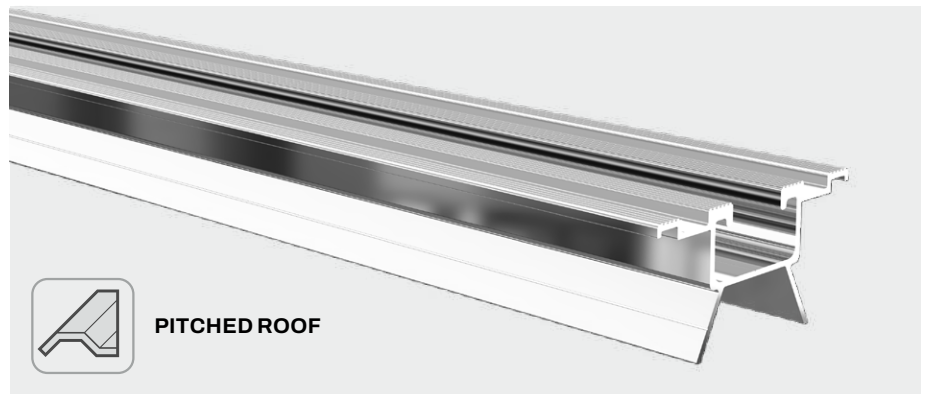
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- POIDS PROFILÉ : 0,9 KG/M.
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- MOMENT D'INERTIE AXE X : 57131 MM⁴
- MOMENT D'INERTIE AXE Y : 117311 MM⁴
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

MITTELFESTES PROFIL FÜR DÄCHER AUS WELLBLECH



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- GEWICHT PROFIL: 0,9 KG/M.
- ELASTIZITÄT MODUL: 66000 N/MM²
- TRÄGHEITSMOMENT DER X-ACHSE: 57131 MM⁴
- TRÄGHEITSMOMENT DER Y-ACHSE: 117311 MM⁴
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



Datasheet



CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]	C [mm]	D [mm]
11111043	PROFILE FVP-600/4	4120	75	40	25	43

FVP 600B

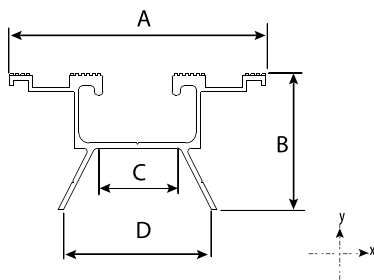
MADE IN ITALY

MEDIUM-STRENGTH PROFILE



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- MODULUS OF ELASTICITY: 66000 N/MM²
- EQUIPPED WITH NON-SLIP GROOVES



BARRE PROFILÉE DE FORCE MOYENNE



CARACTÉRISTIQUES TECHNIQUES

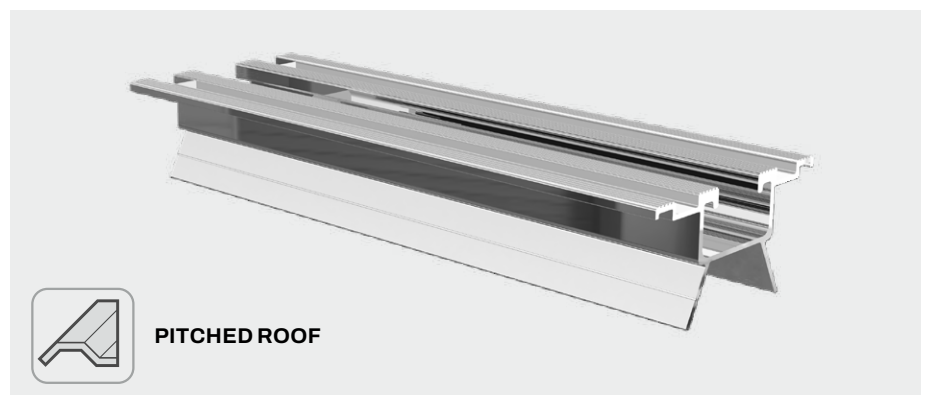
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- MODULE D'ÉLASTICITÉ : 66000 N/MM²
- ÉQUIPÉ DE RAINURES ANTIDÉRAPANTES

MITTELFESTE PROFILSCHIENE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- ELASTIZITÄT MODUL: 66000 N/MM²
- AUSGESTATTET MIT RUTSCHFESTEN RILLEN



Datasheet



POSSIBILITY FOR PRODUCTION OF RAILS IN CUSTOM LENGTHS - ON REQUEST -

CODE	DESCRIPTION	LENGTH [mm]	A [mm]	B [mm]	C [mm]	D [mm]
11111043125	FVP-600B PROFILE RAIL - L.125	125	75	40	25	43
FVD100032	FVP-600B PROFILE RAIL - L.300	300	75	40	25	43



MULTI-PURPOSE RUBBER BAND SET



ENSEMBLE DE BANDES EN CAOUTCHOUC POLYVALENTES

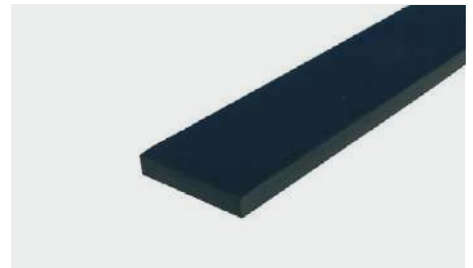


MEHRZWECK GUMMIBAND-SET



CODE	DESCRIPTION	DIMENSIONS [mm]
11100069	MULTI-PURPOSE BAND	610 x 50 x TH. 9
11100069BOX	MULTI-PURPOSE BAND SET 2pcs.	610 x 50 x TH. 9

Datasheet



HGCPH3

MADE IN ITALY

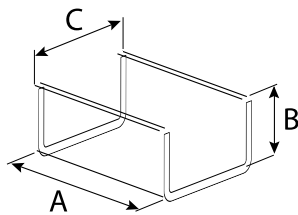
COUPLING FOR PROFILES FVP-200/100



JONCTION POUR PROFILS FVP-200/100



KUPPLUNG FÜR PROFILE FVP-200/100



AISI 304 STAINLESS STEEL

Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]
FVD100041	COUPLING FOR PROFILES 200/100 IN ALLUMINIUM	100	16	33
FVD100041BOX	COUPLING FOR PROFILES 200/100 IN ALLUMINIUM BOX 30 pcs.	100	16	33

HGCP

MADE IN ITALY

COUPLING FOR PROFILES FVP 400/300/250



JONCTION POUR PROFILS FVP 400/300/250



KUPPLUNG FÜR PROFILE FVP-200/100



TECHNICAL SPECIFICATIONS

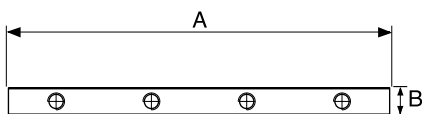
- MATERIAL: AISI 304 STAINLESS STEEL
- COMPLETE WITH NO. 4 A2 STAINLESS STEEL SHC SCREWS M8 X 10
- SCREW TIGHTENING WITH HEX KEY 6

CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- AVEC 4 VIS TCEI EN ACIER INOXYDABLE A2 M8 X 10
- SERRAGE VISSAGE AVEC CLÉ HEXAGONALE DE 6

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- KOMPLETT MIT NR. 4 SHC-SCHRAUBEN AUS EDELSTAHL A2, M8 X 10
- SCHRAUBENFESTZIEHEN MIT INBUSSCHLÜSSEL 6



Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]
11110720	COUPLING FOR PROFILES FVP - 400/300/250	180	13

HGCP

MADE IN ITALY

COUPLING FOR PROFILES FVP 400/300/250

TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- THICKNESS: 5 MM
- 4X M8 SCREWS IN STAINLESS STEEL (M8X12 ISO 4026) INCLUDED

JONCTION POUR PROFILS FVP 400/300/250

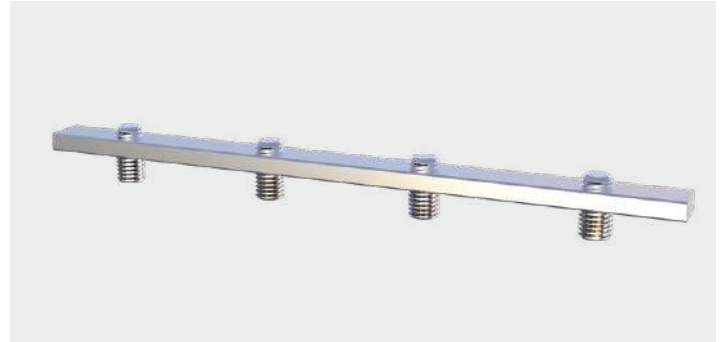
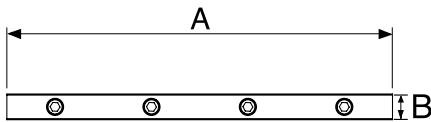
CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- ÉPAISSEUR : 5 MM
- 4X M8 VIES EN ACIER INOXYDABLE (M8X12 ISO 4026) INCLUS

COUPLING FOR PROFILES FP 400/300/250

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- DICKE: 5 MM
- 4X M8-SCHRAUBE AUS EDELSTAHL (M8X12 ISO 4026) INBEGRIFFEN



Example installation on profile



CODE	DESCRIPTION	A [mm]	B[mm]
FVD100040	COUPLING FOR PROFILES FVP 400/300/250	180	12
FVD100040BOX	COUPLING FOR PROFILES FVP 400/300/250 - BOX 30 PCS	180	12

Datasheet



HGCP

MADE IN ITALY

CLOSING CAP FOR PROFILES FVP

TECHNICAL SPECIFICATIONS

- MATERIAL: PA ANTI-UVA
- EQUIPPED WITH BACK DRAIN FOR WATER DRAINAGE

BOUCHON DE FERMETURE POUR PROFILS FVP

CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU: PA ANTI UVA
- ÉQUIPÉS D'UN DRAIN ARRIÈRE POUR LE DRAINAGE DE L'EAU

VERSCHLUSSKAPPE FÜR PROFILE FVP

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: PA ANTI-UV
- AUSGESTATTET MIT RÜCKWÄRTSABFLUSS FÜR DEN WASSERABFLUSS



CODE	DESCRIPTION
11110842	MEDIUM CLOSING PLUG FOR PROFILE FVP - 400
11110842BOX	MEDIUM CLOSING PLUG FOR PROFILE FVP - 400 - BOX 50pcs.
11110843	MEDIUM CLOSING PLUG FOR PROFILE FVP - 300
11110843BOX	MEDIUM CLOSING PLUG FOR PROFILE FVP - 300 BOX 50pcs.
11110844	SMALL CLOSING PLUG FOR PROFILE FVP - 100/200/250
11110844BOX	SMALL CLOSING PLUG FOR PROFILE FVP - 100/200/250 BOX 50pcs.

Datasheet



HGP-3

MADE IN ITALY

COUPLING FOR CONNECTION OF FLAT PROFILES FVP



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- COMPLETE WITH NO. 2 SHC SCREWS M8 X 20, NO. 2 A2 STAINLESS STEEL WASHERS AND NO. 2 SLIDERS
- SCREW TIGHTENING WITH HEX KEY 6

JONCTION POUR CONNEXIONS PLATES PROFILS FVP



CARACTÉRISTIQUES TECHNIQUES

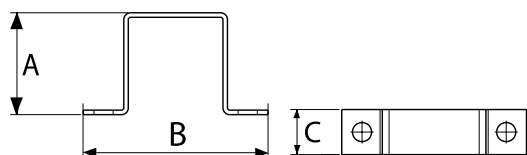
- MATÉRIAU : ACIER INOX AISI 304
- AVEC 2 VIS TCEI M8 X 20, 2 RONDELLES EN ACIER INOXYDABLE A2 ET 2 CURSEURS
- SERRAGE VISSAGE AVEC CLÉ HEXAGONALE DE 6

KUPPLUNG ZUM VERBINDEN VON FLACHPROFILIEN FVP



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- KOMPLETT MIT NR. 2 SHC-SCHRAUBEN M8 X 20, NR. 2 A2-EDELSTAHL-UNTERLEGSCHIEBEN UND NR. 2 SCHIEBER
- SCHRAUBENFESTZIEHEN MIT INBUSSCHLÜSSEL 6



Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]	FOR PROFILES
11110767	HGP-3 PERPENDICULAR COUPLING	36	82	20	FVP-300
11110767BOX	HGP-3 PERPENDICULAR COUPLING BOX 10pcs.	36	82	20	FVP-300

HP

MADE IN ITALY

COUPLING FOR CONNECTION OF FLAT PROFILES FVP



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- COMPLETE WITH NO. 4 SCREWS, NO. 4 A2 STAINLESS STEEL WASHERS AND NO. 4 SLIDERS
- SCREW TIGHTENING WITH HEX KEY 6

JONCTION POUR CONNEXIONS PLATES PROFILS FVP



CARACTÉRISTIQUES TECHNIQUES

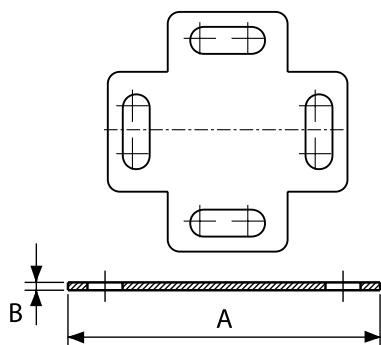
- MATÉRIAU : ACIER INOX AISI 304
- AVEC 4 VIS, 4 RONDELLES EN ACIER INOXYDABLE A2 ET 4 CURSEURS
- SERRAGE VISSAGE AVEC CLÉ HEXAGONALE DE 6

KUPPLUNG ZUM VERBINDEN VON FLACHPROFILIEN FVP



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- KOMPLETT MIT NR. 4 SCHRAUBEN, NR. 4 A2-EDELSTAHL - UNTERLEGSCHIEBEN UND NR. 4 SCHIEBER
- SCHRAUBENFESTZIEHEN MIT INBUSSCHLÜSSEL 6



AVAILABLE ON REQUEST

Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]
11110719	HP CONNECTION COUPLING	80	2
11110719BOX	HP CONNECTION COUPLING BOX 10pcs.	80	2

HSPI

MADE IN ITALY

FIXING WALL BRACKETS FOR INTEGRATED PROFILES FVP 300



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- IDEAL FOR LIFTING THE PROFILE AND ALLOWING STORM WATER DRAINAGE
- RECOMMENDED FOR RAISING THE PROFILE AND IMPROVING THE VENTILATION OF PHOTOVOLTAIC PANELS

SUPPORT DE FIXATION POUR PROFILS INTÉGRÉS FVP 300



CARACTÉRISTIQUES TECHNIQUES

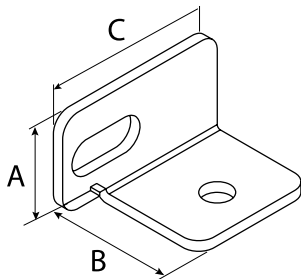
- MATÉRIAU : ACIER INOX AISI 304
- IDÉAL POUR REHAUSSER LE PROFILÉ ET PERMETTRE L'ÉVACUATION DES EAUX PLUVIALES
- RECOMMANDÉ POUR REHAUSSER LE PROFILÉ ET AMÉLIORER LA VENTILATION DES PANNEAUX PHOTOVOLTAÏQUES

BEFESTIGUNG VON WANDHALTERUNGEN FÜR INTEGRIERTE PROFILE FVP 300



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- IDEAL ZUM ANHEBEN DES PROFILS UND ZUM ERMÖGLICHEN STURMWASSERABFLUSS
- EMPFOHLEN, UM DAS PROFIL ZU ERHÖHEN UND DIE BELÜFTUNG VON PHOTOVOLTAIK-PANEELE ZU VERBESSERN



AISI 304 STAINLESS STEEL



CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]	HOLE Ø [mm]
11110731	HSPI PROFILE FIXING WALL BRACKET	30	33	50	8.5
11110731BOX	HSPI PROFILE FIXING WALL BRACKET BOX 30pcs.	30	33	50	8.5
11110732	HSAPI PROFILE FIXING WALL BRACKET	55	33	50	8.5
11110732BOX	HSAPI PROFILE FIXING WALL BRACKET BOX 30pcs.	55	33	50	8.5

Datasheet



HPB

MADE IN ITALY

LOCKING PLATE FOR PROFILE FVP 300



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FOR FIXING FVP 500/400/300 PROFILES
- EQUIPPED WITH ANTI-FALL SLIDING LOOP
- COMPLETE WITH REAR NUT BLOCK
- TO BE USED ON ALL ROOF TILE AND TILE BRACKETS

PLAQUE DE BLOCAGE POUR PROFILÉ FVP 300



CARACTÉRISTIQUES TECHNIQUES

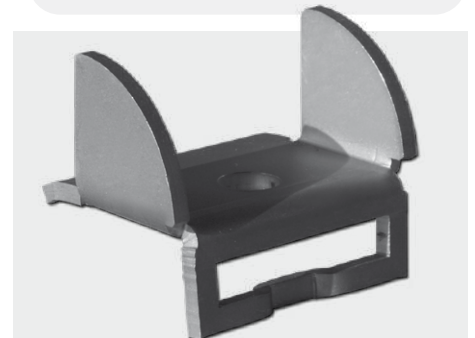
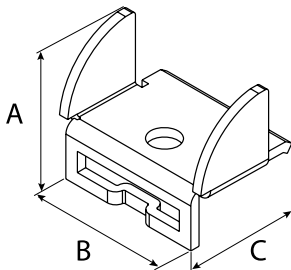
- MATÉRIAU : ACIER INOX AISI 304
- POUR LA FIXATION DES PROFILÉS FVP 500/400/300
- ÉQUIPÉ D'UNE BOUCLE COULISSANTE ANTI-CHUTE
- FOURNIE AVEC BLOCAGE DE L'ÉCROU ARRIÈRE
- À UTILISER SUR TOUS LES CARREAUX ET SUPPORTS DE CARREAUX

SICHERUNGSBLECH FÜR PROFIL FVP 300



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- ZUR BEFESTIGUNG DER PROFILE FVP 500/400/300
- AUSGESTATTET MIT ANTI-FALL-GLEITSCHLAUFE
- KOMPLETT MIT HINTERER SPERRMUTTERBLOCK
- ZUR VERWENDUNG AUF ALLEN DACHZIEGELN UND DACHZIEGELHALTERUNGEN



PATENTED PRODUCT

Kit complete with shc screw m8x25 with washer ø16 and self-locking nut m8 in a2 stainless steel.

CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]	HOLE Ø [mm]
11110717	HPB LOCKING PLATE	33	43	30.8	8.5
11110717BOX	HPB LOCKING PLATE BOX 50pcs.	33	43	30.8	8.5

Datasheet



HDPH3

MADE IN ITALY

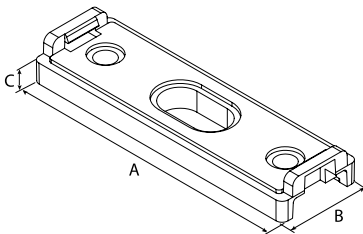
INSULATING AND VENTILATING SPACER FOR PROFILE "FVP-200"



TECHNICAL SPECIFICATIONS

- MATERIAL : PA ANTI-UVA
- EXCELLENT INSULATION BETWEEN PROFILE AND SUPPORT AGAINST GALVANIC CURRENTS
- IDEAL FOR LIFTING THE PROFILE AND ALLOWING STORM WATER DRAINAGE
- POSSIBILITY TO OVERLAP THE SPACERS TO INCREASE THE SPACE
- DOUBLE POSSIBILITY OF FASTENING WITH SELF-DRILLING SCREWS Ø 5 OR M8 SCREW
- RECOMMENDED FOR RAISING THE PROFILE AND IMPROVING THE VENTILATION OF PHOTOVOLTAIC PANELS

- ✓ It allows ventilation of the panels
- ✓ Possibility of overlapping spacers
- ✓ Insulation



ENTRETOISE D'ISOLATION ET DE VENTILATION POUR PROFILÉ FVP-200



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : PA ANTI UVA
- EXCELLENTE ISOLATION ENTRE LE PROFILÉ ET LE SUPPORT CONTRE LES COURANTS GALVANIQUES
- IDÉAL POUR REHAUSSER LE PROFILÉ ET PERMETTRE L'ÉVACUATION DES EAUX PUVIALES
- POSSIBILITÉ DE CHEVAUCHER LES ENTRETOISES POUR AUGMENTER L'ESPACE
- DOUBLE POSSIBILITÉ DE FIXATION AVEC DES VIS AUTOTARAUDEUSES Ø 5 OU DES VIS M8
- RECOMMANDÉ POUR REHAUSSER LE PROFILÉ ET AMÉLIORER LA VENTILATION DES PANNEAUX PHOTOVOLTAÏQUES



ISOLIER - UND BELÜFTUNGSABSTANDHALTER FÜR PROFIL "FVP-200"



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: PA ANTI-UV
- AUSGEZEICHNETE ISOLIERUNG ZWISCHEN PROFIL UND STÜTZE GEGEN GALVANISCHE STÖRUNGEN
- IDEAL ZUM ANHEBEN DES PROFILS UND ZUM ERMÖGLICHEN STURMWASSERABFLUSS
- MÖGLICHKEIT, DIE ABSTANDSHALTER ÜBERLAPPEN ZU LASSEN, UM DEN ABSTAND ZU VERGRÖßERN
- DOPPELTE BEFESTIGUNGSMÖGLICHKEIT MIT SELBSTBOHRENDEN SCHRAUBEN Ø 5 ODER M8 SCHRAUBE
- EMPFOHLEN, UM DAS PROFIL ZU ERHÖHEN UND DIE BELÜFTUNG VON PHOTOVOLTAIK-PANEELE ZU VERBESSERN

Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]
11111035	SPACER FOR PROFILES FVP-200	82	30	7
11111035BOX	SPACER FOR PROFILES FVP-200 BOX 50pcs.	82	30	7

HDPH145

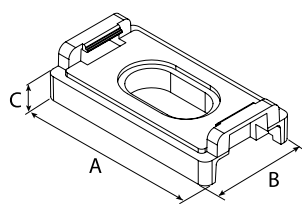
MADE IN ITALY

INSULATION AND VENTILATING SPACER FOR FVP-400/300/100 PROFILES



TECHNICAL SPECIFICATIONS

- MATERIAL : PA ANTI-UVA
- EXCELLENT INSULATION BETWEEN PROFILE AND SUPPORT AGAINST GALVANIC CURRENTS
- IDEAL FOR LIFTING THE PROFILE AND ALLOWING STORM WATER DRAINAGE
- POSSIBILITY TO OVERLAP THE SPACERS TO INCREASE THE SPACE
- DOUBLE POSSIBILITY OF FASTENING WITH SELF-DRILLING SCREWS Ø 5 OR M8 SCREW
- RECOMMENDED FOR RAISING THE PROFILE AND IMPROVING THE VENTILATION OF PHOTOVOLTAIC PANELS



ENTRETOISE D'ISOLATION ET DE VENTILATION POUR PROFILÉ FVP-400/300/100"



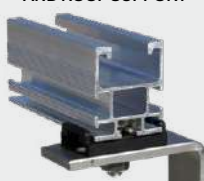
CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : PA ANTI UVA
- EXCELLENTE ISOLATION ENTRE LE PROFILÉ ET LE SUPPORT CONTRE LES COURANTS GALVANIQUES
- IDÉAL POUR REHAUSSER LE PROFILÉ ET PERMETTRE L'ÉVACUATION DES EAUX PUVIALES
- POSSIBILITÉ DE CHEVAUCHER LES ENTRETOISES POUR AUGMENTER L'ESPACE
- DOUBLE POSSIBILITÉ DE FIXATION AVEC DES VIS AUTOTARAUDEUSES Ø 5 OU DES VIS M8
- RECOMMANDÉ POUR REHAUSSER LE PROFIL ET AMÉLIORER LA VENTILATION DES PANNEAUX PHOTOVOLTAÏQUES

EXAMPLE OF INSTALLATION ON PROFILE FVP 100



EXAMPLE INSTALLATION ON PROFILE FVP 400 AND ROOF SUPPORT



EXAMPLE OF INSTALLATION ON PROFILE FVP 300



SOLIER - UND BELÜFTUNGSABSTANDHALTER FÜR PROFIL FVP-400/300/100



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: PA ANTI-UV
- AUSGEZEICHNETE ISOLIERUNG ZWISCHEN PROFIL UND STÜTZE GEGEN GALVANISCHE STÖRUNGEN
- IDEAL ZUM ANHEBEN DES PROFILS UND ZUM ERMÖGLICHEN STURMWASSERABFLUSS
- MÖGLICHKEIT, DIE ABSTANDSHALTER ÜBERLAPPEN ZU LASSEN, UM DEN ABSTAND ZU VERGRÖßERN
- DOPPELTE BEFESTIGUNGSMÖGLICHKEIT MIT SELBSTBOHRENDEN SCHRAUBEN Ø 5 ODER M8 SCHRAUBE
- EMPFOHLEN, UM DAS PROFIL ZU ERHÖHEN UND DIE BELÜFTUNG VON PHOTOVOLTAIK-PANEELE ZU VERBESSERN

Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]
11111036	FOR FVP-400/300/100 PROFILES	50	30	7
11111036BOX	SPACER FOR FVP-400/300/100 PROFILES BOX 50pcs.	50	30	7

SIDE AND CENTRAL CLAMPS



EASY CLACK

MADE IN ITALY

PRE-ASSEMBLED CENTRAL CLAMP

TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- CLAMP LENGTH: 40MM
- A2 STAINLESS HARDWARE AND SPRING
- SUPPLIED PRE-ASSEMBLED
- QUICK COUPLING SYSTEM COMPATIBLE WITH FVP PROFILES (*FOR FVP250 PROFILES COMPATIBLE ONLY WITH THE -3V- SERIES, CODES FVD100052 AND SUBSEQUENT)
- UNIVERSAL FOR PANELS FROM 27 MM TO 40 MM
- SCREW TIGHTENING WITH HEX KEY 6
- NON-SLIP KNURLING
- REFER TO THE TECHNICAL DATASHEET FOR TORQUE SPECIFICATIONS

PINCE CENTRALE UNIVERSELLE PRÉ-ASSEMBLÉE

CARACTÉRISTIQUES TECHNIQUES

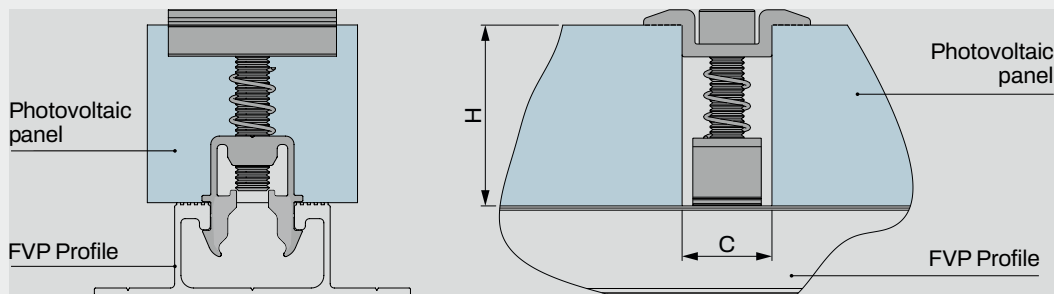
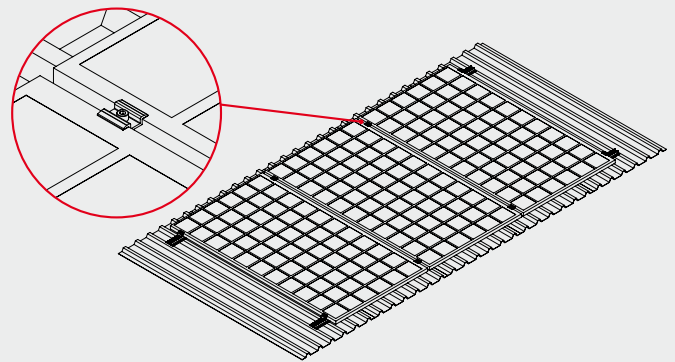
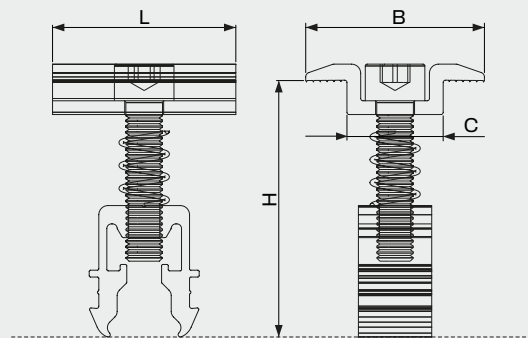
- MATÉRIAU: ALLIAGE D'ALUMINIUM 6060
- LONGUEUR DE LA PINCE : 40 MM
- VIS ET RESSORT EN ACIER INOXYDABLE A2
- LIVRÉ PRÉ-ASSEMBLÉ
- SYSTÈME DE FIXATION RAPIDE COMPATIBLE AVEC LES PROFILÉS FVP (*POUR LES PROFILÉS FVP250 COMPATIBLE UNIQUEMENT AVEC LA SÉRIE -3V-, CODES FVD100052 ET SUIVANTS)
- UNIVERSEL POUR DES HAUTEURS DE PANNEAUX COMPRISES ENTRE 27 MM ET 40 MM
- SERRAGE DES VIS AVEC UNE CLÉ HEXAGONALE DE 6 MM
- AVEC MOLETAGE ANTIDÉRAPANT
- SE RÉFÉRER À LA FICHE TECHNIQUE POUR LES COUPLES DE SERRAGE

VORMONTIERTE UNIVERSELLE ZENTRALE KLEMME

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- KLEMMENLÄNGE: 40 MM
- SCHRAUBEN UND FEDER AUS EDELSTAHL INOX A2
- VORMONTIERT GELIEFERT
- SCHNELLKUPPLUNGSSYSTEM KOMPATIBEL MIT FVP-PROFILEN (*FÜR FVP250-PROFILE NUR KOMPATIBEL MIT DER -3V- SERIE, CODES FVD100052 UND FOLGENDE)
- UNIVERSAL FÜR PLATTEN MIT HÖHEN VON 27 BIS 40 MM
- SCHRAUBENANZUG MIT SECHSKANTSCHLÜSSEL 6
- RUTSCHFESTE RÄNDELUNG VORHANDEN
- TECHNISCHES DATENBLATT FÜR DIE DREHMOMENTANGABEN BEACHTEN

NEW



CODE	DESCRIPTION	H [mm]	L [mm]	B [mm]	C [mm]
FVD200041	PRE-ASSEMBLED CENTRAL CLAMP	27÷40	40	39	21
FVD200041BOX	PRE-ASSEMBLED CENTRAL CLAMP - BOX 50PZ	27÷40	40	39	21
FVD200043	PRE-ASSEMBLED CENTRAL CLAMP - BLACK	27÷40	40	39	21
FVD200043BOX	PRE-ASSEMBLED CENTRAL CLAMP - BLACK BOX 50PZ	27÷40	40	39	21

[Datasheet](#)





PRE-ASSEMBLED UNIVERSAL SIDE CLAMP



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- CLAMP LENGTH: 40MM
- A2 STAINLESS HARDWARE AND SPRING
- SUPPLIED PRE-ASSEMBLED
- QUICK COUPLING SYSTEM COMPATIBLE WITH FVP PROFILES (*FOR FVP250 PROFILES COMPATIBLE ONLY WITH THE -3V- SERIES, CODES FVD100052 AND SUBSEQUENT)
- UNIVERSAL FOR PANELS FROM 27 MM TO 40 MM
- SCREW TIGHTENING WITH HEX KEY 6
- NON-SLIP KNURLING
- REFER TO THE TECHNICAL DATASHEET FOR TORQUE SPECIFICATIONS

PINCE LATÉRALE UNIVERSELLE PRÉ-ASSEMBLÉE



CARACTÉRISTIQUES TECHNIQUES

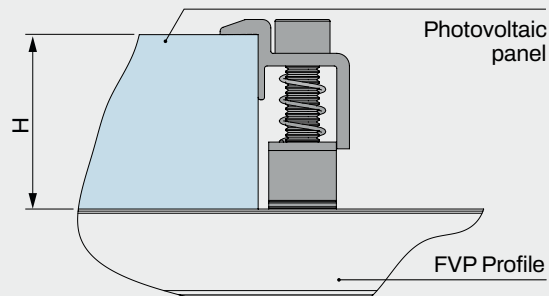
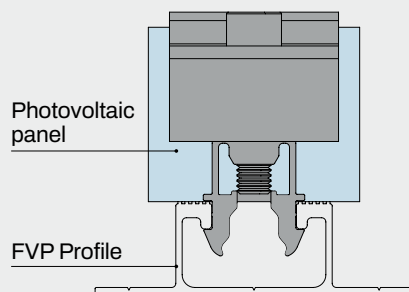
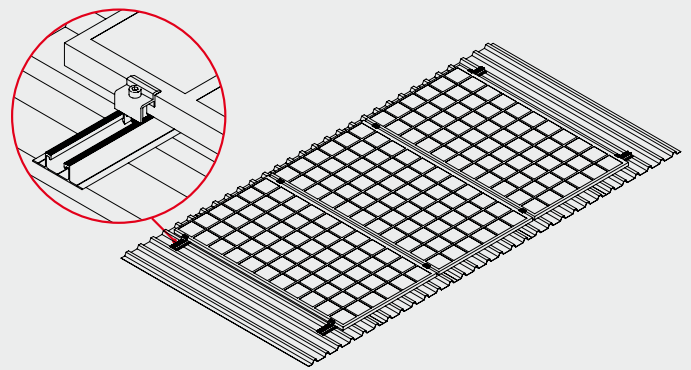
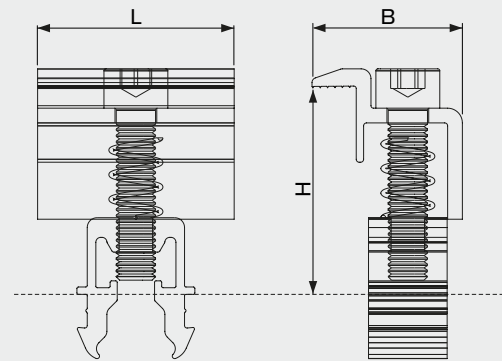
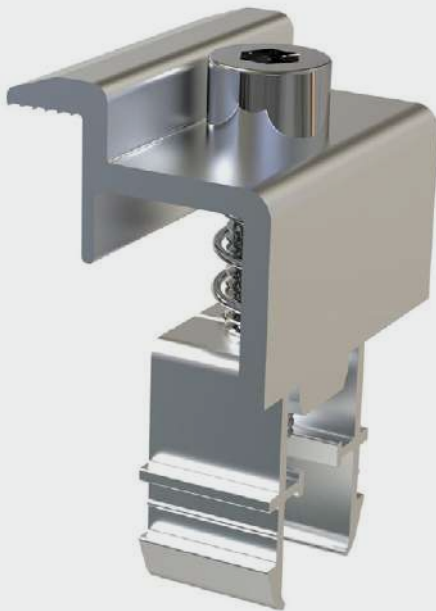
- MATÉRIAU: ALLIAGE D'ALUMINIUM 6060
- LONGUEUR DE LA PINCE : 40 MM
- VIS ET RESSORT EN ACIER INOXYDABLE A2
- LIVRÉ PRÉ-ASSEMBLÉ
- SYSTÈME DE FIXATION RAPIDE COMPATIBLE AVEC LES PROFILÉS FVP (*POUR LES PROFILÉS FVP250 COMPATIBLE UNIQUEMENT AVEC LA SÉRIE -3V-, CODES FVD100052 ET SUIVANTS)
- UNIVERSEL POUR DES HAUTEURS DE PANNEAUX COMPRISES ENTRE 27 MM ET 40 MM
- SERRAGE DES VIS AVEC UNE CLÉ HEXAGONALE DE 6 MM
- AVEC MOLETAGE ANTIDÉRAPANT
- SE RÉFÉRER À LA FICHE TECHNIQUE POUR LES COUPLES DE SERRAGE

VORMONTIERTE UNIVERSELLE SEITLICHE KLEMME

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- KLEMMENLÄNGE: 40 MM
- SCHRAUBEN UND FEDER AUS EDELSTAHL INOX A2
- VORMONTIERT GELIEFERT
- SCHNELLKUPPLUNGSSYSTEM KOMPATIBEL MIT FVP-PROFILEN (*FÜR FVP250-PROFILE NUR KOMPATIBEL MIT DER -3V- SERIE, CODES FVD100052 UND FOLGENDE)
- UNIVERSAL FÜR PLATTEN MIT HÖHEN VON 27 BIS 40 MM
- SCHRAUBENANZUG MIT SECHSKANTSCHLÜSSEL 6
- RUTSCHFESTE RÄNDELUNG VORHANDEN
- TECHNISCHES DATENBLATT FÜR DIE DREHMOMENTANGABEN BEACHTEN

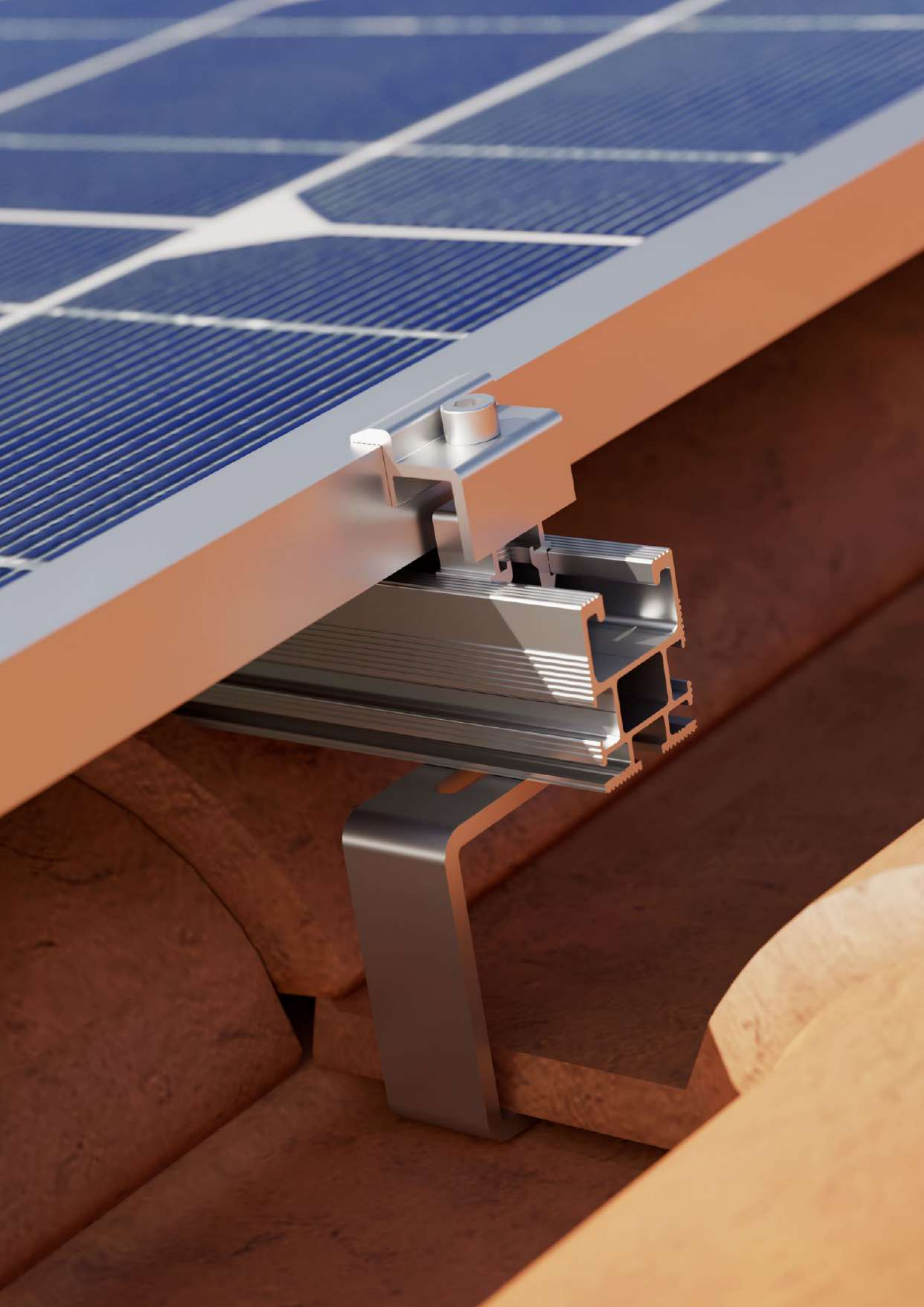
NEW



CODE	DESCRIPTION	H [mm]	L [mm]	B [mm]
FVD200042	PRE-ASSEMBLED SIDE CLAMP	27÷40	40	31
FVD200042BOX	PRE-ASSEMBLED SIDE CLAMP - BOX 50PZ	27÷40	40	31
FVD200044	PRE-ASSEMBLED SIDE CLAMP - BLACK	27÷40	40	31
FVD200044BOX	PRE-ASSEMBLED SIDE CLAMP - BLACK BOX 50PZ	27÷40	40	31

[Datasheet](#)





UNIVERSAL PRE-ASSEMBLED CENTRAL CLAMP IN ALUMINIUM



TECHNICAL SPECIFICATIONS

- CLAMP MATERIAL: ALUMINIUM
- CLAMP LENGTH: 50 MM
- FOR PANELS HEIGHT: 28÷38 MM
- M8 SCREW IN STAINLESS STEEL

PINCE CENTRALE DÉJÀ ASSEMBLÉE UNIVERSELLE EN ALUMINIUM



CARACTÉRISTIQUES TECHNIQUES

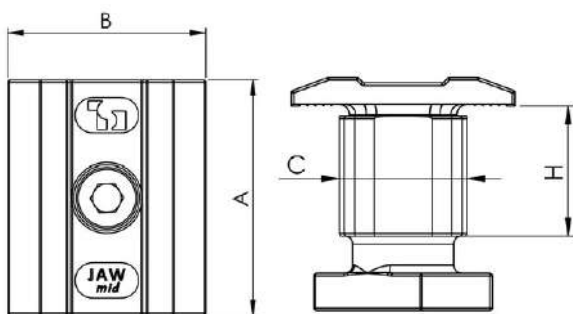
- MATÉRIAU PINCE : ALUMINIUM
- LONGUEUR PINCE : 50 MM
- POUR LES PANNEAUX D'UNE HAUTEUR DE : 28÷38 MM
- VIS M8 EN ACIER INOXYDABLE

UNIVERSELLE VORMONTIERTE ZENTRALE KLEMME AUS ALUMINIUM



TECHNISCHE EIGENSCHAFTEN

- KLEMMENMATERIAL: ALUMINIUM
- KLEMMENLÄNGE: 50 MM
- FÜR PLATTENHÖHE: 28÷38 MM
- M8-SCHRAUBE AUS EDELSTAHL



A [mm]	B [mm]	C [mm]	H [mm]
50	42	24	28÷38

CODE	DESCRIPTION
FVD200023	MCU UNIVERSAL CENTRAL CLAMP
FVD200023BOX	MCU UNIVERSAL CENTRAL CLAMP BOX 50pz.
FVD200025	MCU BLACK UNIVERSAL CENTRAL CLAMP
FVD200025BOX	MCU BLACK UNIVERSAL CENTRAL CLAMP BOX 50pz.

Datasheet



UNIVERSAL PRE-ASSEMBLED SIDE CLAMP IN ALUMINIUM



TECHNICAL SPECIFICATIONS

- CLAMP MATERIAL: ALUMINIUM
- CLAMP LENGTH: 50 MM
- FOR PANELS HEIGHT : 28÷38 MM
- M8 SCREW IN STAINLESS STEEL

PINCE LATÉRALE DÉJÀ ASSEMBLÉE UNIVERSELLE EN ALUMINIUM



CARACTÉRISTIQUES TECHNIQUES

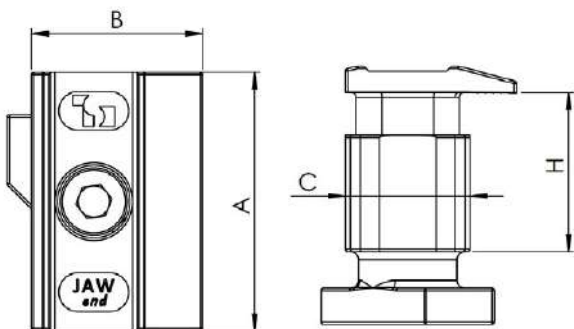
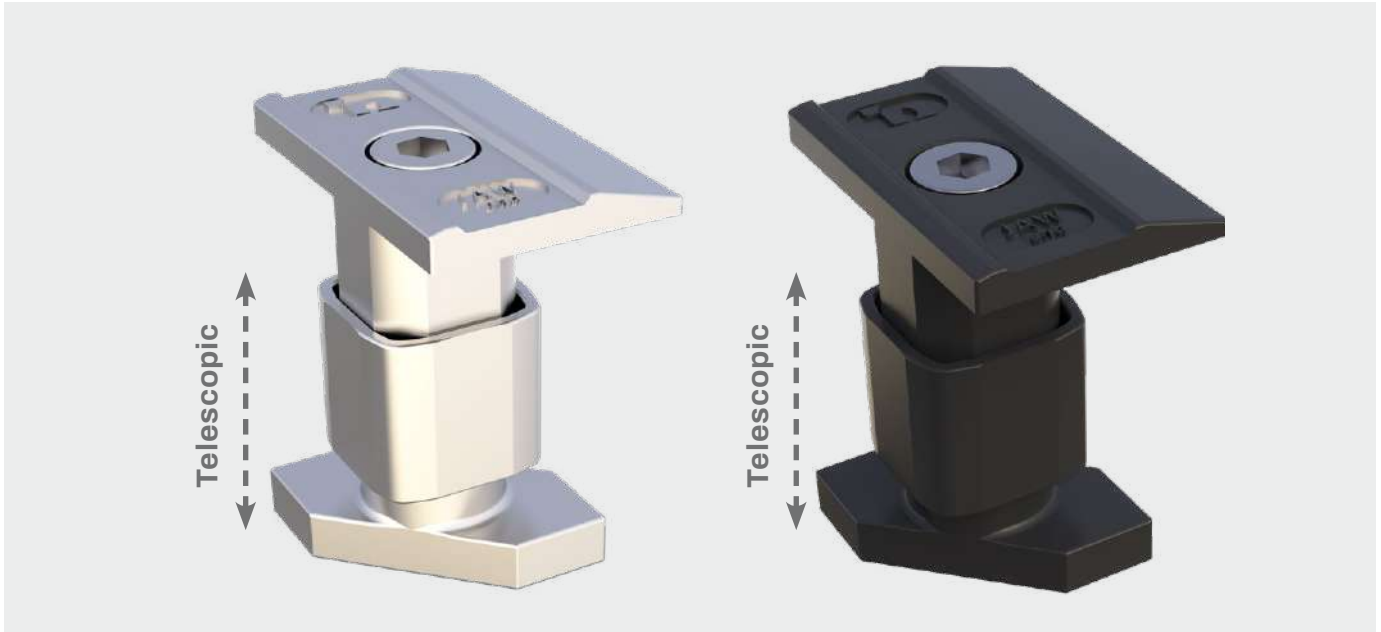
- MATÉRIAU PINCE : ALUMINIUM
- LONGUEUR PINCE : 50 MM
- POUR LES PANNEAUX D'UNE HAUTEUR DE : 28÷38 MM
- VIS M8 EN ACIER INOXYDABLE

UNIVERSELLE VORMONTIERTE SEITENKLEMME AUS ALUMINIUM



TECHNISCHE EIGENSCHAFTEN

- KLEMMENMATERIAL: ALUMINIUM
- KLEMMENLÄNGE: 50 MM
- FÜR PLATTENHÖHE: 28÷38 MM
- M8-SCHRAUBE AUS EDELSTAHL



A [mm]	B [mm]	C [mm]	H [mm]
50	33	24	28÷38

CODE	DESCRIPTION
FVD200024	MLU UNIVERSAL SIDE CLAMP
FVD200024BOX	MLU UNIVERSAL SIDE CLAMP BOX 20pcs.
FVD200026	MLU BLACK UNIVERSAL SIDE CLAMP
FVD200026BOX	MLU BLACK UNIVERSAL SIDE CLAMP 20pcs.

Datasheet



SSC50

MADE IN ITALY

UNIVERSAL PRE-ASSEMBLED CENTRAL CLAMP IN STAINLESS STEEL



TECHNICAL SPECIFICATIONS

- CLAMP MATERIAL STAINLESS STEEL
- CLAMP LENGTH: 50 MM
- FOR PANELS HEIGHT: 29-40 MM
- SLIDER MATERIAL: STEEL WITH GEOMET TREATMENT
- M8 SCREW IN STAINLESS STEEL

PINCE CENTRALE DÉJÀ ASSEMBLÉE UNIVERSELLE EN ACIER INOXYDABLE



CARACTÉRISTIQUES TECHNIQUES

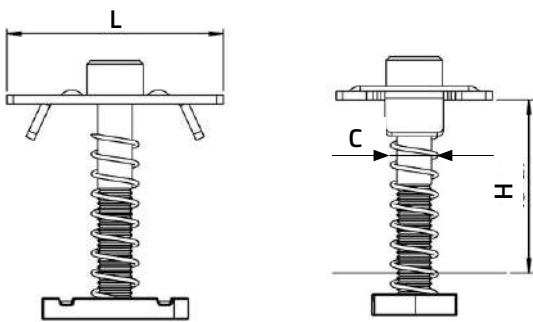
- MATÉRIAU DE LA PINCE ACIER INOXYDABLE
- LONGUEUR PINCE : 50 MM
- POUR LES PANNEAUX D'UNE HAUTEUR DE : 29-40 MM
- MATÉRIAU DU CURSEUR : ACIER TRAITÉ AVEC GEOMET
- VIS M8 EN ACIER INOXYDABLE

UNIVERSELLE VORMONTIERTE ZENTRAKLEMMME AUS EDELSTAHL



TECHNISCHE EIGENSCHAFTEN

- KLEMMENMATERIAL EDELSTAHL
- KLEMMENLÄNGE: 50 MM
- FÜR PLATTENHÖHE: 29-40 MM
- SCHIEBERMATERIAL: STAHL MIT GEOMET-BEHANDLUNG
- M8-SCHRAUBE AUS EDELSTAHL



L [mm]	H [mm]	C [mm]
50	29 + 40	14



CODE	DESCRIPTION
FVD200020	SSC50 UNIVERSAL PRE-ASSEMBLED CENTRAL CLAMP IN STEEL
FVD200020BOX	SSC50 UNIVERSAL PRE-ASSEMBLED CENTRAL CLAMP IN STEEL- BOX 50 PCS
FVD200031	SSC50 UNIVERSAL PRE-ASSEMBLED CENTRAL CLAMP IN STEEL
FVD200031BOX	SSC50 UNIVERSAL PRE-ASSEMBLED CENTRAL CLAMP IN STEEL- BOX 50 PCS

Datasheet



Datasheet



CODE	DESCRIPTION
FVD200029BOX	PLATE FOR UNIVERSAL CENTRAL CLAMP " SSC50" - BOX OF 100 PCS

SSL50

MADE IN ITALY

UNIVERSAL PRE-ASSEMBLED SIDE CLAMP IN STAINLESS STEEL



TECHNICAL SPECIFICATIONS

- CLAMP MATERIAL STAINLESS STEEL
- CLAMP LENGTH: 50 MM
- FOR PANELS HEIGHT : 26 - 40 MM
- SLIDER MATERIAL: STEEL WITH GEOMET TREATMENT
- M8 SCREW IN STAINLESS STEEL

PINCE LATÉRALE DÉJÀ ASSEMBLÉE UNIVERSELLE EN ACIER INOXYDABLE



CARACTÉRISTIQUES TECHNIQUES

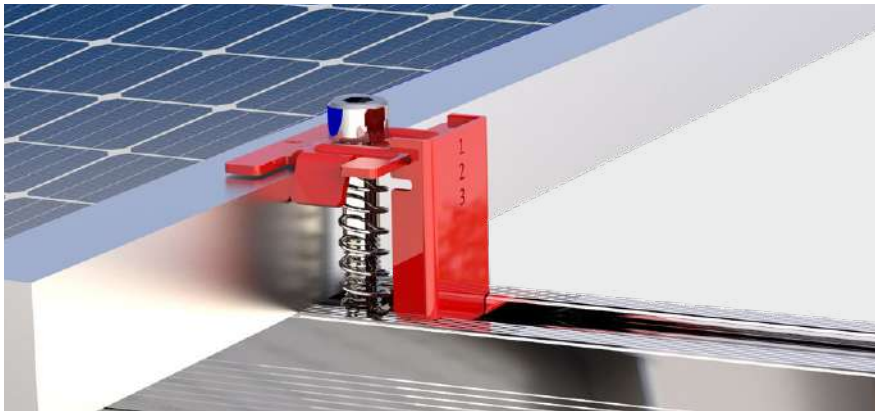
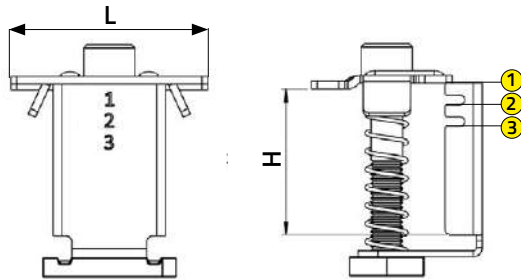
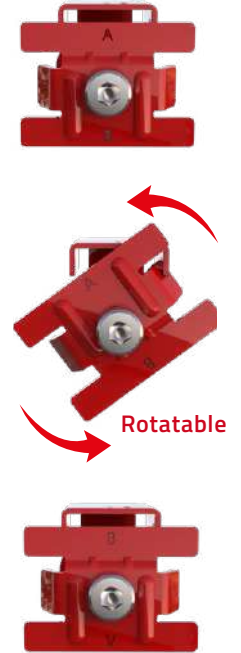
- MATÉRIAU DE LA PINCE ACIER INOXYDABLE
- LONGUEUR PINCE : 50 MM
- POUR LES PANNEAUX D'UNE HAUTEUR DE : 26 - 40 MM
- MATÉRIAU DU CURSEUR : ACIER TRAITÉ AVEC GEOMET
- VIS M8 EN ACIER INOXYDABLE

UNIVERSELLE VORMONTIERTE SEITENKLEMME AUS EDELSTAHL



TECHNISCHE EIGENSCHAFTEN

- KLEMMENMATERIAL EDELSTAHL
- KLEMMENLÄNGE: 50 MM
- FÜR PLATTENHÖHE: 26 - 40 MM
- SCHIEBERMATERIAL: STAHL MIT GEOMET-BEHANDLUNG
- M8-SCHRAUBE AUS EDELSTAHL



SIDE A panel height	SIDE B panel height
For panels from H mm: A1: 40/39/38 A2: 35/34/33 A3: 29	For panels from H mm: B1: 37/36/35 B2: 32/31/30 B3: 26

CODE	DESCRIPTION	L [mm]
FVD200022	SSL50 UNIVERSAL PRE-ASSEMBLED SIDE CLAMP IN STEEL	50
FVD200022BOX	SSL50 UNIVERSAL PRE-ASSEMBLED SIDE CLAMP IN STEEL BOX 20PZ.	50
FVD200032	SSL50 UNIVERSAL PRE-ASSEMBLED SIDE CLAMP IN STEEL	50
FVD200032BOX	SSL50 UNIVERSAL PRE-ASSEMBLED SIDE CLAMP IN STEEL - BOX 20 PCS	50

Datasheet



CODE	DESCRIPTION
FVD200030BOX	PLATE+SECTOR FOR UNIVERSAL SIDE CLAMP "SSL50" - BOX OF 50 PCS

Datasheet



HSCP/40

MADE IN ITALY

STANDARD PRE-ASSEMBLED CENTRAL CLAMP



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- WALL BRACKET LENGTH: 40MM
- A2 STAINLESS STEEL SCREWS AND SPRINGS
- M8 THREADED STEEL SLIDER WITH GEOMET TREATMENT FOR PROTECTION AGAINST CORROSION
- SUPPLIED PRE-ASSEMBLED
- AVAILABLE FOR PANEL HEIGHTS FROM 30 MM TO 50 MM
- SCREW TIGHTENING WITH HEX KEY 6
- ALSO AVAILABLE IN BLACK PAINTED VERSION

NON-SLIP KNURLING

PINCE CENTRALE DÉJÀ ASSEMBLÉE STANDARD



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- LONGUEUR SUPPORT AU MUR : 40 MM
- VIS ET RESSORTS EN ACIER INOXYDABLE A2
- CURSEUR EN ACIER FILETÉ M8 AVEC TRAITEMENT GEOMET POUR LA PROTECTION CONTRE LA CORROSION
- FOURNI PRÉ-ASSEMBLÉ
- DISPONIBLE POUR LES PANNEAUX DE 30 MM À 50 MM DE HAUTEUR
- SERRAGE VISSAGE AVEC CLÉ HEXAGONALE DE 6
- ÉGALEMENT DISPONIBLE EN VERSION PEINTE EN NOIR

STANDARD VORMONTIERTE ZENTRAKLEMME



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- LÄNGE DER WANDHALTERUNG: 40MM
- SCHRAUBEN UND FEDERN AUS EDELSTAHL A2
- STAHLSCHEIBER MIT M8-GEWINDE UND GEOMET-BEHANDLUNG ZUM SCHUTZ VOR KORROSION
- WIRD VORMONTIERT GELIEFERT
- ERHÄLTICH FÜR PANELHÖHEN VON 30 MM BIS 50 MM
- SCHRAUBENFESTZIEHEN MIT INBUSSCHLÜSSEL 6
- AUCH IN SCHWARZ LACKIERTER VERSION ERHÄLTICH

CODE	DESCRIPTION OF STEEL CLAMP	FOR PANELS H [mm]
11111061	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 1	30-32-34
11111061BOX	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 1 - BOX 50 pcs.	30-32-34
11111062	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 2	35-36-38
11111062BOX	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 2 - BOX 50 pcs.	35-36-38
11111063	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 3	40-42-44
11111063BOX	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 3 - BOX 50 pcs.	40-42-44
11111064	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 4	45-46
11111064BOX	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 4 - BOX 50 pcs.	45-46
11111065	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 5	48-50
11111065BOX	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 5 - BOX 50 pcs.	48-50
11111066*	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 6	56
11111066BOX*	HSCP/40 PRE-ASSEMBLED CENTRAL CLAMP - 6 - BOX 50 pcs.	56
CODE	DESCRIPTION OF BLACK STEEL CLAMP	FOR PANELS H [mm]
FVD200002*	HSCP/40 - PRE-ASSEMBLED CENTRAL CLAMP - 1 - BLACK	30-32-34
FVD200002BOX*	HSCP/40 - PRE-ASSEMBLED CENTRAL CLAMP - 1 - BLACK - BOX 50 pcs.	30-32-34
FVD200003*	HSCP/40 - PRE-ASSEMBLED CENTRAL CLAMP - 2 - BLACK	35-36-38
FVD200003BOX*	HSCP/40 - PRE-ASSEMBLED CENTRAL CLAMP - 2 - BLACK - BOX 50 pcs.	35-36-38
FVD200004*	HSCP/40 - PRE-ASSEMBLED CENTRAL CLAMP - 3 - BLACK	40-42-44
FVD200004BOX*	HSCP/40 - PRE-ASSEMBLED CENTRAL CLAMP - 3 - BLACK - BOX 50 pcs.	40-42-44



Datasheet



HSC/40

MADE IN ITALY

CENTRAL CLAMP



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- WALL BRACKET LENGTH: 40MM
- USABLE FOR ALL SIZES OF PHOTOVOLTAIC PANELS
- HOLE Ø 8.5 MM
- ALSO AVAILABLE IN BLACK PAINTED VERSION

PINCE CENTRALE



CARACTÉRISTIQUES TECHNIQUES

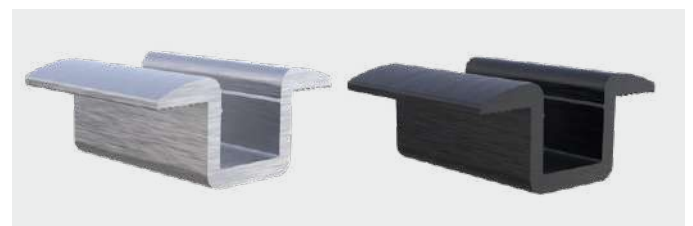
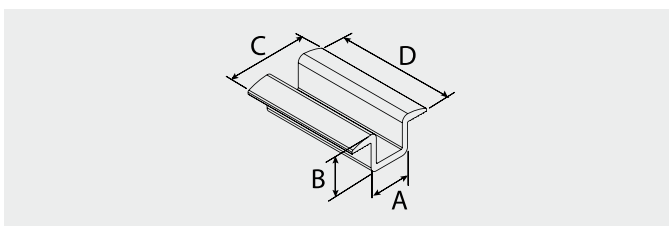
- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- LONGUEUR SUPPORT AU MUR : 40 MM
- PEUT ÊTRE UTILISÉ POUR TOUTES LES TAILLES DE PANNEAUX PHOTOVOLTAÏQUES
- TROU Ø 8,5 MM
- ÉGALEMENT DISPONIBLE EN VERSION PEINTE EN NOIR

ZENTRAKLEMME



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- LÄNGE DER WANDHALTERUNG: 40MM
- FÜR ALLE SOLARMODULE-GRÖSSEN VON PHOTOVOLTAÏK-PLATTEN VERWENDBAR
- BOHRUNG Ø 8,5 MM
- AUCH IN SCHWARZ LACKIERTER VERSION ERHÄLTICH



CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]	D [mm]	HOLE Ø [mm]
11111060	HSC/40 CENTRAL CLAMP	21	19.5	43	40	8.5
11111060BOX	HSCP/HSC/40 CENTRAL CLAMP - BOX 50 pcs.	21	19.5	43	40	8.5

Datasheet



STANDARD PRE-ASSEMBLED SIDE CLAMP



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- WALL BRACKET LENGTH: 40MM
- A2 STAINLESS STEEL SCREWS AND SPRINGS
- M8 THREADED STEEL SLIDER WITH GEOMET TREATMENT FOR PROTECTION AGAINST CORROSION
- SUPPLIED PRE-ASSEMBLED
- AVAILABLE FOR PANEL HEIGHTS FROM 30 MM TO 42 MM
- SCREW TIGHTENING WITH HEX KEY 6
- ALSO AVAILABLE IN BLACK PAINTED VERSION

PINCE LATÉRALE DÉJÀ ASSEMBLÉE STANDARD



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- LONGUEUR SUPPORT AU MUR : 40 MM
- VIS ET RESSORTS EN ACIER INOXYDABLE A2
- CURSEUR EN ACIER FILETÉ M8 AVEC TRAITEMENT GEOMET POUR LA PROTECTION CONTRE LA CORROSION
- FOURNI PRÉ-ASSEMBLÉ
- DISPONIBLE POUR LES PANNEAUX DE 30 MM À 42 MM DE HAUTEUR
- SERRAGE VISSAGE AVEC CLÉ HEXAGONALE DE 6
- ÉGALEMENT DISPONIBLE EN VERSION PEINTE EN NOIR

STANDARD VORMONTIERTE SEITENKLEMME



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- LÄNGE DER WANDHALTERUNG: 40MM
- SCHRAUBEN UND FEDERN AUS EDELSTAHL A2
- STAHLSCHEIBER MIT M8-GEWINDE UND GEOMET-BEHANDLUNG ZUM SCHUTZ VOR KORROSION
- WIRD VORMONTIERT GELIEFERT
- ERHÄLTICH FÜR PANELHÖHEN VON 30 MM BIS 42 MM
- SCHRAUBENFESTZIEHEN MIT INBUSSCHLÜSSEL 6
- AUCH IN SCHWARZ LACKIERTER VERSION ERHÄLTICH

NON-SLIP KNURLING

CODE	DESCRIPTION OF STEEL CLAMP	FOR PANELS H [mm]
11111071	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 30	30
11111071BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 30 - BOX 20 pcs.	30
11111073	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 32	32
11111073BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 32 - BOX 20 pcs.	32
11111075	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 34	34
11111075BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 34 - BOX 20 pcs.	34
11111077	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 35	35
11111077BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 35 - BOX 20 pcs.	35
11111079	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 36	36
11111079BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 36 - BOX 20 pcs.	36
11111081	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 38	38
11111081BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 38 - BOX 20 pcs.	38
11111083	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 40	40
11111083BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 40 - BOX 20 pcs.	40
11111085	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 42	42
11111085BOX	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 42 - BOX 20 pcs.	42
CODE	DESCRIPTION OF BLACK STEEL CLAMP	FOR PANELS H [mm]
FVD200012*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 30 - BLACK	30
FVD200012BOX*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 30 BLACK - BOX 20 pcs.	30
FVD200013*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 32 - BLACK	32
FVD200013BOX*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 32 BLACK - BOX 20 pcs.	32
FVD200014*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 34 - BLACK	34
FVD200014BOX*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 34 BLACK - BOX 20 pcs.	34
FVD200015*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 35 - BLACK	35
FVD200015BOX*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 35 BLACK - BOX 20 pcs.	35
FVD200016*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 36 - BLACK	36
FVD200016BOX*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 36 BLACK - BOX 20 pcs.	36
FVD200017*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 38 - BLACK	38
FVD200017BOX*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 38 BLACK - BOX 20 pcs.	38
FVD200018*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 40 - BLACK	40
FVD200018BOX*	HSLP/40 PRE-ASSEMBLED SIDE CLAMP - 40 BLACK - BOX 20 pcs.	40



Datasheet



* AVAILABLE ON REQUEST

SIDE CLAMP



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- WALL BRACKET LENGTH: 40MM
- AVAILABLE FOR PANELS FROM 30 MM TO 42 MM
- HOLE Ø 8.5 MM
- ALSO AVAILABLE IN BLACK PAINTED VERSION

PINCE LATÉRALE



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- LONGUEUR SUPPORT AU MUR : 40 MM
- DISPONIBLE POUR PANNEAUX DE 30 MM À 42 MM
- TROU Ø 8,5 MM
- ÉGALEMENT DISPONIBLE EN VERSION PEINTE EN NOIR

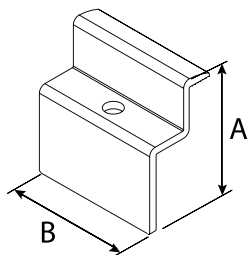
SEITENKLEMME



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- LÄNGE DER WANDHALTERUNG: 40 MM
- VERFÜGBAR FÜR PLATTEN VON 30 MM BIS 42 MM
- BOHRUNG Ø 8,5 MM
- AUCH IN SCHWARZ LACKIERTER VERSION ERHÄLTlich

NON-SLIP KNURLING



Datasheet



CODE	DESCRIPTION OF STEEL CLAMP	A [mm]	B [mm]	HOLE Ø [mm]	FOR PANELS H [mm]
11111070	HSL/40 SIDE CLAMP - 30	34	40	8.5	30
11111070BOX	HSL/40 SIDE CLAMP - 30 - BOX 20 pcs.	34	40	8.5	30
11111072	HSL/40 SIDE CLAMP - 32	36	40	8.5	32
11111072BOX	HSL/40 SIDE CLAMP - 32 - BOX 20 pcs.	36	40	8.5	32
11111074	HSL/40 SIDE CLAMP - 34	38	40	8.5	34
11111074BOX	HSL/40 SIDE CLAMP - 34 - BOX 20 pcs.	38	40	8.5	34
11111076	HSL/40 SIDE CLAMP - 35	39	40	8.5	35
11111076BOX	HSL/40 SIDE CLAMP - 35 - BOX 20 pcs.	39	40	8.5	35
11111078	HSL/40 SIDE CLAMP - 36	40	40	8.5	36
11111078BOX	HSL/40 SIDE CLAMP - 36 - BOX 20 pcs.	40	40	8.5	36
11111080	HSL/40 SIDE CLAMP - 38	42	40	8.5	38
11111080BOX	HSL/40 SIDE CLAMP - 38 - BOX 20 pcs.	42	40	8.5	38
11111082	HSL/40 SIDE CLAMP - 40	44	40	8.5	40
11111082BOX	HSL/40 SIDE CLAMP - 40 - BOX 20 pcs.	44	40	8.5	40
11111084	HSL/40 SIDE CLAMP - 42	46	40	8.5	42
11111084BOX	HSL/40 SIDE CLAMP - 42 - BOX 20 pcs.	46	40	8.5	42
CODE	DESCRIPTION OF BLACK STEEL CLAMP	A [mm]	B [mm]	HOLE Ø [mm]	FOR PANELS H [mm]
FVD200005*	HSL/40 SIDE CLAMP - 30 - BLACK	34	40	8.5	30
FVD200005BOX*	HSL/40 SIDE CLAMP - 30 - BLACK - BOX 20 pcs.	34	40	8.5	30
FVD200006*	HSL/40 SIDE CLAMP - 32 - BLACK	36	40	8.5	32
FVD200006BOX*	HSL/40 SIDE CLAMP - 32 - BLACK - BOX 20 pcs.	36	40	8.5	32
FVD200007*	HSL/40 SIDE CLAMP - 34 - BLACK	38	40	8.5	34
FVD200007BOX*	HSL/40 SIDE CLAMP - 34 - BLACK - BOX 20 pcs.	38	40	8.5	34
FVD200008*	HSL/40 SIDE CLAMP - 35 - BLACK	39	40	8.5	35
FVD200008BOX*	HSL/40 SIDE CLAMP - 35 - BLACK - BOX 20 pcs.	39	40	8.5	35
FVD200009*	HSL/40 SIDE CLAMP - 36 - BLACK	40	40	8.5	36
FVD200009BOX*	HSL/40 SIDE CLAMP - 36 - BLACK - BOX 20 pcs.	40	40	8.5	36
FVD200010*	HSL/40 SIDE CLAMP - 38 - BLACK	42	40	8.5	38
FVD200010BOX*	HSL/40 SIDE CLAMP - 38 - BLACK - BOX 20 pcs.	42	40	8.5	38
FVD200011*	HSL/40 SIDE CLAMP - 40 - BLACK	44	40	8.5	40
FVD200011BOX*	HSL/40 SIDE CLAMP - 40 - BLACK - BOX 20 pcs.	44	40	8.5	40

* AVAILABLE ON REQUEST

HSLPST

MADE IN ITALY

PRE-ASSEMBLED SIDE CLAMP FOR SOLAR THERMAL PANEL



TECHNICAL SPECIFICATIONS

- M8 THREADED ACETAL COPOLYMER SLIDER WITH STEEL PLATE GEOMET TREATMENT
- AISI A2 STAINLESS STEEL SCREW AND SPRING

PINCE LATÉRALE DÉJÀ ASSEMBLÉE POUR PANNEAU SOLAIRE THERMIQUE



CARACTÉRISTIQUES TECHNIQUES

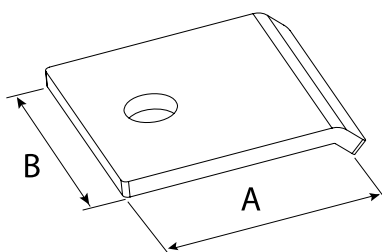
- CURSEUR EN COPOLYMÈRE ACÉTIQUE AVEC PLAQUE EN ACIER TRAITEMENT GEOMET FILETAGE M8
- VIS ET RESSORT EN ACIER INOXYDABLE AISI A2

VORMONTIERTE SEITENKLEMME FÜR SOLAR-THERMISCHES PANEL



TECHNISCHE EIGENSCHAFTEN

- M8-GEWINDE-ACETAL-COPOLYMER-SCHIEBER MIT STAHLPLATTEN-GEOMET-BEHANDLUNG
- SCHRAUBE UND FEDER AUS EDELSTAHL AISI A2



Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]
11110736	PRE-ASSEMBLED SIDE CLAMP	43	40
11110736BOX	PRE-ASSEMBLED SIDE CLAMP - BOX 30 pcs.	43	40

HSLPST

MADE IN ITALY

PRE-ASSEMBLED CENTRAL CLAMP FOR SOLAR THERMAL PANEL



TECHNICAL SPECIFICATIONS

- M8 THREADED ACETAL COPOLYMER SLIDER WITH STEEL PLATE GEOMET TREATMENT
- AISI A2 STAINLESS STEEL SCREW AND SPRING

PINCE CENTRALE DÉJÀ ASSEMBLÉE POUR PANNEAU SOLAIRE THERMIQUE



CARACTÉRISTIQUES TECHNIQUES

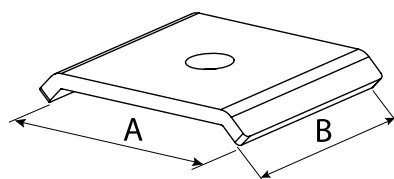
- CURSEUR EN COPOLYMÈRE ACÉTIQUE AVEC PLAQUE EN ACIER TRAITEMENT GEOMET FILETAGE M8
- VIS ET RESSORT EN ACIER INOXYDABLE AISI A2

VORMONTIERTE ZENTRALEKLEMME FÜR SOLAR-THERMISCHES PANEL



TECHNISCHE EIGENSCHAFTEN

- M8-GEWINDE-ACETAL-COPOLYMER-SCHIEBER MIT STAHLPLATTEN-GEOMET-BEHANDLUNG
- SCHRAUBE UND FEDER AUS EDELSTAHL AISI A2



Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]
11110735	PRE-ASSEMBLED CENTRAL CLAMP	50	40
11110735BOX	PRE-ASSEMBLED SIDE CLAMP - BOX 30 pcs.	50	40

MPST-L

MADE IN ITALY

PRE-ASSEMBLED SIDE CLAMP FOR SOLAR THERMAL PANEL



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 3 MM
- SLIDER MATERIAL: STEEL WITH GEOMET TREATMENT
- M8 SCREW IN STAINLESS STEEL

PINCE LATÉRALE DÉJÀ ASSEMBLÉE POUR PANNEAU SOLAIRE THERMIQUE



CARACTÉRISTIQUES TECHNIQUES

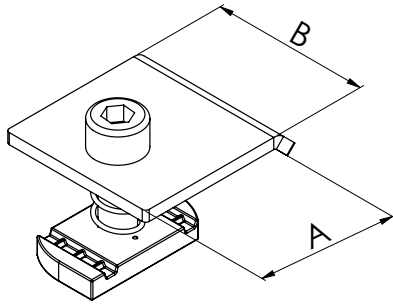
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 3 MM
- MATÉRIAU DU CURSEUR : ACIER TRAITÉ AVEC GEOMET
- VIS M8 EN ACIER INOXYDABLE

VORMONTIERTE SEITENKLEMMME FÜR SOLAR-THERMISCHES PANEL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- DICKE: 3 MM
- SCHIEBERMATERIAL: STAHL MIT GEOMET-BEHANDLUNG
- M8-SCHRAUBE AUS EDELSTAHL



CODE	DESCRIPTION	A [mm]	B [mm]
FVD200035	PRE-ASSEMBLED SIDE CLAMP FOR SOLAR THERMAL PANEL	43	40
FVD200035BOX	PRE-ASSEMBLED SIDE CLAMP FOR SOLAR THERMAL PANEL - BOX 30 PCS	43	40

Datasheet



MPST-C

MADE IN ITALY

PRE-ASSEMBLED CENTRAL CLAMP FOR SOLAR THERMAL PANEL



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 3 MM
- SLIDER MATERIAL: STEEL WITH GEOMET TREATMENT
- M8 SCREW IN STAINLESS STEEL

PINCE CENTRALE DÉJÀ ASSEMBLÉE POUR PANNEAU SOLAIRE THERMIQUE



CARACTÉRISTIQUES TECHNIQUES

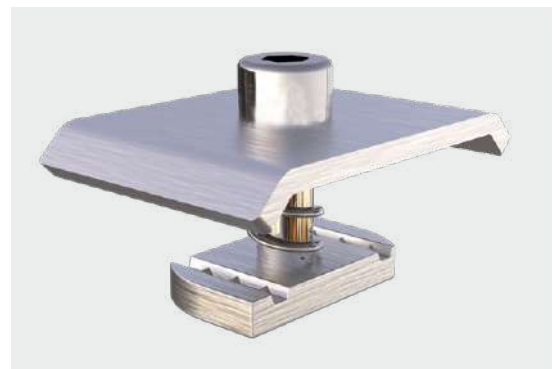
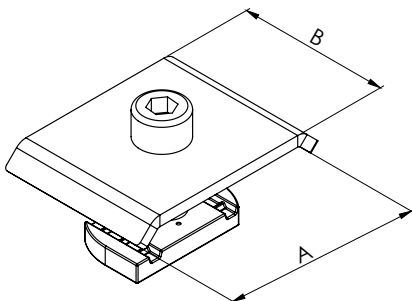
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 3 MM
- MATÉRIAU DU CURSEUR : ACIER TRAITÉ AVEC GEOMET
- VIS M8 EN ACIER INOXYDABLE

VORMONTIERTE ZENTRALKLEMMME FÜR SOLAR-THERMISCHES PANEL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- DICKE: 3 MM
- SCHIEBERMATERIAL: STAHL MIT GEOMET-BEHANDLUNG
- M8-SCHRAUBE AUS EDELSTAHL



CODE	DESCRIPTION	A [mm]	B [mm]
FVD200036	PRE-ASSEMBLED CENTRAL CLAMP FOR SOLAR THERMAL PANEL	50	40
FVD200036BOX	PRE-ASSEMBLED CENTRAL CLAMP FOR SOLAR THERMAL PANEL - BOX 30 PCS	50	40

Datasheet



HCDB

MADE IN ITALY

LOCKING SLIDER WITH ACETYL OVERMOULDED STEEL PLATE



TECHNICAL SPECIFICATIONS

- M8 THREADED ACETAL COPOLYMER SLIDER WITH STEEL PLATE GEOMET TREATMENT FOR PROTECTION AGAINST CORROSION
- UNIVERSAL FOR PROFILES "FVP"
- HOLES Ø M8

CURSEUR DE VERROUILLAGE AVEC PLAQUE EN ACÉTAL SURMOULÉE D'ACIER



CARACTÉRISTIQUES TECHNIQUES

- CURSEUR EN COPOLYMÈRE ACÉTIQUE AVEC PLAQUE EN ACIER TRAITEMENT GEOMET FILETAGE M8
- UNIVERSELLE POUR PROFILÉS FVP
- TROUS Ø M8

VERRIEGELUNGSSCHIEBER MIT ACETYL-UMFORMTER STAHLPLATTE



TECHNISCHE EIGENSCHAFTEN

- ACETAL - COPOLYMER - SCHIEBER MIT M8 - GEWINDE UND GEOMET-STAHLPLATTENBEHANDLUNG ZUM KORROSIONSSCHUTZ
- UNIVERSAL FÜR PROFILE „FVP“
- BOHRUNGEN Ø M8

COPOLYMER SLIDER WITH INTERNAL STEEL PLATE

Datasheet



PATENTED PRODUCT

CODE	DESCRIPTION
11110841	HCDB LOCKING SLIDER
11110841BOX	HCDB LOCKING SLIDER - BOX 100 pcs.

SCREW FOR FIXING BRACKETS "HSC-HSL 40/60" COMPATIBLE FOR SLIDER "HCDB" - "HPCB"



TECHNICAL SPECIFICATIONS

- MATERIAL: M8 STAINLESS STEEL
- SCREW TIGHTENING WITH HEX KEY 6
- SLIDER NOT SUPPLIED

VIS DE FIXATION DES PATTES "HSC-HSL 40/60" COMPATIBLE AVEC CURSEUR "HCDB" - "HPCB"



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX M8
- SERRAGE VISSAGE AVEC CLÉ HEXAGONALE DE 6
- CURSEUR NON FOURNI

SCHRAUBE ZUR BEFESTIGUNG DER HALTERUNGEN "HSC-HSL 40/60" KOMPATIBEL MIT SCHIEBER "HCDB" - "HPCB"



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: M8 EDELSTAHL
- SCHRAUBENFESTZIEHEN MIT INBUSSCHLÜSSEL 6
- SCHIEBER NICHT IM LIEFERUMFANG ENTHALTEN

CODE	DESCRIPTION	"HSC" BRACKET	"HSL" BRACKET
11110872	SHC SCREW M8 x 30	-	PANELS 30-32-34
11110872BOX	SHC SCREW M8 X 30 - BOX 100 pcs.	-	PANELS 30-32-34
11110873	SHC SCREW M8 x 35	PANELS 30-32-34	PANELS 35-36-38
11110873BOX	SHC SCREW M8 X 35 - BOX 100 pcs.	PANELS 30-32-34	PANELS 35-36-38
11110874	SHC SCREW M8 x 40	PANELS 35-36-38	PANELS 40-42-44
11110874BOX	SHC SCREW M8 X 40 - BOX 100 pcs.	PANELS 35-36-38	PANELS 40-42-44
11110875	SHC SCREW M8 x 45	PANELS 40-42-44	PANELS 45-46-48
11110875BOX	SHC SCREW M8 X 45 - BOX 100 pcs.	PANELS 40-42-44	PANELS 45-46-48
11110876	SHC SCREW M8 x 50	PANELS 45-46	PANEL 50
11110876BOX	SHC SCREW M8 X 50 - BOX 100 pcs.	PANELS 45-46	PANEL 50
11110877	SHC SCREW M8 x 55	PANELS 48-50	PANEL 56
11110877BOX	SHC SCREW M8 X 55 - BOX 100 pcs.	PANELS 48-50	PANEL 56
11110878	SHC SCREW M8 x 60	PANEL 56	-
11110878BOX	SHC SCREW M8 X 60 - BOX 100 pcs.	PANEL 56	-
CODE	DESCRIPTION	CLAMPS	CLAMPS
11110870	SHC SCREW M8 x 20	HMC - HML	-
11110870BOX	SHC SCREW M8 X 20 - BOX 100 pcs.	HMC - HML	-



Screw for HCDB slider



Screw for HCDB slider

Datasheet



HPCB

MADE IN ITALY

STEEL LOCKING SLIDER



TECHNICAL SPECIFICATIONS

- UNIVERSAL FOR PROFILES "FVP"
- HOLES Ø M8
- MADE OF M8 THREADED STEEL WITH GEOMET TREATMENT FOR CORROSION PROTECTION
- DIMENSIONS: 34 X 19 X 5 MM

CURSEUR DE BLOCAGE EN ACIER



CARACTÉRISTIQUES TECHNIQUES

- UNIVERSELLE POUR PROFILÉS FVP
- TROUS Ø M8
- FABRIQUÉ EN ACIER FILETÉ M8 AVEC TRAITEMENT GÉOM. POUR LA PROTECTION CONTRE LA CORROSION
- DIMENSIONS : 34 X 19 X 5 MM

VERRIEGELUNGSSCHIEBER AUS STAHL



TECHNISCHE EIGENSCHAFTEN

- UNIVERSAL FÜR PROFILE „FVP“
- BOHRUNGEN Ø M8
- HERGESTELLT AUS M8-GEWINDESTAHL MIT GEOMET-BEHANDLUNG ZUM KORROSIONSSCHUTZ
- ABMESSUNGEN: 34 X 19 X 5 MM

PATENTED PRODUCT

CODE	DESCRIPTION
11110846	HPCB STEEL LOCKING SLIDER HPCB
11110846BOX	HPCB STEEL LOCKING SLIDER - BOX 100 pcs.

Datasheet



FIXING SPRING



RESSORT DE FIXATION



BEFESTIGUNGSFEDER



CODE	DESCRIPTION
11110890	FIXING SPRING FOR CENTRAL/SIDE BRACKETS FROM 30 TO 38
11110890BOX	FIXING SPRING FOR CENTRAL/SIDE BRACKETS FROM 30 TO 38 - BOX 100 pcs.
11110891	FIXING SPRING FOR CENTRAL/SIDE BRACKETS FROM 40 TO 56
11110891BOX	FIXING SPRING FOR CENTRAL/SIDE BRACKETS FROM 40 TO 56 - BOX 100 pcs.

Datasheet



HPSVP1

MADE IN ITALY

SUPPORT PLATE WITH DOUBLE THREAD SCREW



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL

PLAQUE DE SUPPORT AVEC VIS À DOUBLE FILETAGE



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304

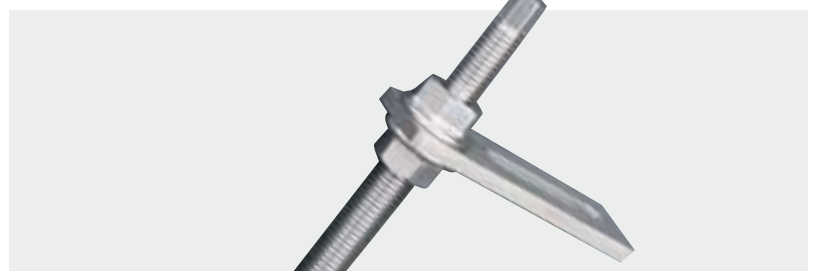
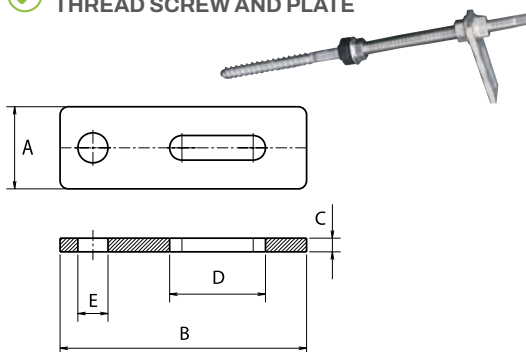
TRAGPLATTE MIT DOPPELGEWINDESCHRAUBE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304

✓ SUPPLIED WITH DOUBLE THREAD SCREW AND PLATE




CODE	A [mm]	B [mm]	C [mm]	D [mm]	ØE [mm]
11110746	30	90	5	49	10
11110747	30	90	5	49	12

CODE	DESCRIPTION
11110746	PLATE WITH SCREW Ø 10 X 250
11110746BOX	PLATE WITH SCREW Ø 10 X 250 - BOX 10pcs.
11110747	PLATE WITH SCREW Ø 12 X 300
11110747BOX	PLATE WITH SCREW Ø 12 X 300 - BOX 10pcs.
FVD600004	PLATE WITH SCREW Ø 12 X 350
FVD600004BOX	PLATE WITH SCREW Ø 12 X 350 - BOX 10 PCS
FVD600005	PLATE WITH SCREW Ø 12 X 400
FVD600005BOX	PLATE WITH SCREW Ø 12 X 400 - BOX 10 PCS

Datasheet



DOUBLE THREAD SCREW WITH GASKET AND NUTS FOR STRUCTURES IN WOOD / CONCRETE 


TECHNICAL SPECIFICATIONS

- A2 STAINLESS STEEL SCREW
- AVAILABLE IN LENGTHS OF 200 MM, 250 MM AND 300 MM

VIS À DOUBLE FILETAGE AVEC JOINTS ET ÉCROUS POUR LES STRUCTURES EN BOIS/BÉTON 

CARACTÉRISTIQUES TECHNIQUES

- VIS EN ACIER INOXYDABLE A2
- DISPONIBLE EN LONGUEURS DE 200 MM, 250 MM ET 300 MM

DOPPELGEWIN-DESCHRAUBE MIT DICHTUNG UND MUTTERN FÜR KONSTRUKTIONEN AUS HOLZ / BETON 

TECHNISCHE EIGENSCHAFTEN

- SCHRAUBE AUS EDELSTAHL A2
- ERHÄLTICH IN DEN LÄNGEN 200 MM, 250 MM UND 300 MM



Datasheet



CODE	DESCRIPTION
11110867	SCREW M10 x 200
11110867BOX	SCREW M10 X 200 - BOX 30pcs.
11110868	SCREW M10 x 250
11110868BOX	SCREW M10 X 250 - BOX 30pcs.
11110869	SCREW M12 x 300
11110869BOX	SCREW M12 X 300 - BOX 30pcs.
FVD600002	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M12 X 350
FVD600002BOX	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M12 X 350 - BOX 30 PCS
FVD600003	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M12 X 400
FVD600003BOX	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M12 X 400 - BOX 30 PCS

DOUBLE THREAD SCREW WITH GASKET AND NUTS FOR STEEL SUBSTRUCTURES



TECHNICAL SPECIFICATIONS

- A2 STAINLESS STEEL SCREW
- GASKET IN EPDM
- SET OF HEX NUTS TO MOUNT THE PLATES

VIS À DOUBLE FILETAGE AVEC JOINTS ET ÉCROUS POUR LES SOUS-STRUCTURES EN ACIER



CARACTÉRISTIQUES TECHNIQUES

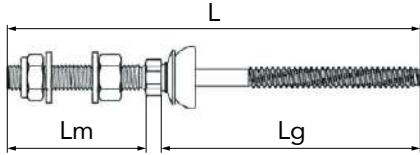
- VIS EN ACIER INOXYDABLE A2
- JOINT EN EPDM
- JEU D'ÉCROUS HEXAGONAUX POUR LE MONTAGE DES PLAQUES

DOPPELGEWINDESCHRAUBE MIT DICHTUNG UND MUTTERN FÜR STAHLUNTERKONSTRUKTIONEN



TECHNISCHE EIGENSCHAFTEN

- SCHRAUBE AUS EDELSTAHL A2
- DICHTUNG AUS EPDM
- SATZ SECHSKANTMUTTERN ZUR MONTAGE DER MODULE



Datasheet



CODE	L [mm]	LM [mm]	Lg [mm]	METRIC THREAD	PRE-DRILLED HOLE [mm]
FVC600003	181	50	125	M10	6.8
FVC600004	206	50	150	M10	6.8
FVC600005	216	50	160	M10	6.8
FVC600006	256	50	200	M10	6.8

CODE	DESCRIPTION
FVC600003	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M10 X 181
FVC600003BOX	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURE M10 X 181 (pack 30pcs)
FVC600004	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M10 X 206
FVC600004BOX	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURE M10 X 206 (pack 30pcs)
FVC600005	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M10 X 216
FVC600005BOX	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURE M10 X 216 (pack 30pcs)
FVC600006	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURES M10 X 256
FVC600006BOX	DOUBLE THREAD SCREW WITH GASKET FOR STEEL SUBSTRUCTURE M10 X 256 (pack 30pcs)

HPSV

MADE IN ITALY

SUPPORT PLATE FOR DOUBLE THREAD SCREW



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- MATERIAL: GALVANISED STEEL

LAQUE DE SUPPORT POUR VIS À DOUBLE FILETAGE



CARACTÉRISTIQUES TECHNIQUES

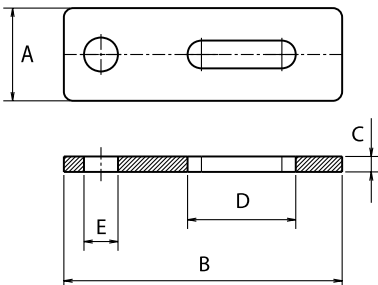
- MATÉRIAU : ACIER INOX AISI 304
- MATÉRIAU : ACIER GALVANISÉ

STÜTZESPLATTE FÜR DOPPELGEWINDESCHRAUBE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- MATERIAL: GALVANISierter STAHL



Datasheet



CODES	A [mm]	B [mm]	C [mm]	D [mm]	Ø E [mm]
11110723 / 11110723Z	30	90	5	49	10
11110724 / 11110724Z	30	90	5	49	12

STAINLESS STEEL CODE	DESCRIPTION	GALVANIZED CODE	DESCRIPTION
11110723	PLATE FOR SCREW Ø 10	11110723Z	PLATE FOR SCREW Ø 10
11110723BOX	PLATE FOR SCREW Ø 10 - BOX 10pcs.	11110723ZBOX	PLATE FOR SCREW Ø 10 - BOX 10pcs.
11110724	PLATE FOR SCREW Ø 12	11110724Z	PLATE FOR SCREW Ø 12
11110724BOX	PLATE FOR SCREW Ø 12 - BOX 10pcs.	11110724ZBOX	PLATE FOR SCREW Ø 12 - BOX 10pcs.

L" SUPPORT PLATE FOR DOUBLE THREADED SCREW



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5 MM

"L" PLAQUE DE SUPPORT POUR VIS À DOUBLE FILETAGE



CARACTÉRISTIQUES TECHNIQUES

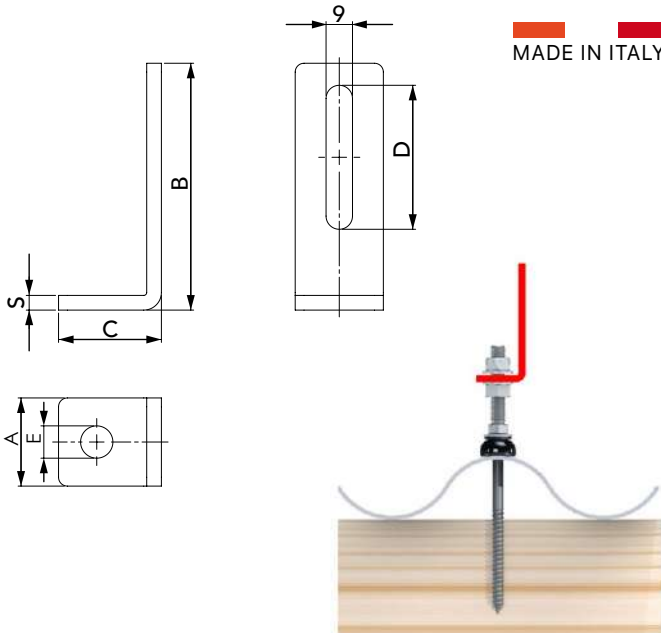
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM

"L" TRAGPLATTE FÜR DOPPELGEWINDE-SCHRAUBE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- DICKE: 5 MM



MADE IN ITALY



APPLICATION EXAMPLE

Datasheet



CODE	A [mm]	B [mm]	C [mm]	D [mm]	Ø E [mm]	S [mm]
FVD200038	30	84	35	49	11	5
FVD200039	30	84	35	49	13	5

CODE	DESCRIPTION
FVD200038	"L" SUPPORT PLATE FOR M10 DOUBLE THREADED SCREW
FVD200038BOX	"L" SUPPORT PLATE FOR M10 DOUBLE THREADED SCREW - BOX OF 10 PCS
FVD200039	"L" SUPPORT PLATE FOR M12 DOUBLE THREADED SCREW
FVD200039BOX	"L" SUPPORT PLATE FOR M12 DOUBLE THREADED SCREW - BOX OF 10 PCS

GASKET IN EPDM



TECHNICAL SPECIFICATIONS

- SHOCK-RESISTANT
- HIGH HEAT RESISTANCE (+100°C)
- RESISTANT TO LOW TEMPERATURES (-25°C)

JOINT EN EPDM



CARACTÉRISTIQUES TECHNIQUES

- RÉSISTANT AUX CHOCS
- HAUTE RÉSISTANCE À LA CHALEUR (+100 °C)
- RÉSISTANT AUX BASSES TEMPÉRATURES (-25°C)

DICHTUNG AUS EPDM



TECHNISCHE EIGENSCHAFTEN

- STOSSFEST
- HOHE HITZEBESTÄNDIGKEIT (+100°C)
- BESTÄNDIG GEGEN NIEDRIGE TEMPERATUREN (-25°C)

Datasheet



CODE	DESCRIPTION
11110896	GASKET M10-M12

BALCONY SUPPORTS



ROUND AND SQUARE BALCONY PHOTOVOLTAIC KIT

TECHNICAL SPECIFICATIONS

- MATERIAL: STAINLESS STEEL AND ALUMINIUM ALLOY 6060
- STAINLESS STEEL HARDWARE A2
- IDEAL FOR MOUNTING ON RAILINGS WITH ROUND (KFB-R) OR SQUARE (KFB-Q) HANDRAILS
- CAN BE ADAPTED TO NUMEROUS BRANDS AND MODELS OF PHOTOVOLTAIC PANELS ON THE MARKET
- ADJUSTABLE TILT 5° ÷ 30°

KIT PHOTOVOLTAÏQUE DE BALCON ROND ET CARRÉ

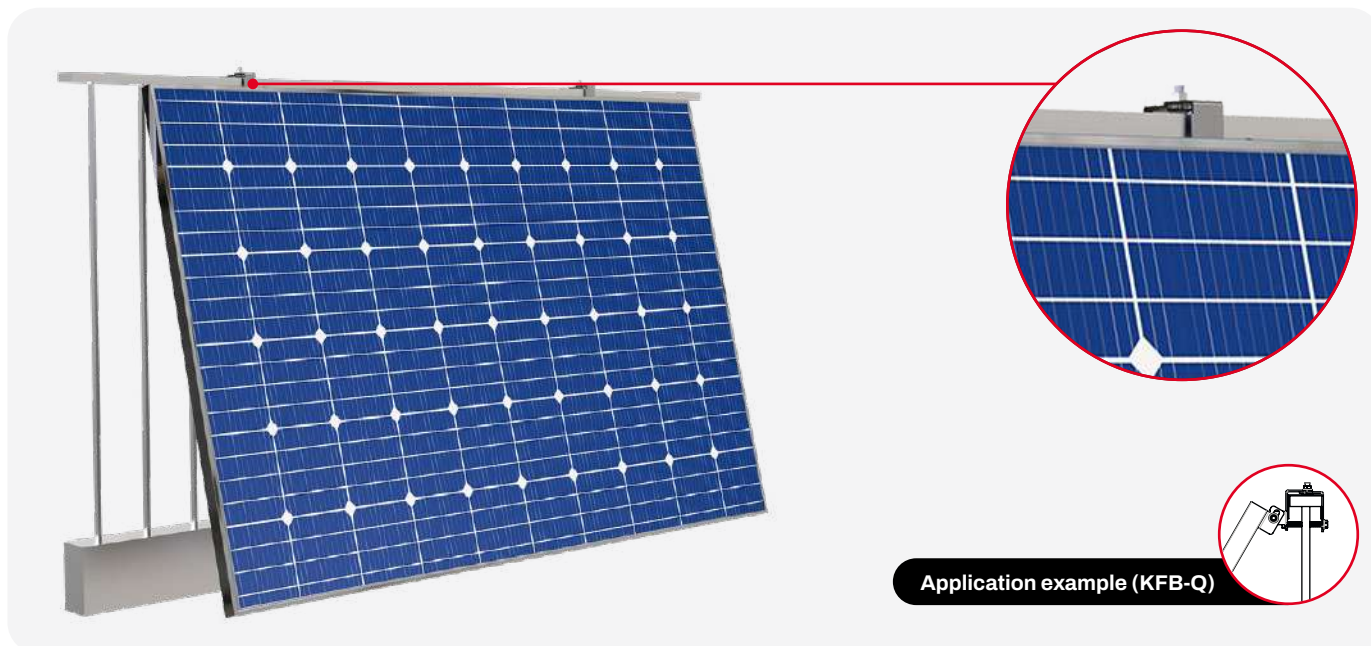
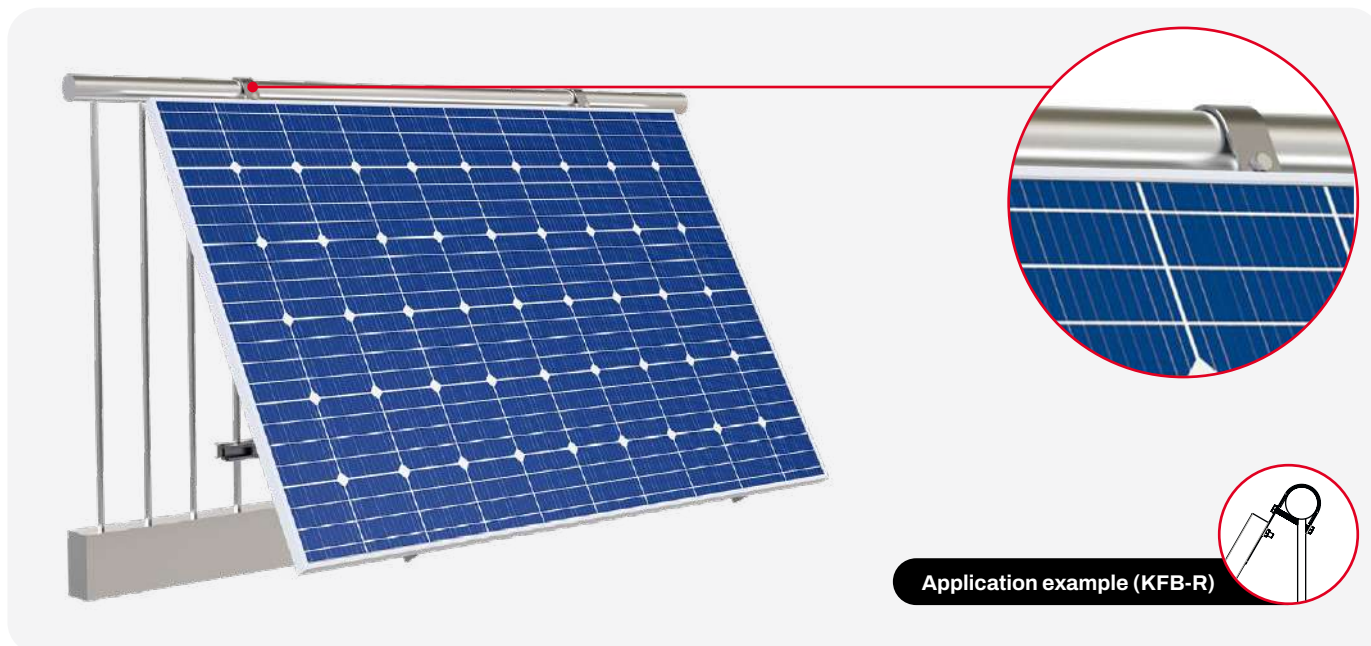
CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOXYDABLE ET ALLIAGE D'ALUMINIUM 6060
- VISSERIE EN ACIER INOXYDABLE A2
- IDÉAL POUR LE MONTAGE SUR DES RAMPES AVEC MAIN COURANTE RONDE (KFB-R) OU CARRÉE (KFB-Q)
- ADAPTABLE À DE NOMBREUSES MARQUES ET DE NOMBREUX MODÈLES DE PANNEAUX PHOTOVOLTAÏQUES PRÉSENTS SUR LE MARCHÉ
- INCLINAISON RÉGLABLE 5° ÷ 30°

RUNDES UND QUADRATISCHES BALKON-PHOTOVOLTAIK-KIT

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL UND ALUMINIUMLEGIERUNG 6060
- SCHRAUBEN AUS EDELSTAHL A2
- IDEAL FÜR DIE MONTAGE AN GELÄNDERN MIT RUNDEM (KFB-R) ODER QUADRATISCHEM (KFB-Q) HANDLAUF
- ANPASSBAR AN ZAHLREICHE MARKEN UND MODELLE VON PV-MODULEN AUF DEM MARKT
- EINSTELLBARE NEIGUNG VON 5° ÷ 30°

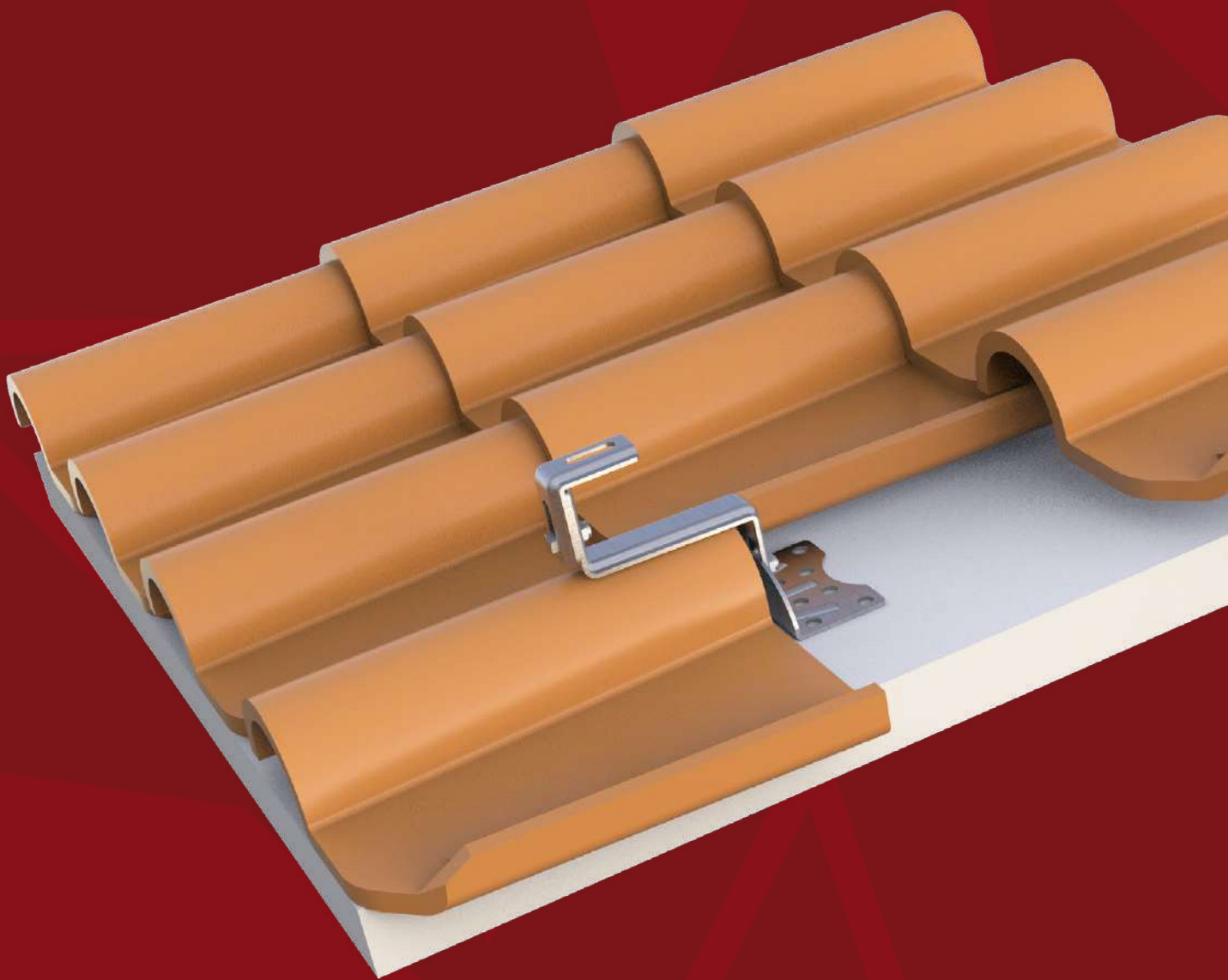


NEW

[Datasheet](#)

CODE	DESCRIPTION
FVD500017	ROUND BALCONY PHOTOVOLTAIC KIT (KFB-R)
FVD500018	SQUARE BALCONY PHOTOVOLTAIC KIT (KFB-Q)

FIXES/ ADJUSTABLE SUPPORTS FOR ROOFS WITH PANTILES



HS2DRT

MADE IN ITALY

**DOUBLE-ADJUSTMENT
LOW SUPPORT FOR ROOFS
WITH PANTILES**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- NO. 8 Ø11 HOLES PREPARED FOR BRACKET FIXING
- HOOK DIMENSIONS 40 MM X TH. 3MM

**INFÉRIEUR DOUBLE
RÉGLABLE
POUR TOITS EN TUILES**



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- 8 TROUS Ø 11 PRÉPARÉS POUR LA FIXATION SUPPORT
- TAILLE CROCHET 40 MM X ÉP. 3 MM

**DOPPELT EINSTELLBARE
NIEDRIGE STÜTZE FÜR
DÄCHER MIT PFANNEN-
ZIEGELN**

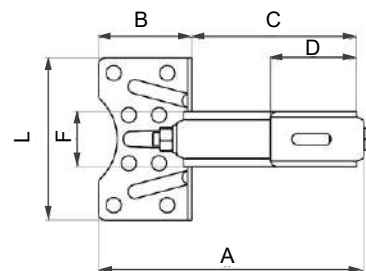
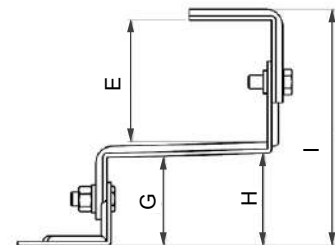
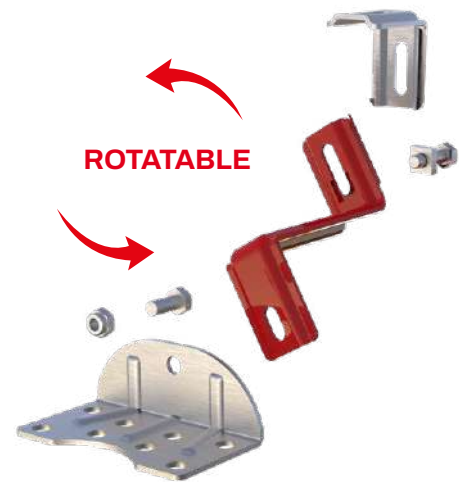


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- NR. 8 BOHRUNGEN Ø11, VORBEREITET FÜR DIE BEFESTIGUNG DER HALTERUNG
- HAKENABMESSUNGEN 40 MM X ST. 3MM



DOUBLE ADJUSTMENT



VERSION	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	L [mm]
SHORT	190	70	120	60	60÷89	40	53÷64	56÷67	136÷172	120
LONG	190	70	120	60	60÷75	40	67÷78	70÷81	146÷172	120

NB.: TO FIX "FVP" PROFILES ON THE ROOF SUPPORTS, USE FASTENERS 11110883 (PAG.98) OR 11110893 (PAG.99)

CODE	DESCRIPTION
1111102	HS2DRT DOUBLE-ADJUSTMENT SUPPORT
1111102BOX	HS2DRT DOUBLE-ADJUSTMENT SUPPORT - BOX 10 pcs.

Datasheet



HS2HDRT

MADE IN ITALY

HIGH DOUBLE-ADJUSTMENT SUPPORT FOR ROOFS WITH PANTILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- NO. 8 Ø11 HOLES PREPARED FOR BRACKET FIXING
- HOOK DIMENSIONS 40 MM X TH. 3MM

SUPPORT SUPÉRIEUR À DOUBLE RÉGLAGE POUR LES TOITS EN TILES



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- 8 TROUS Ø 11 PRÉPARÉS POUR LA FIXATION SUPPORT
- TAILLE CROCHET 40 MM X ÉP. 3 MM

HOHE, DOPPELT VERSTELLBARE STÜTZE FÜR DÄCHER MIT PFANNENZIEGELN

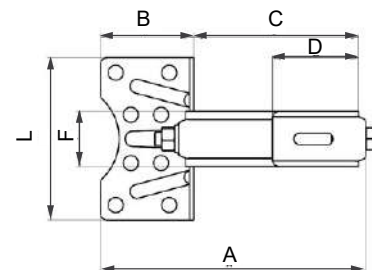
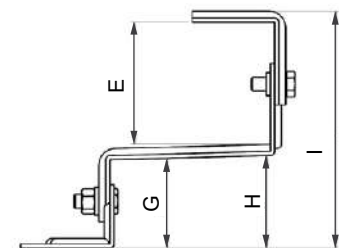
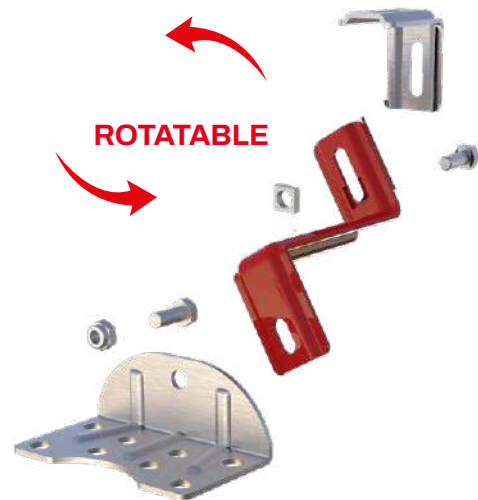


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- NR. 8 BOHRUNGEN Ø11, VORBEREITET FÜR DIE BEFESTIGUNG DER HALTERUNG
- HAKENABMESSUNGEN 40 MM X ST. 3MM



DOUBLE ADJUSTMENT



VERTICAL	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	L [mm]
SHORT	193	70	120	60	97÷122	40	58÷69	61÷72	174÷210	120
LONG	193	70	120	60	65÷80	40	100÷111	103÷114	184÷210	120

NB.: TO FIX "FVP" PROFILES ON THE ROOF SUPPORTS, USE FASTENERS 11110883 (PAG.98) OR 11110893 (PAG.99)

CODE	DESCRIPTION
11111103	HS2HDRT DOUBLE-ADJUSTMENT SUPPORT
11111103BOX	HS2HDRT DOUBLE-ADJUSTMENT SUPPORT - BOX 10 pcs.

Datasheet



FSDRL

MADE IN ITALY

WIDE BASE DOUBLE-ADJUSTMENT SUPPORT ON ROOFS WITH PANTILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- HOOK DIMENSIONS 30 MM X TH. 5MM
- NO. 5 Ø9 HOLES PREPARED FOR PLATE FIXING

SUPPORT À BASE LARGE AVEC DOUBLE RÉGLAGE SUR LES TOITS EN TUILES



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- TAILLE CROCHET 30 MM X ÉP. 5 MM
- NR. 5 TROUS Ø9 PRÉVUS POUR LA FIXATION DE LA PLAQUE

DOPPELT VERSTELLBARE STÜTZE MIT BREITER BASIS AUF DÄCHERN MIT PFANNENZIEGELN

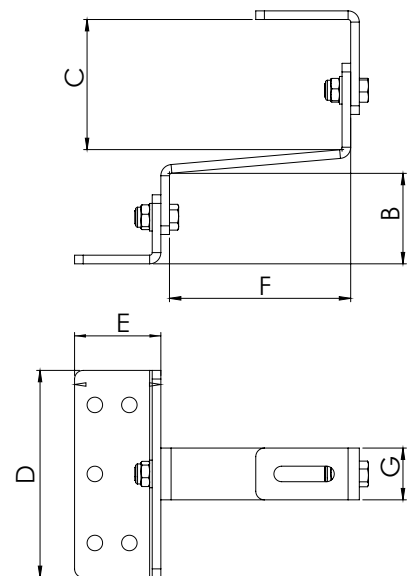


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR. 5 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG



DOUBLE ADJUSTMENT



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
145	41÷52	60÷80	120	50	105	30

CODE	DESCRIPTION
FVD300002	FSDRL – WIDE BASE DOUBLE-ADJUSTMENT SUPPORT
FVD300002BOX	FSDRL – WIDE BASE DOUBLE-ADJUSTMENT SUPPORT - BOX 10pcs.

Datasheet



160-140R SUPPORT FOR FIXING ON ROOFS WITH PANTILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- HOOK DIMENSIONS 30 MM X TH. 5MM
- NO.10 Ø9 HOLES PREPARED FOR PLATE FIXING

160-140R SUPPORT POUR FIXATION SUR LES TOITS À TUILES



CARACTÉRISTIQUES TECHNIQUES

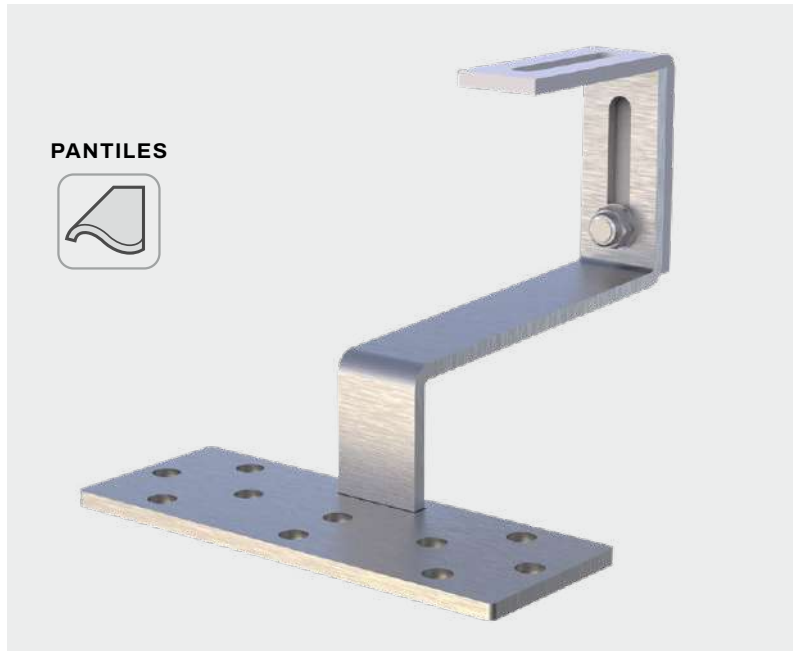
- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 10 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

160-140R STÜTZE ZUR BEFESTIGUNG AUF DACH MIT PFANNENZIEGELN

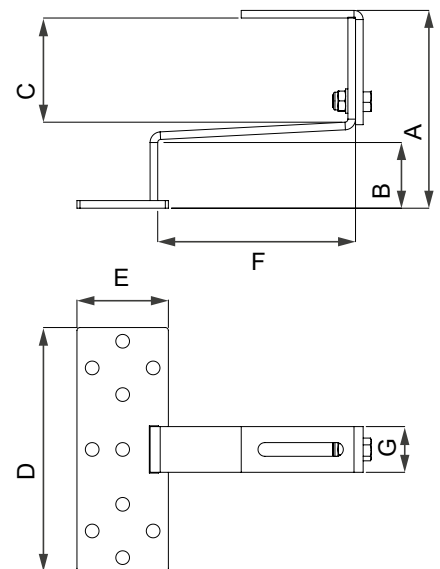
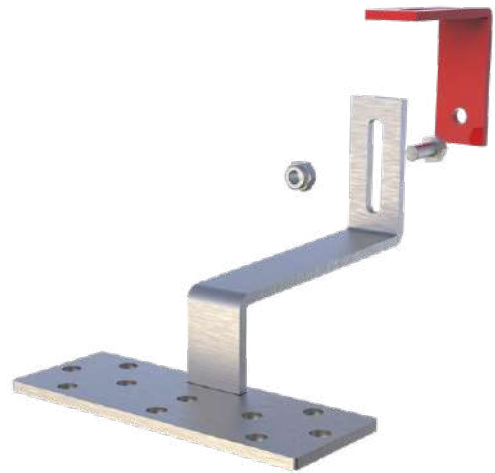


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.10 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG



SINGLE ADJUSTMENT



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
133 ÷ 173	50	72 ÷ 122	160	60	130	30

NB.: TO FIX "FVP" PROFILES ON THE ROOF SUPPORTS, USE FASTENERS 11110883 (PAG.98) OR 11110893 (PAG.99)

CODE	DESCRIPTION
11110714	HSTL SUPPORT WITH SIDE COUPLER
11110714BOX	HSTL SUPPORT WITH SIDE COUPLER - BOX 10pcs.

Datasheet



HSDRT

MADE IN ITALY

ADJUSTABLE SUPPORT FOR FIXING ON THE ROOF WITH TILES 


TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- MOD. OF ELASTICITY: 196000 N/ MM2
- TENSILE STRENGTH TO TRACTION: 515 N/ MM2
- THICKNESS 5 MM
- HOOK DIM. 30 MM X TH.5 MM
- N°.10 HOLES SET-UP FOR FIXING PLATE

SUPPORT RÉGLABLE POUR FIXATION SUR LE TOIT AVEC DES TUILES 

CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- ÉPAISSEUR 5 MM
- 10 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

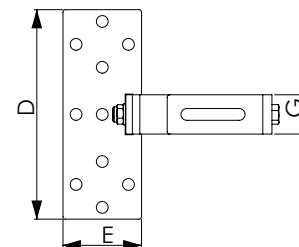
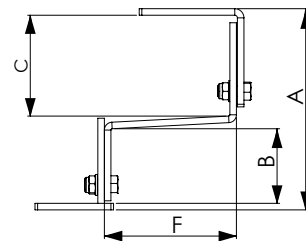
EINSTELLBARE STÜTZE ZUR BEFESTIGUNG AUF DACH MIT PFANNENZIEGELN 

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- MOD. ELASTIZITÄT: 196000 N/MM2
- ZUGKRAFT ZU TRAKTION: 515 N/ MM2
- DICKE 5 MM
- 10-LOCH-VORRICHTUNG FÜR DIE BEFESTIGUNGSPLATE



DOUBLE ADJUSTMENT



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
153/230	55/100	75/115	160	60	96	30

CODE	DESCRIPTION
11110733	SUPPORT HSDRT - INOX AISI 304
11110733BOX	SUPPORT HSDRT - INOX AISI 304 - BOX 10 PCS.

Datasheet



HSTT

MADE IN ITALY

145/60-70 SUPPORT FOR FIXING ON ROOFS WITH PANTILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- HOOK DIMENSIONS 30 MM X TH. 5MM
- NO.10 Ø9 HOLES PREPARED FOR PLATE FIXING

145/60-70 SUPPORT POUR FIXATION SUR TOITS EN TUILES



CARACTÉRISTIQUES TECHNIQUES

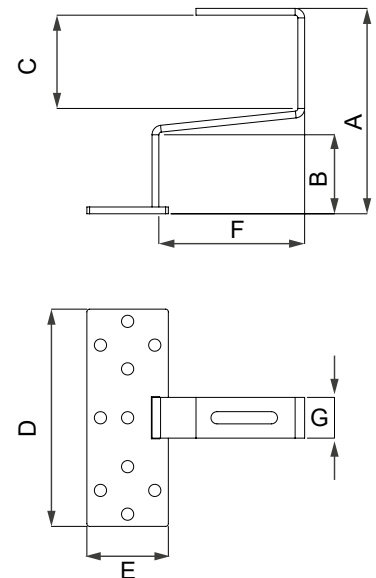
- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 10 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

145/60-70 STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN MIT PFANNENZIEGEL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.10 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
145	60	70	160	60	110	30

NB.: TO FIX "FVP" PROFILES ON THE ROOF SUPPORTS, USE FASTENERS 11110883 (PAG.98) OR 11110893 (PAG.99)

CODE	DESCRIPTION
11110705	HSTT 145/60-70 SUPPORT
11110705BOX	HSTT 145/60-70 SUPPORT - BOX 10pcs.

Datasheet



HSTT

MADE IN ITALY

155/70-70 SUPPORT FOR FIXING ON ROOFS WITH PANTILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- HOOK DIMENSIONS 30 MM X TH. 5MM
- NO.10 Ø9 HOLES PREPARED FOR PLATE FIXING

155/70-70 SUPPORT POUR FIXATION SUR TOITS EN TUILES



CARACTÉRISTIQUES TECHNIQUES

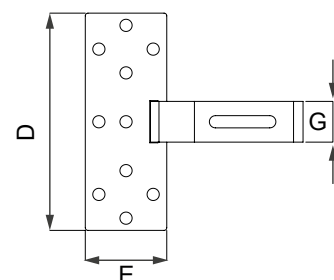
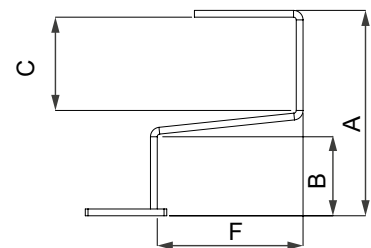
- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²
- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 10 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

155/70-70 STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN MIT PFANNENZIEGEL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.10 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
155	70	70	160	60	110	30

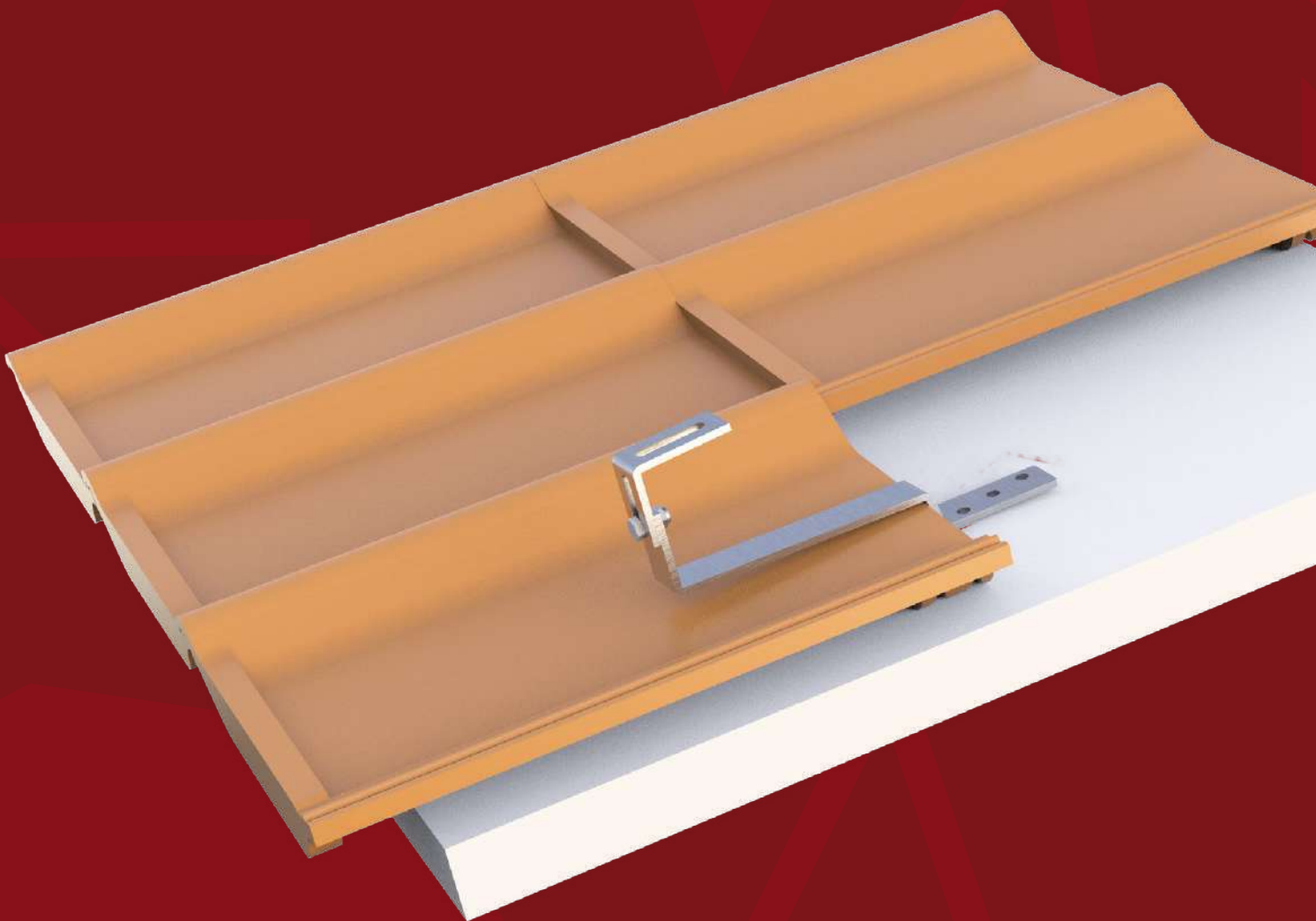
NB.: TO FIX "FVP" PROFILES ON THE ROOF SUPPORTS, USE FASTENERS 11110883 (PAG.98) OR 11110893 (PAG.99)

CODE	DESCRIPTION
11110706	HSTT 155/70-70 SUPPORT
11110706BOX	HSTT 155/70-70 SUPPORT - BOX 10pcs.

Datasheet



FIXED/ ADJUSTABLE SUPPORTS FOR ROOFS WITH BENT OR FLAT TILES



GTCR-1

MADE IN ITALY

ADJUSTABLE SUPPORT FOR FIXING ON ROOFS WITH BENT TILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5MM
- NO.8 HOLES Ø11 FOR ROOF FIXING

SUPPORT RÉGLABLE DE FIXATION SUR TOITS EN TUILES



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM
- 8 TROUS Ø11 POUR LE MONTAGE SUR LE TOIT

EINSTELLBARE STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN MIT GEBOGENEN ZIEGELN

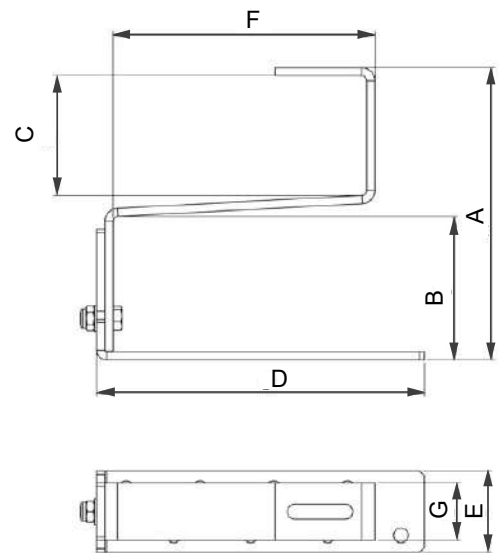
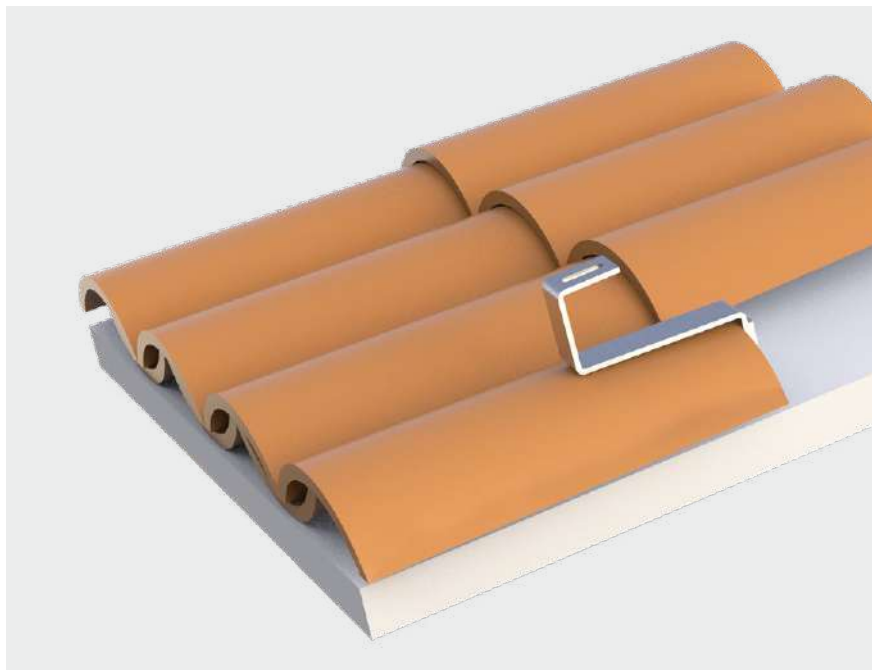
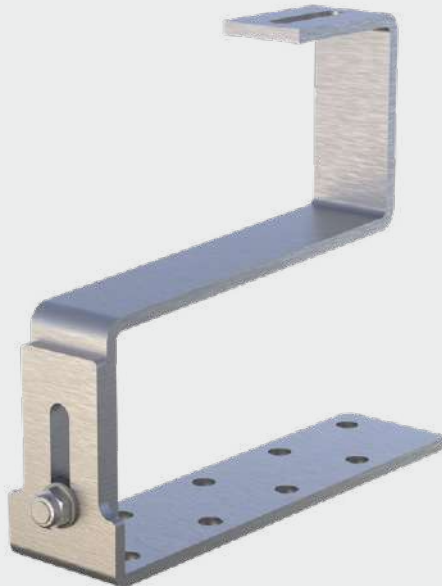


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- STÄRKE: 5MM
- NR. 8 LÖCHER Ø11 ZUR DACHBEFESTIGUNG

SINGLE ADJUSTMENT

BENT TILES



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
180÷210	83	73	200	50	190	30

CODE	DESCRIPTION
FVD300001	ADJUSTABLE BENT TILE ROOF HOOK
FVD300001BOX	ADJUSTABLE BENT TILE ROOF HOOK - BOX 10pcs

Datasheet



HSCL

MADE IN ITALY

100/20-65 SUPPORT FOR FIXING ON ROOFS WITH BENT TILES



TECHNICAL SPECIFICATIONS

- MATERIAL: GALVANISED STEEL
- TENSILE STRENGTH: 440 N/MM²
- TREATMENT: HOT DIP GALVANISING
- HOOK DIMENSIONS 30 MM X TH. 5 MM
- NO. 9 Ø9 HOLES PREPARED FOR PLATE FIXING

100/20-65 SUPPORT POUR FIXATION SUR TOITS EN TUILES



CARACTÉRISTIQUES TECHNIQUES

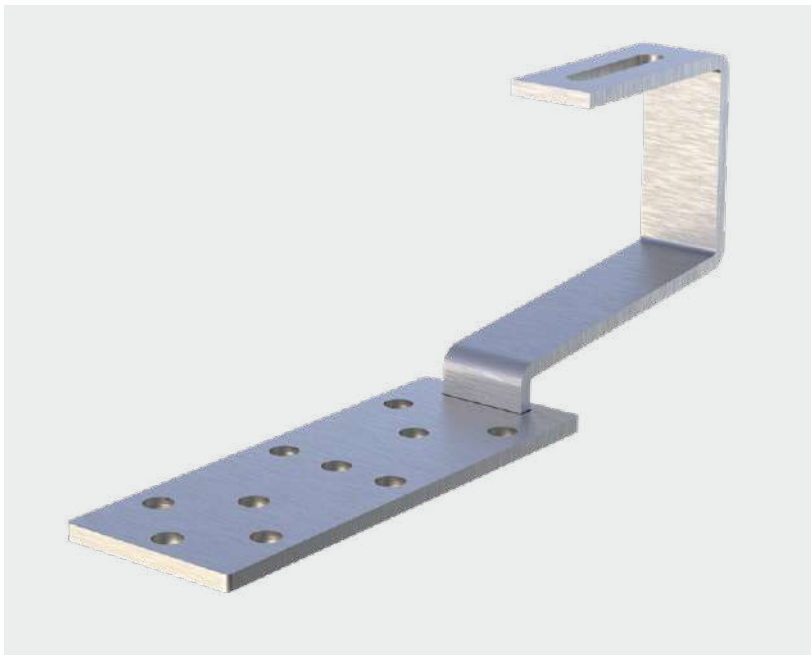
- MATÉRIAU : ACIER GALVANISÉ
- RÉSISTANCE À LA TRACTION : 440 N/MM²
- TRAITEMENT : GALVANISATION À CHAUD
- TAILLE CROCHET 30 MM X ÉP. 5 MM
- NR. 9 TROUS Ø9 PRÉVUS POUR LA FIXATION DE LA PLAQUE

100/20-65 STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN MIT GEBOGENEN ZIEGELN

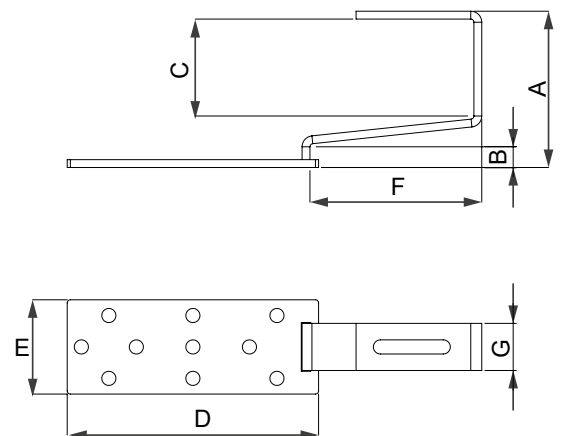
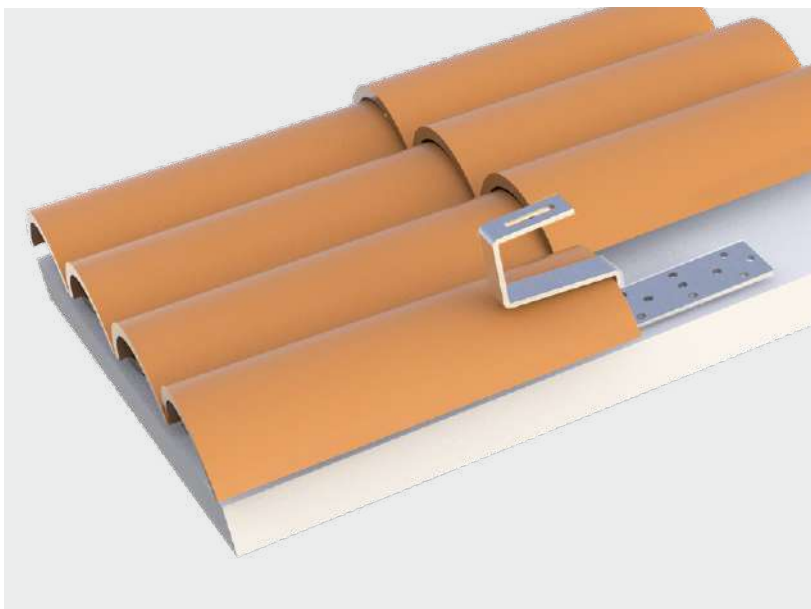


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: GALVANISierter STAHL
- ZUGFESTIGKEIT: 440 N/MM²
- BEHANDLUNG: FEUERVERZINKEN
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR. 9 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG



BENT TILES



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
100	20	65	160	60	110	30

Datasheet

CODE	DESCRIPTION
11110712Z	HSCL HSTT 100/20-65 SUPPORT
11110712ZBOX	HSCL 100/20-65 SUPPORT - BOX 10pcs.



HSCL

MADE IN ITALY

185/105-65 SUPPORT FOR FIXING ON ROOFS WITH BENT TILES 

TECHNICAL SPECIFICATIONS

- MATERIAL: GALVANISED STEEL
- TENSILE STRENGTH: 440 N/MM²
- TREATMENT: HOT DIP GALVANISING
- HOOK DIMENSIONS 30 MM X TH. 5MM
- NO.10 Ø9 HOLES PREPARED FOR PLATE FIXING

185/105-65 SUPPORT POUR FIXATION SUR TOITS EN TUILES 

CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER GALVANISÉ
- RÉSISTANCE À LA TRACTION : 440 N/MM²
- TRAITEMENT : GALVANISATION À CHAUD
- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 10 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

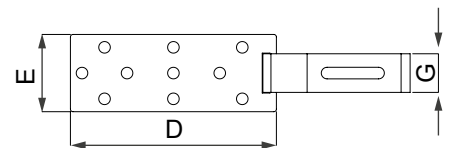
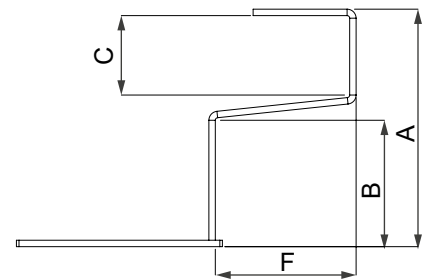
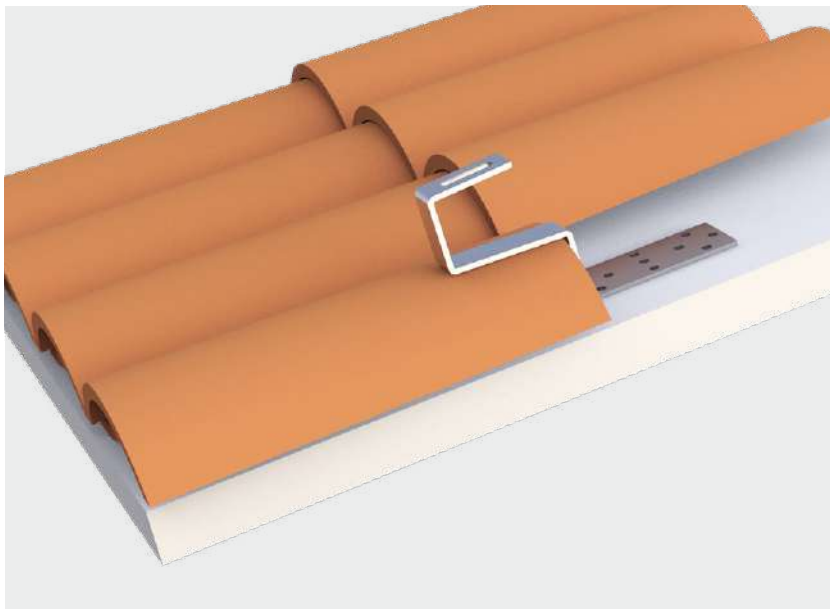
185/105-65 STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN MIT GEBOGENEN ZIEGELN 

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: GALVANISierter STAHL
- ZUGFESTIGKEIT: 440 N/MM²
- BEHANDLUNG: FEUERVERZINKEN
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.10 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG



BENT TILES



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
185	105	65	60	160	110	30

Datasheet

CODE	DESCRIPTION
11110713Z	HSCL HSTT 185/105-65 SUPPORT
11110713ZBOX	HSCL 185/105-65 SUPPORT - BOX 10pcs.



HSTCFX

MADE IN ITALY

**FIXED SUPPORT FOR
FIXING ON ROOFS WITH
BENT TILES**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- HOOK DIMENSIONS 30 X TH.5 MM
- NO.2 Ø9 HOLES PREPARED FOR PLATE FIXING

**SUPPORT FIXE POUR
LA FIXATION SUR TOITS
EN TUILES**



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²
- TAILLE CROCHET 30 X ÉP.5 MM
- 2 TROUS Ø9 PRÉVUS POUR LA FIXATION DE LA PLAQUE

**FESTE STÜTZE ZUR
BEFESTIGUNG
AUF DÄCHERN MIT
GEBOGENEN ZIEGELN**

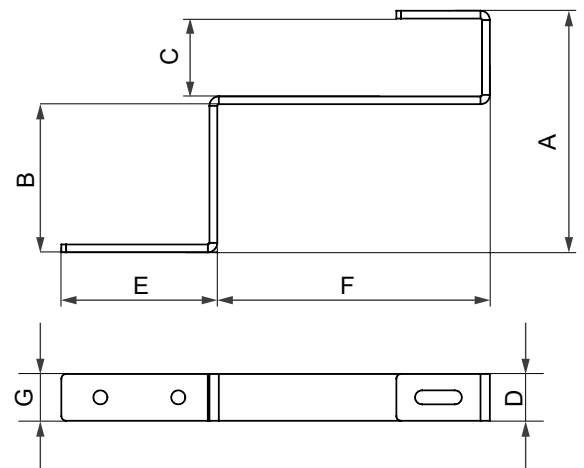
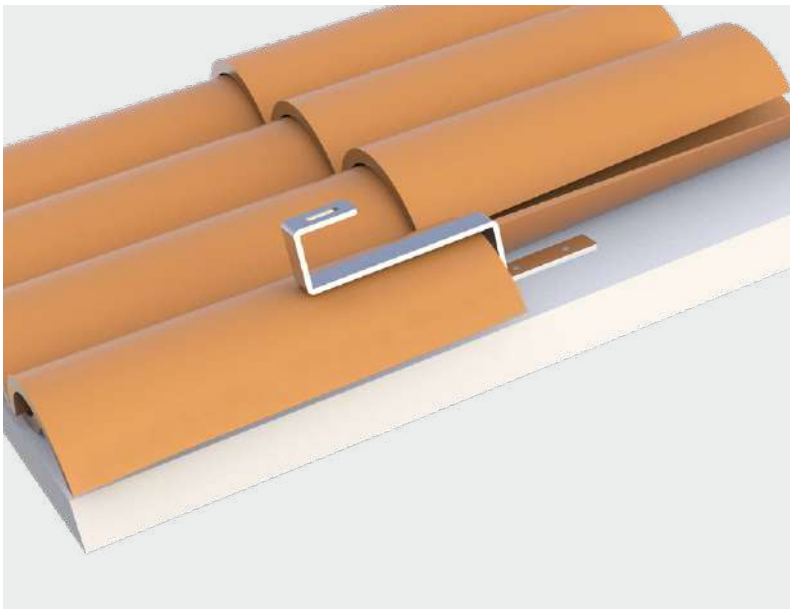


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- HAKEN ABMESSUNGEN 30 X TH.5 MM
- NR.2 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG



BENT TILES



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
155	100	60	30	100	180	30

Datasheet

CODE	DESCRIPTION
FVD300003	HSTCFX FIXED SUPPORT FOR FIXING ON ROOFS WITH BENT TILES
FVD300003BOX	HSTCFX FIXED SUPPORT FOR FIXING ON ROOFS WITH BENT TILES - BOX 10pcs.



HS2DRAD

MADE IN ITALY

**DOUBLE SUPPORT
ADJUSTMENT FOR ROOFS
WITH BENT TILES**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- NO.3 Ø11 HOLES PREPARED FOR ROOF FIXING
- HOOK DIMENSIONS 40 MM X TH. 3MM

**DOUBLE SUPPORT
RÉGLAGE POUR TOITS EN
TUILES**



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²
- 3 TROUS Ø 11 PRÉPARÉS POUR LA FIXATION AU TOIT
- TAILLE CROCHET 40 MM X ÉP. 3 MM

**DOPPELTE STÜTZE
ANPASSUNG
FÜR DÄCHER MIT
GEBOGENEN ZIEGELN**

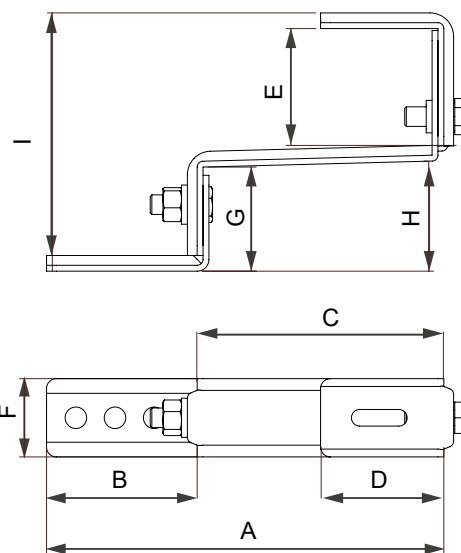


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- NR. 3 Ø11 LÖCHER FÜR DIE DACHBEFESTIGUNG VORBEREITET
- HAKENABMESSUNGEN 40 MM X ST. 3MM



DOUBLE ADJUSTMENT



VERSION	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]
SHORT	211	80	120	60	64-89	40	53-64	56-67	136-172
LONG	211	80	120	60	60-75	40	67-78	70-81	146-172

Datasheet

CODE	DESCRIPTION
11111106	HS2DRAD DOUBLE-ADJUSTMENT SUPPORT
11111106BOX	HS2DRAD DOUBLE-ADJUSTMENT SUPPORT - BOX 10pcs.



HS2DRBD

MADE IN ITALY

DOUBLE SUPPORT ADJUSTMENT FOR ROOFS WITH BENT TILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH:
- 515 N/MM²
- NO.3 Ø11 HOLES PREPARED FOR ROOF FIXING
- HOOK DIMENSIONS 40 MM X TH. 3MM

DOUBLE SUPPORT RÉGLAGE POUR TOITS EN TUILES



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION :
- 515 N/MM²
- 3 TROUS Ø 11 PRÉPARÉS POUR LA FIXATION AU TOIT
- TAILLE CROCHET 40 MM X ÉP. 3 MM

DOPPELTE STÜTZE ANPASSUNG FÜR DÄCHER MIT GEBOGENEN ZIEGELN

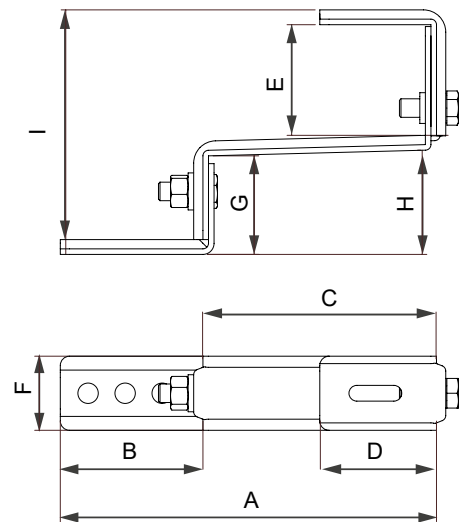


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT:
- 515 N/MM²
- NR. 3 Ø11 LÖCHER FÜR DIE DACHBEFESTIGUNG VORBEREITET
- HAKENABMESSUNGEN 40 MM X ST. 3MM



DOUBLE ADJUSTMENT



VERSION	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]
SHORT	208	70	120	60	97-122	40	58-69	61-72	174-210
LONG	208	70	120	60	65-80	40	100-111	103-114	184-210

NB.: TO FIX "FVP" PROFILES ON THE ROOF SUPPORTS, USE FASTENERS OR 11110883 (PAG. 87) O11110893 (PAG. 88)

CODE	DESCRIPTION
11111108	HS2DRBD DOUBLE-ADJUSTMENT SUPPORT
11111108BOX	HS2DRBD DOUBLE-ADJUSTMENT SUPPORT - BOX 10pcs.

Datasheet



FST225-180R

MADE IN ITALY

ADJUSTABLE SUPPORT FOR FIXING ON ROOFS WITH BENT AND PANTILES



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- HOOK DIMENSIONS 30 MM X TH. 5MM
- NR.3 Ø9 HOLES PREPARED FOR PLATE FIXING

SUPPORT RÉGLABLE POUR FIXATION SUR LES TOITS À TUILES



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 3 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

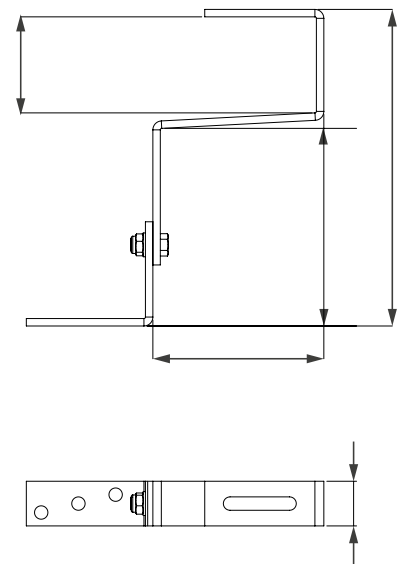
EINSTELLBARE STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN MIT BOGEN- UND PFANNENZIEGELN



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.3 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG

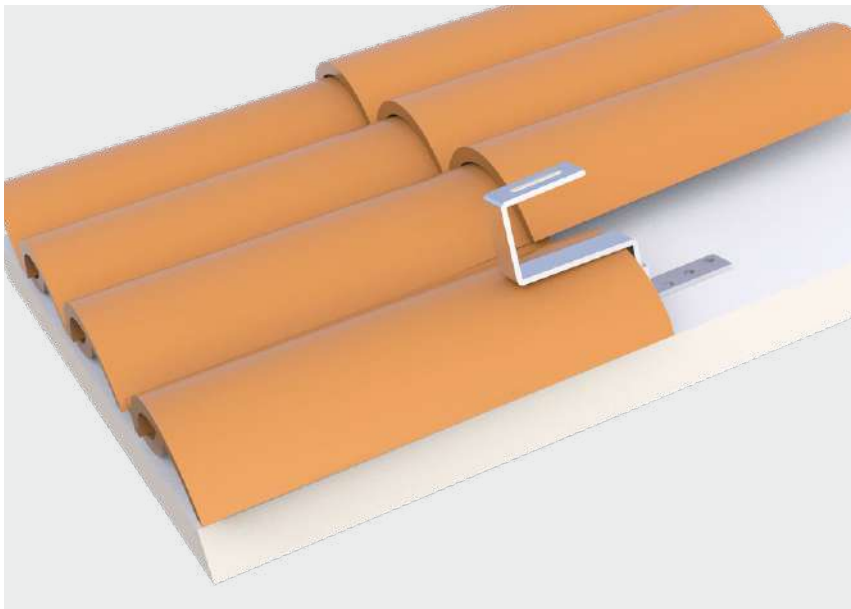
DOUBLE ADJUSTMENT



BENT TILES



PANTILES



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
173÷213	92÷133	64	115	30

Datasheet

CODE	DESCRIPTION
11110764	FST225-180R SUPPORT
11110764BOX	FST225-180R SUPPORT BOX 10pcs.



FSDR

MADE IN ITALY

**DOUBLE-ADJUSTMENT
SUPPORT FOR FIXING ON
ROOFS WITH BENT AND
PANTILES**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²

**SUPPORT À DOUBLE
RÉGLAGE
POUR FIXATION SUR LES
TOITS À TUILES**



CARACTÉRISTIQUES TECHNIQUES

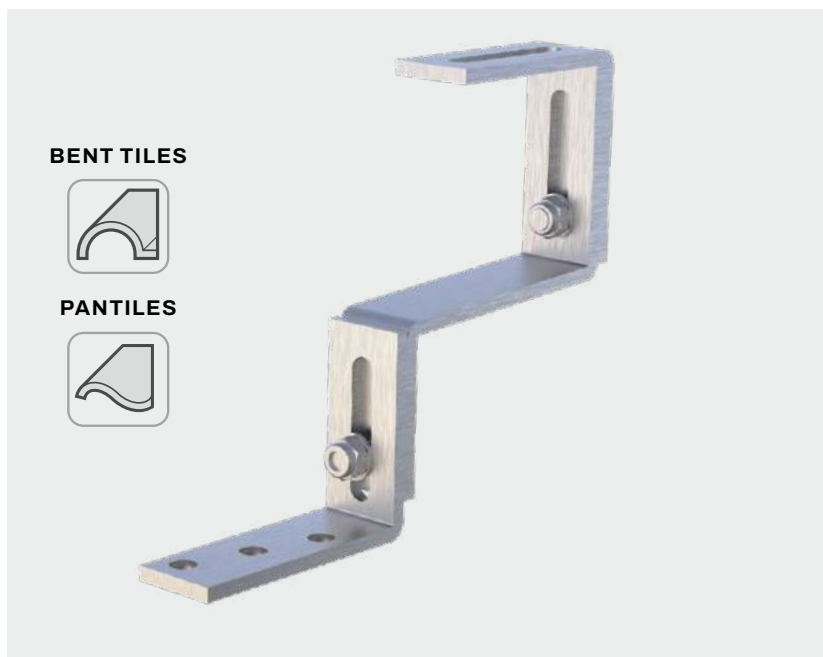
- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²

**DOPPELTE EINSTELLUNG
ZUR BEFESTIGUNG AUF
DÄCHERN MIT BOGEN-
UND PFANNENZIEGELN**



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²



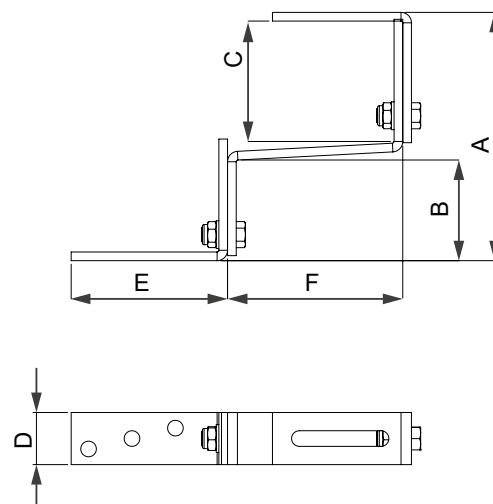
BENT TILES



PANTILES



DOUBLE ADJUSTMENT



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
220÷145	95÷55	115÷75	30	90	100

[Datasheet](#)

CODE	DESCRIPTION
11110765	FSDR SUPPORT
11110765BOX	FSDR SUPPORT BOX 10pcs.



FSTR

MADE IN ITALY

**TRIPLE-ADJUSTMENT
SUPPORT FOR FIXING ON
ROOFS WITH BENT AND
PANTILES**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS 5 MM
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²

**SUPPORT À TRIPLE
RÉGLAGE
POUR FIXATION SUR LES
TOITS À TUILES**



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR 5 MM
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²

**DREIFACH EINSTELLBARE
STÜTZE ZUR
BEFESTIGUNG AUF
DÄCHERN MIT BOGEN-
UND PFANNENZIEGELN**



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- STÄRKE 5 MM
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²

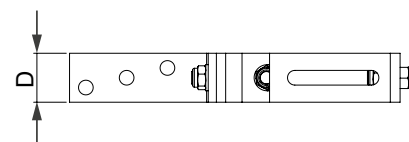
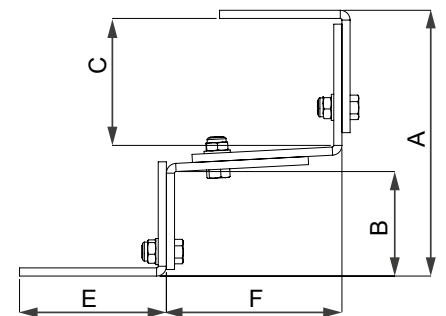
TRIPLE ADJUSTMENT



BENT TILES



PANTILES



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
225÷170	100÷65	135÷95	30	90	100	30

Datasheet

CODE	DESCRIPTION
11110766	FSTR SUPPORT
11110766BOX	FSTR SUPPORT - BOX 10pcs.



GTPFR-1

MADE IN ITALY

HOOK PANTILE FLAT ADJUSTABLE



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5MM
- NO.3 Ø11 HOLES FOR ROOF FIXING

CROCHET TUILE PLATE RÉGLABLE



CARACTÉRISTIQUES TECHNIQUES

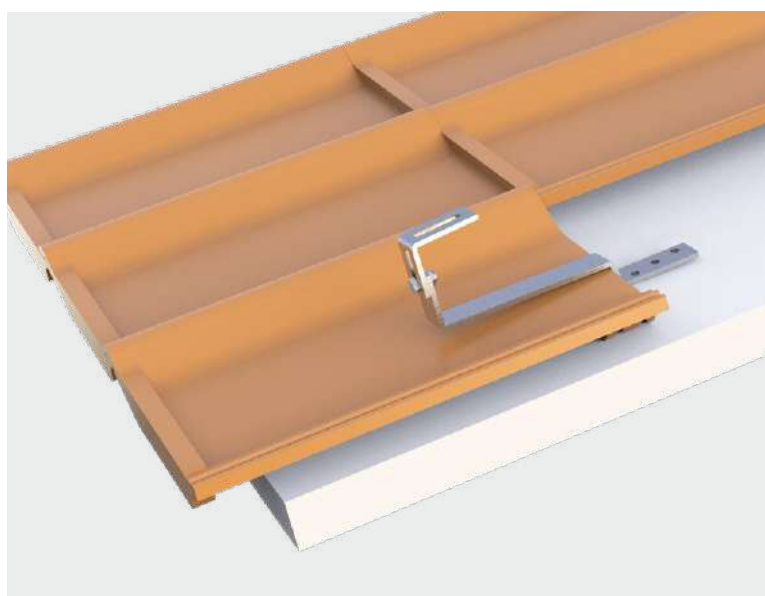
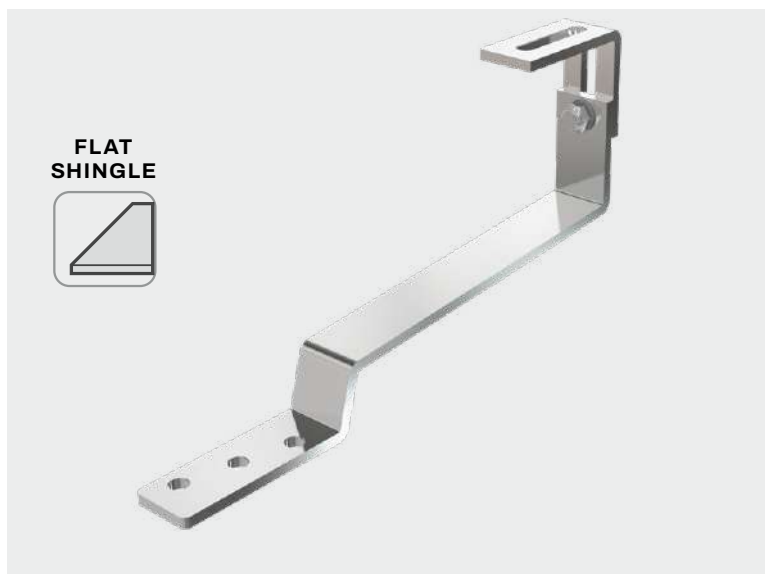
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM
- 3 TROUS Ø11 PRÉPARÉS POUR LA FIXATION AU TOIT

PFANNENZIEGEL HAKEN FLACH VERSTELLBAR

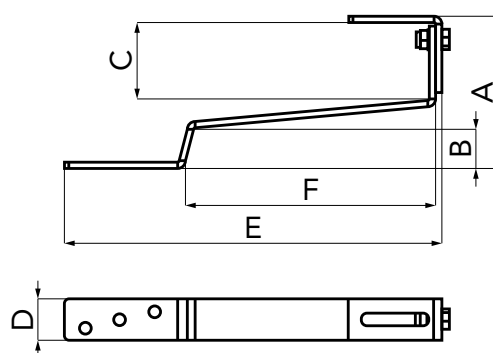


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- STÄRKE: 5MM
- NR. 3 Ø11 LÖCHER ZUR DACHBEFESTIGUNG



SINGLE ADJUSTMENT



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
110÷138	30	55÷85	30	280	195

CODE	DESCRIPTION
FVD300007	GTPFR-1 ADJUSTABLE FLAT TILE HOOK
FVD300007BOX	GTPFR-1 ADJUSTABLE FLAT TILE HOOK - BOX 10pcs

Datasheet



HSTR

MADE IN ITALY

**SUPPORT TH. 3 MM
RAISED ADJUSTABLE
FOR FIXING ON ROOFS
WITH BENT TILES**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- NO.3 Ø11 HOLES PREPARED FOR ROOF FIXING
- HOOK DIMENSIONS 40 MM X TH. 3MM

**SUPPORT ÉP. 3 MM
SURÉLEVÉ RÉGLABLE
POUR FIXATION SUR
TOITS EN TUILES**



CARACTÉRISTIQUES TECHNIQUES

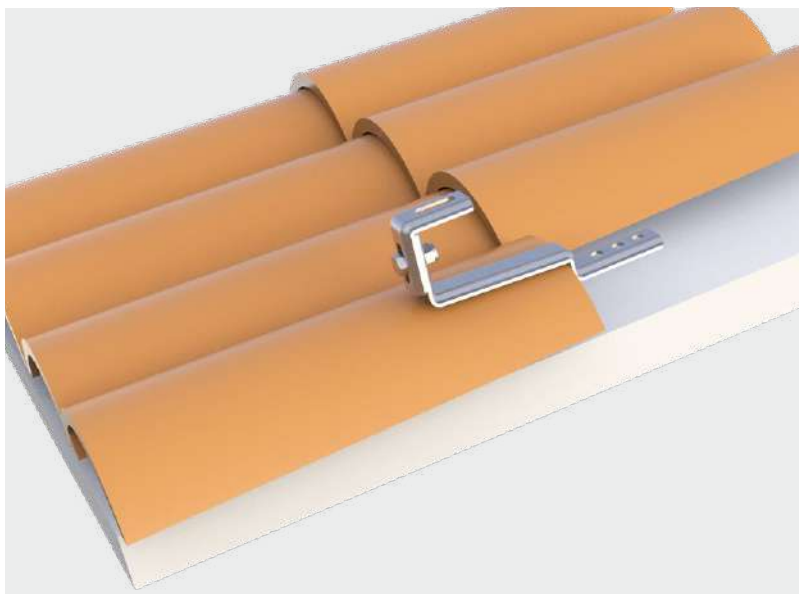
- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- 3 TROUS Ø 11 POUR LE MONTAGE SUR LE TOIT
- TAILLE CROCHET 40 MM X ÉP. 3 MM

**HALTERUNG ST. 3 MM
HÖHENVERSTELLBAR
ZUR BEFESTIGUNG AUF
DÄCHERN MIT
GEBOGENEN ZIEGELN**

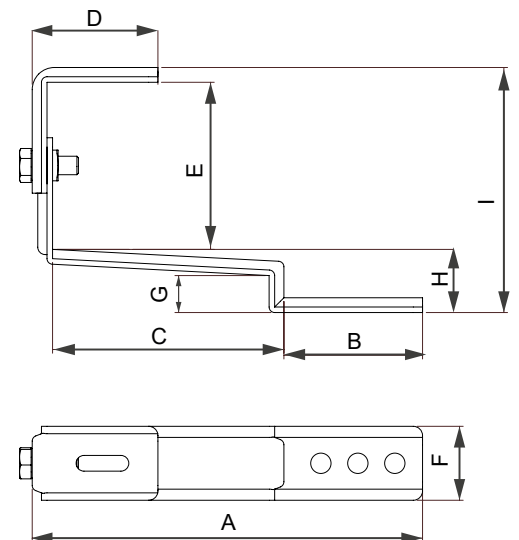
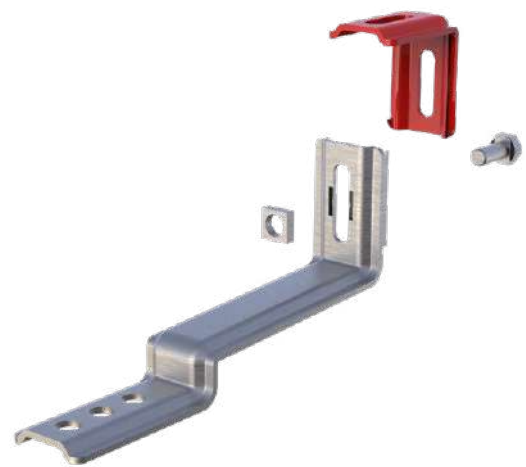


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- NR. 3 Ø11 LÖCHER FÜR DIE DACHBEFESTIGUNG VORBEREITET
- HAKENABMESSUNGEN 40 MM X ST. 3MM



SINGLE ADJUSTMENT



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]
211	80	120	60	55-85	40	20	26	98-128

Datasheet

CODE	DESCRIPTION
11111105	HSRT ADJUSTABLE RAISED SUPPORT
11111105BOX	HSRT ADJUSTABLE RAISED SUPPORT - BOX 10pcs.



GTPF-2

MADE IN ITALY

SUPPORT FOR FIXED FLAT TILE



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5MM
- WEIGHT: 491 G
- NO.3 Ø11 HOLES FOR ROOF FIXING

SUPPORT POUR TUILES PLATES FIXES



CARACTÉRISTIQUES TECHNIQUES

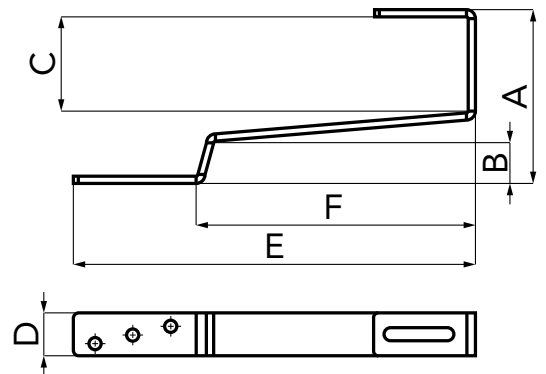
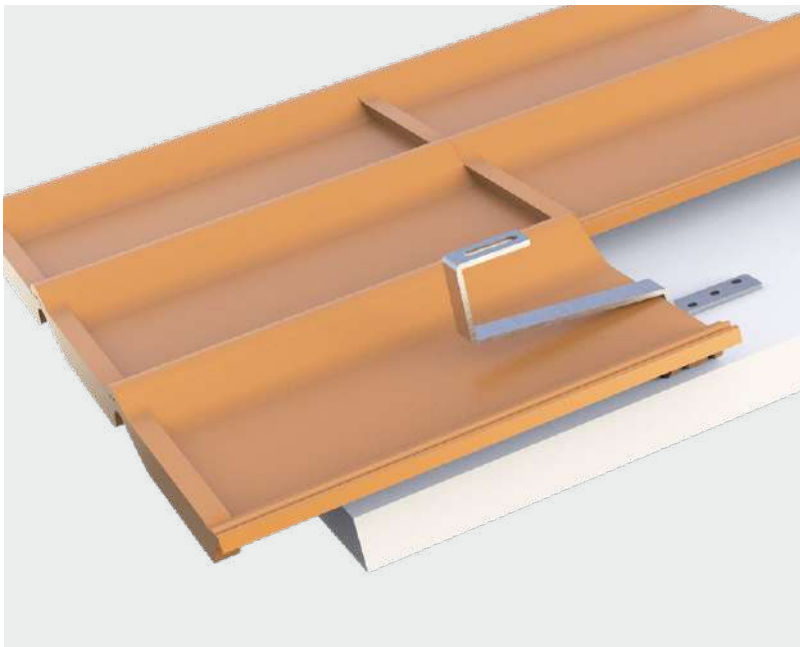
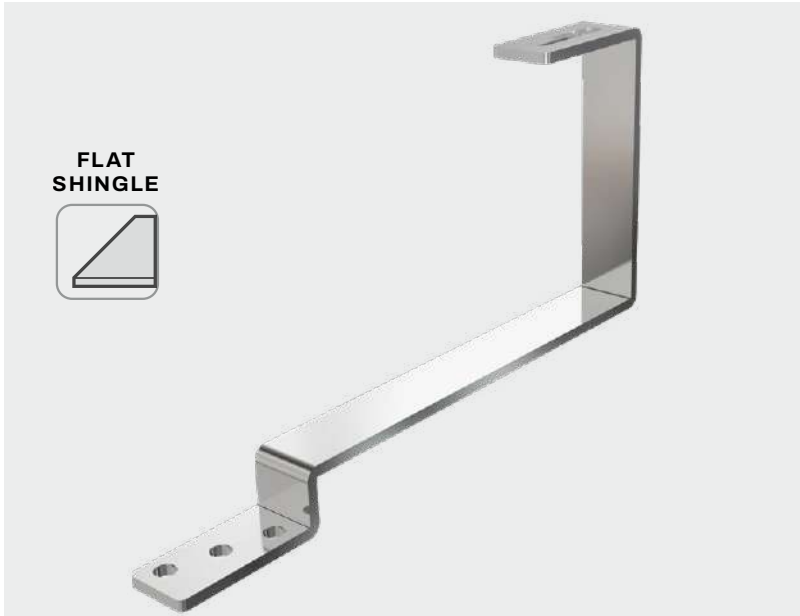
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM
- POIDS : 491 G
- 3 TROUS Ø11 PRÉPARÉS POUR LA FIXATION AU TOIT

STÜTZE FÜR FESTE FLACHZIEGEL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- STÄRKE: 5MM
- GEWICHT: 491 G
- NR. 3 Ø11 LÖCHER ZUR DACHBEFESTIGUNG



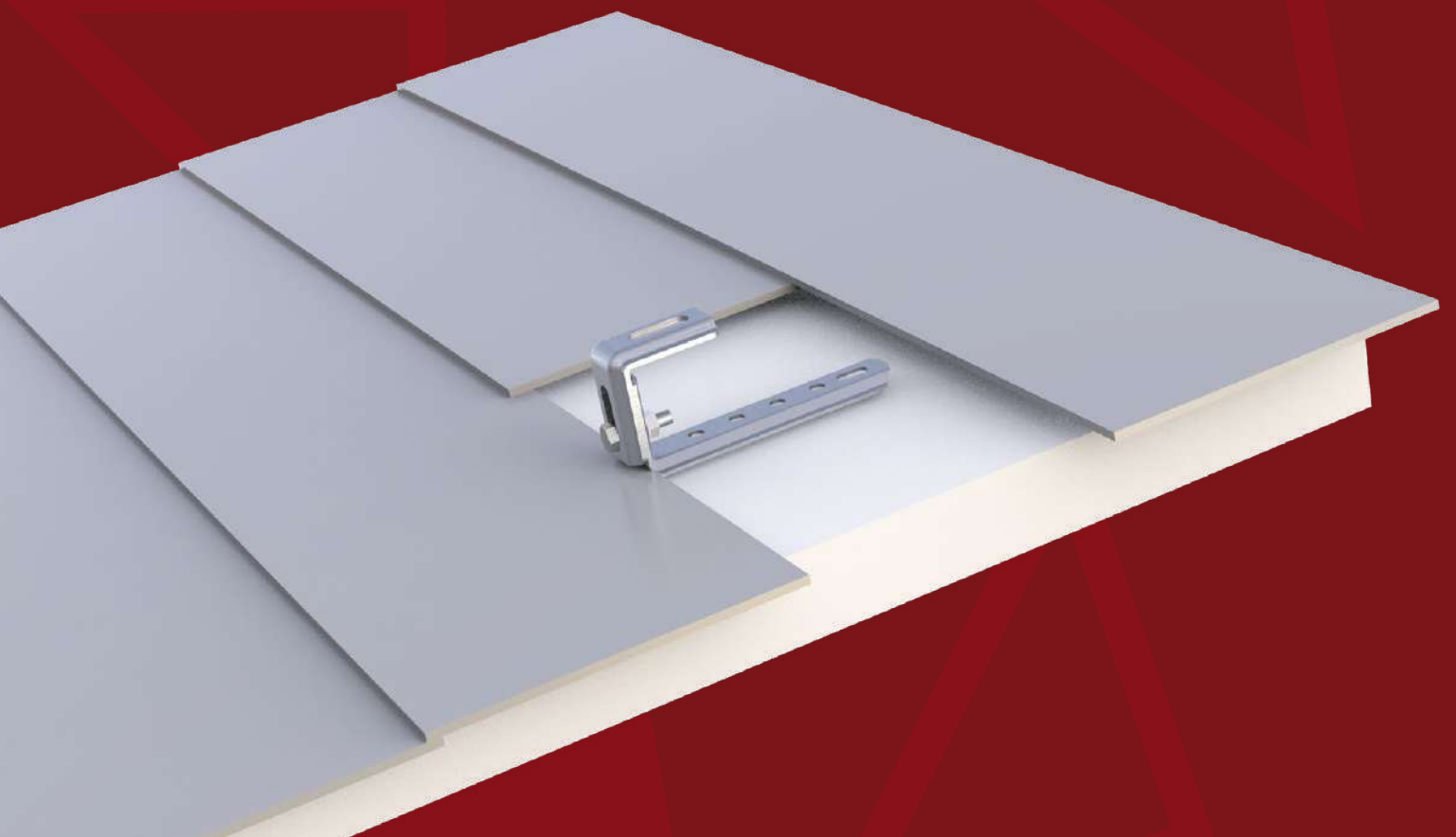
A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
120	29	65,5	30	277	193

CODE	DESCRIPTION
FVD300006	GTPF-2 FIXED FLAT TILE HOOK
FVD300006BOX	GTPF-2 FIXED FLAT TILE HOOK BOX 10pcs

Datasheet



FIXED/ ADJUSTABLE SUPPORTS FOR ROOFS IN SLATE - FLAGSTONE - SHINGLES



HSRPT

MADE IN ITALY

**FLAT SUPPORT TH. 3 MM
FLAT ADJUSTABLE
FOR FIXING ON ROOFS**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²
- NO.3 Ø11 HOLES PREPARED FOR ROOF FIXING
- HOOK DIMENSIONS 40 MM X TH. 3MM

**SUPPORT PLAT ÉP. 3 MM
PLATE RÉGLABLE
POUR FIXATION SUR TOITS**



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- MODULE D'ÉLASTICITÉ EN FLEXION: 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION: 515 N/MM²
- 3 TROUS Ø 11 POUR LE MONTAGE SUR LE TOIT
- TAILLE CROCHET 40 MM X ÉP. 3 MM

**HSRPT FLACHE STÜTZE ST.
3 MM FLACH VERSTELLBAR
ZUR BEFESTIGUNG AUF
DÄCHERN**

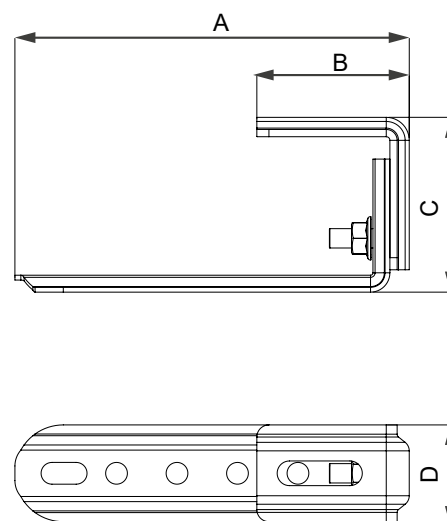


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²
- NR. 3 Ø11 LÖCHER FÜR DIE DACHBEFESTIGUNG VORBEREITET
- HAKENABMESSUNGEN 40 MM X ST. 3MM



SINGLE ADJUSTMENT



A [mm]	B [mm]	C [mm]	D [mm]
150	60	71-101	40

NB.: TO FIX "FVP" PROFILES ON THE ROOF SUPPORTS, USE FASTENERS OR 11110883 (PAG. 94) OR 11110893 (PAG. 95)

Datasheet

CODE	DESCRIPTION
11111107	HSRPT ADJUSTABLE SUPPORT
11111107BOX	HSRPT ADJUSTABLE SUPPORT - BOX 10pcs.



HSTL120/40-62

MADE IN ITALY

SUPPORT FOR FIXING ON ROOFS



TECHNICAL SPECIFICATIONS

- HOOK DIMENSIONS 30 MM X TH. 5MM
- NR.3 Ø9 HOLES PREPARED FOR PLATE FIXING

MATERIAL: AISI 304 STAINLESS STEEL

- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²

MATERIAL: GALVANISED STEEL

- TENSILE STRENGTH: 440 N/MM²
- TREATMENT: HOT DIP GALVANISING

SUPPORT POUR FIXATION SUR LES TOITS



CARACTÉRISTIQUES TECHNIQUES

- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 3 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

MATÉRIAU : ACIER INOX AISI 304

- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²

MATÉRIAU : ACIER GALVANISÉ

- RÉSISTANCE À LA TRACTION : 440 N/MM²
- TRAITEMENT : GALVANISATION À CHAUD

STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN



TECHNISCHE EIGENSCHAFTEN

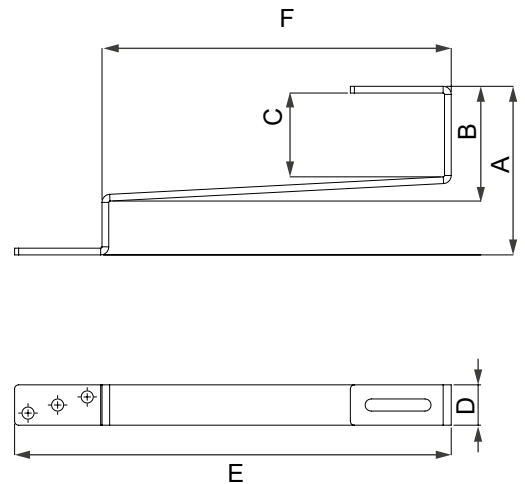
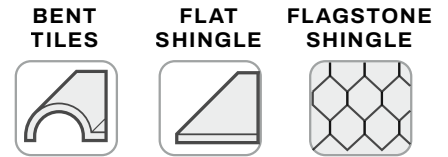
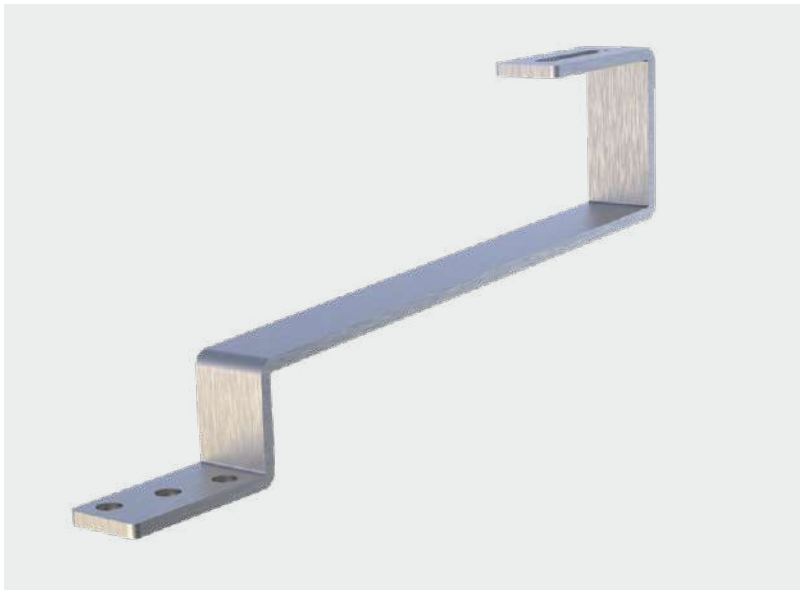
- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.3 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG

MATERIAL: EDELSTAHL AISI 304

- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²

MATERIAL: GALVANISIRTER STAHL

- ZUGFESTIGKEIT: 440 N/MM²
- BEHANDLUNG: FEUERVERZINKEN



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
120	40	62	30	325	255

STAINLESS STEEL CODE	DESCRIPTION
11110709	HSTL SUPPORT 120/40-62
11110709BOX	HSTL 120/40-62 SUPPORT - BOX 10pcs.
GALVANIZED CODE	DESCRIPTION
11110709Z	HSTL SUPPORT 120/40-62
11110709ZBOX	HSTL 120/40-62 SUPPORT - BOX 10pcs.

Datasheet



HSTL-2

MADE IN ITALY

**SUPPORT FOR FIXING
ON ROOFS**



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5MM
- WEIGHT: 465 G
- NO.3 Ø11 HOLES FOR ROOF FIXING

**SUPPORT POUR FIXATION
SUR LES TOITS**



CARACTÉRISTIQUES TECHNIQUES

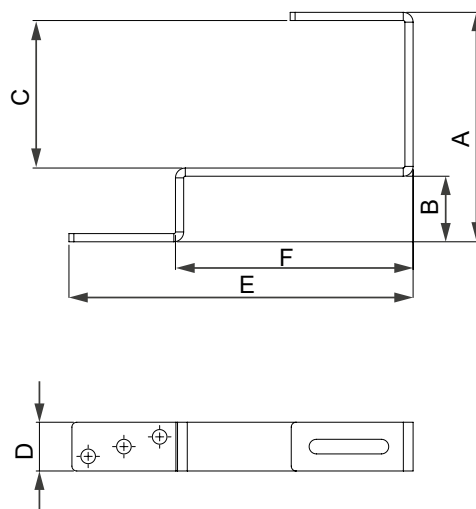
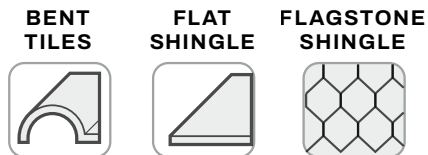
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM
- POIDS : 465 G
- 3 TROUS Ø11 PRÉPARÉS POUR LA FIXATION AU TOIT

**STÜTZE ZUR
BEFESTIGUNG AUF
DÄCHERN**



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- STÄRKE: 5MM
- GEWICHT: 465 G
- NR. 3 Ø11 LÖCHER ZUR DACHBEFESTIGUNG



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
140	40	90	30	210	140

[Datasheet](#)

CODE	DESCRIPTION
FVD300004	HSTL-2 SUPPORT
FVD300004BOX	HSTL-2 SUPPORT - BOX 10pcs



HSTL-3

MADE IN ITALY

SUPPORT FOR FIXING ON ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5MM
- NO.3 Ø11 HOLES FOR ROOF FIXING

SUPPORT POUR FIXATION SUR LES TOITS



CARACTÉRISTIQUES TECHNIQUES

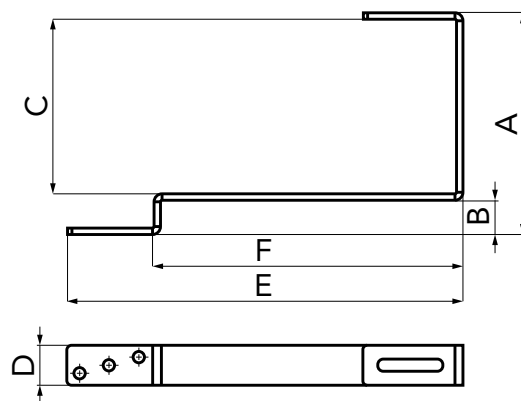
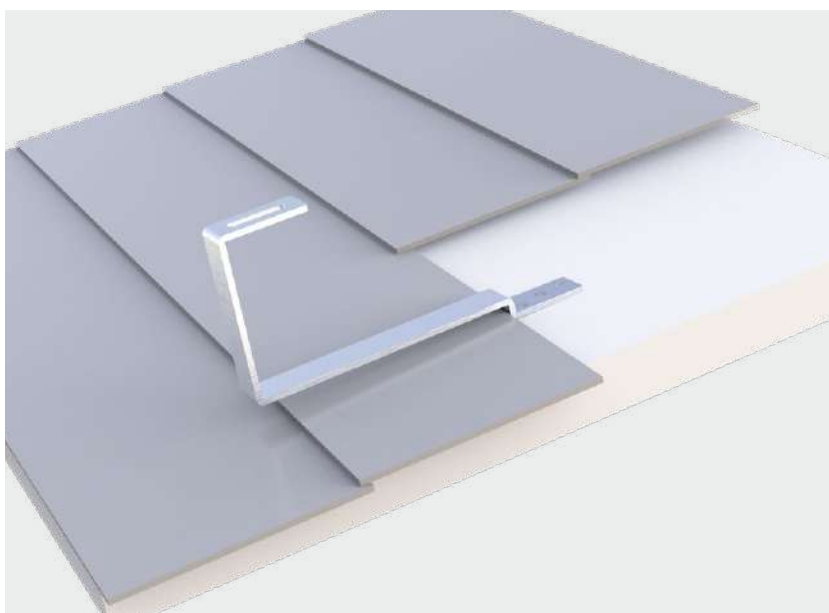
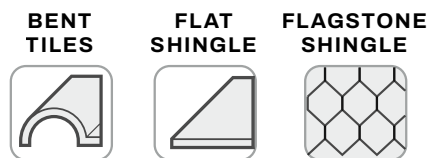
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM
- 3 TROUS Ø11 PRÉPARÉS POUR LA FIXATION AU TOIT

STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- STÄRKE: 5MM
- NR. 3 Ø11 LÖCHER ZUR DACHBEFESTIGUNG



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
165	25	130	30	295	230

STAINLESS STEEL CODE	DESCRIPTION
FVD300005	HSTL-3 SUPPORT
FVD300005BOX	HSTL-3 SUPPORT - BOX 10pcs

Datasheet



HSTT 127/47-66

MADE IN ITALY

SUPPORT FOR FIXING ON ROOFS



TECHNICAL SPECIFICATIONS

MATERIAL: AISI 304 STAINLESS STEEL

- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²
- TENSILE STRENGTH: 515 N/MM²

MATERIAL: GALVANISED STEEL

- TENSILE STRENGTH: 440 N/MM²
- TREATMENT: HOT DIP GALVANISING

SUPPORT POUR FIXATION SUR LES TOITS



CARACTÉRISTIQUES TECHNIQUES

MATÉRIAU : ACIER INOX AISI 304

- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²
- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²

MATÉRIAU : ACIER GALVANISÉ

- RÉSISTANCE À LA TRACTION : 440 N/MM²
- TRAITEMENT : GALVANISATION À CHAUD

STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN



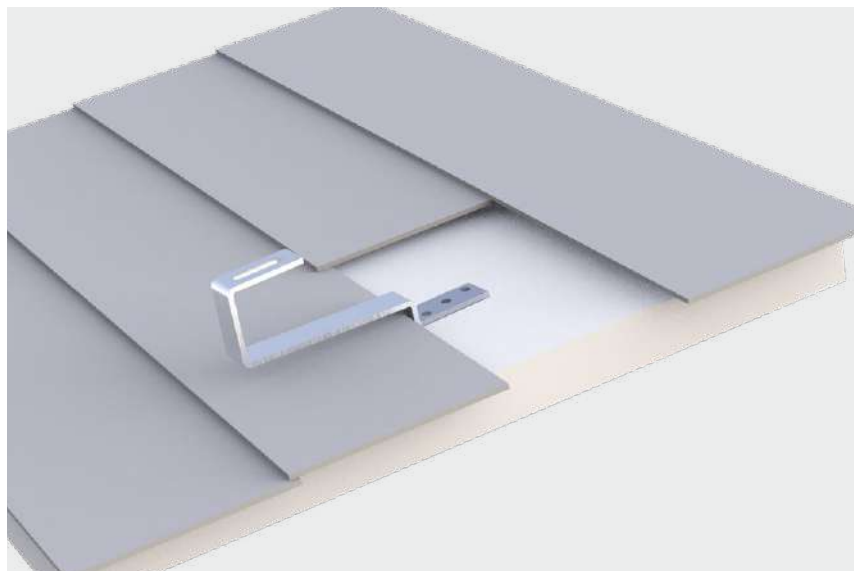
TECHNISCHE EIGENSCHAFTEN

MATERIAL: EDELSTAHL AISI 304

- BIEGEELASTIZITÄT MODUL: 196000 N/MM²
- ZUGFESTIGKEIT: 515 N/MM²

MATERIAL: GALVANISierter STAHL

- ZUGFESTIGKEIT: 440 N/MM²
- BEHANDLUNG: FEUERVERZINKEN



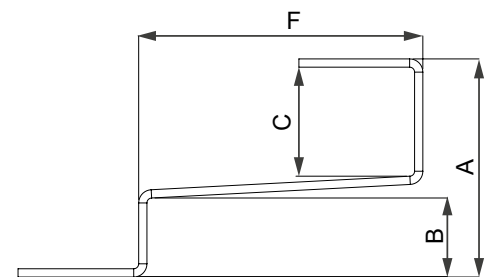
BENT
TILES



FLAT
SHINGLE



FLAGSTONE
SHINGLE



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
132	47	66	30	245	165

STAINLESS STEEL CODE	DESCRIPTION
11110710	HSTL SUPPORT 127/47-66
11110710BOX	HSTL 127/47-66 SUPPORT - BOX 10pcs.
GALVANIZED CODE	DESCRIPTION
11110710Z	HSTL SUPPORT 127/47-66
11110710ZBOX	HSTL 127/47-66 SUPPORT - BOX 10pcs.

Datasheet



HSTL 60

MADE IN ITALY

SUPPORT FOR FIXING ON ROOFS



TECHNICAL SPECIFICATIONS

- HOOK DIMENSIONS 30 MM X TH. 5MM
- NR.3 Ø9 HOLES PREPARED FOR PLATE FIXING

MATERIAL: AISI 304 STAINLESS STEEL

- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²

- TENSILE STRENGTH: 515 N/MM²

MATERIAL: GALVANISED STEEL

- TENSILE STRENGTH: 440 N/MM²
- TREATMENT: HOT DIP GALVANISING

SUPPORT POUR FIXATION SUR LES TOITS



CARACTÉRISTIQUES TECHNIQUES

- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 3 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

MATÉRIAU : ACIER INOX AISI 304

- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²

- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²

MATÉRIAU : ACIER GALVANISÉ

- RÉSISTANCE À LA TRACTION : 440 N/MM²
- TRAITEMENT : GALVANISATION À CHAUD

STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN



TECHNISCHE EIGENSCHAFTEN

- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.3 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG

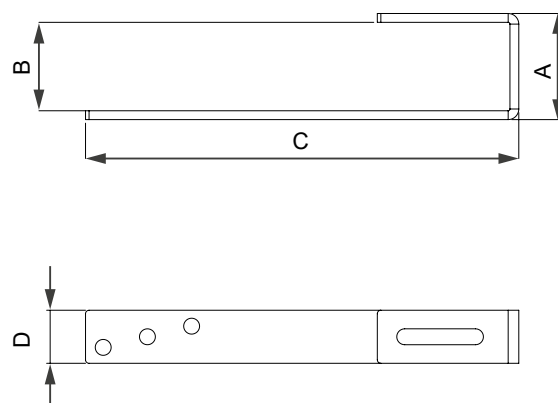
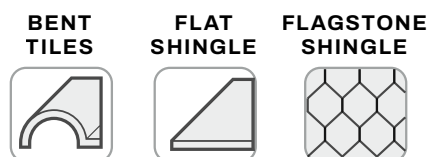
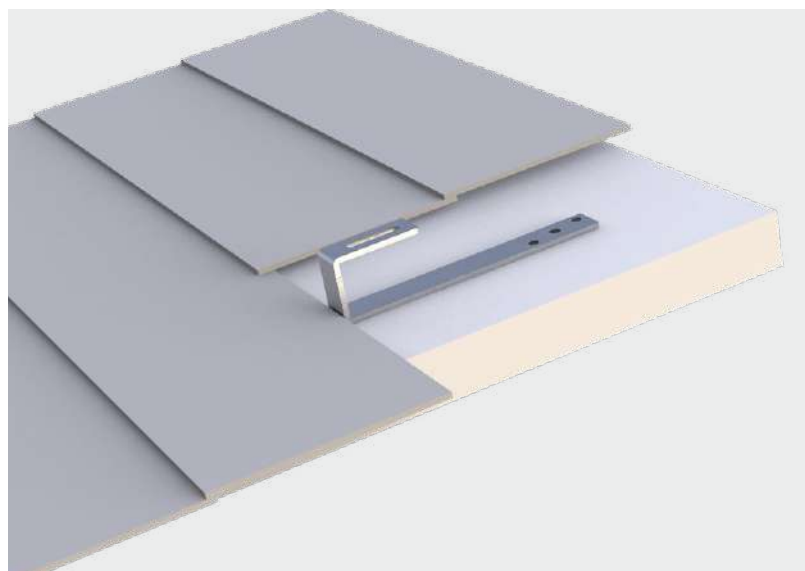
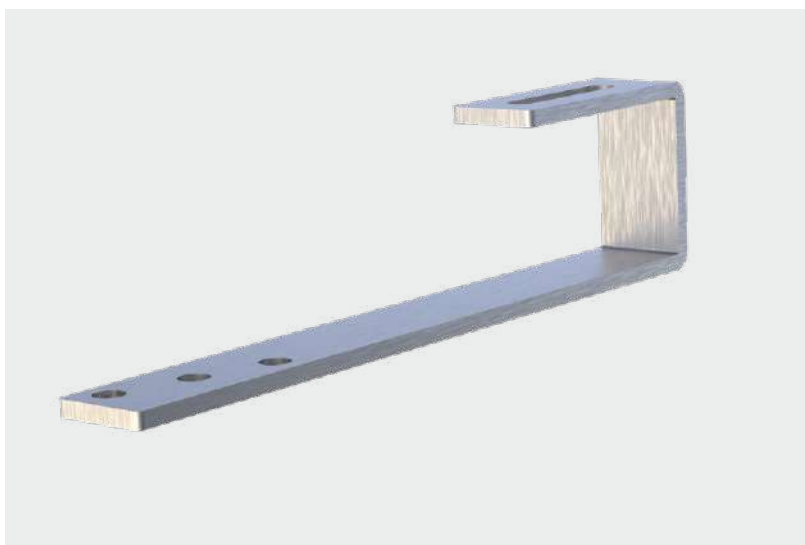
MATERIAL: EDELSTAHL AISI 304

- BIEGEELASTIZITÄT MODUL: 196000 N/MM²

- ZUGFESTIGKEIT: 515 N/MM²

MATERIAL: GALVANISIRTER STAHL

- ZUGFESTIGKEIT: 440 N/MM²
- BEHANDLUNG: FEUERVERZINKEN



A [mm]	B [mm]	C [mm]	D [mm]
60	50	245	30

STAINLESS STEEL CODE	DESCRIPTION
11110707	HSTL 60 SUPPORT
11110707BOX	HSTL 60 SUPPORT - BOX 10pcs.
GALVANIZED CODE	DESCRIPTION
11110707Z	HSTL 60 SUPPORT
11110707ZBOX	HSTL 60 SUPPORT - BOX 10pcs.

Datasheet



HSTT 105/20-62

MADE IN ITALY

SUPPORT FOR FIXING ON ROOFS



TECHNICAL SPECIFICATIONS

- HOOK DIMENSIONS 30 MM X TH. 5MM
- NR.3 Ø9 HOLES PREPARED FOR PLATE FIXING

MATERIAL: AISI 304 STAINLESS STEEL

- FLEXURAL MODULUS OF ELASTICITY: 196000 N/MM²

- TENSILE STRENGTH: 515 N/MM²

MATERIAL: GALVANISED STEEL

- TENSILE STRENGTH: 440 N/MM²
- TREATMENT: HOT DIP GALVANISING

SUPPORT POUR FIXATION SUR LES TOITS



CARACTÉRISTIQUES TECHNIQUES

- TAILLE CROCHET 30 MM X ÉP. 5 MM
- 3 TROUS Ø 9 PRÉPARÉ POUR LA FIXATION DE LA PLAQUE

MATÉRIAU : ACIER INOX AISI 304

- MODULE D'ÉLASTICITÉ EN FLEXION : 196000 N/MM²

- CHARGE DE RUPTURE EN TRACTION : 515 N/MM²

MATÉRIAU : ACIER GALVANISÉ

- RÉSISTANCE À LA TRACTION : 440 N/MM²
- TRAITEMENT : GALVANISATION À CHAUD

STÜTZE ZUR BEFESTIGUNG AUF DÄCHERN



TECHNISCHE EIGENSCHAFTEN

- HAKENABMESSUNGEN 30 MM X ST. 5MM
- NR.3 LÖCHER Ø9 VORBEREITET FÜR DIE PLATTENBEFESTIGUNG

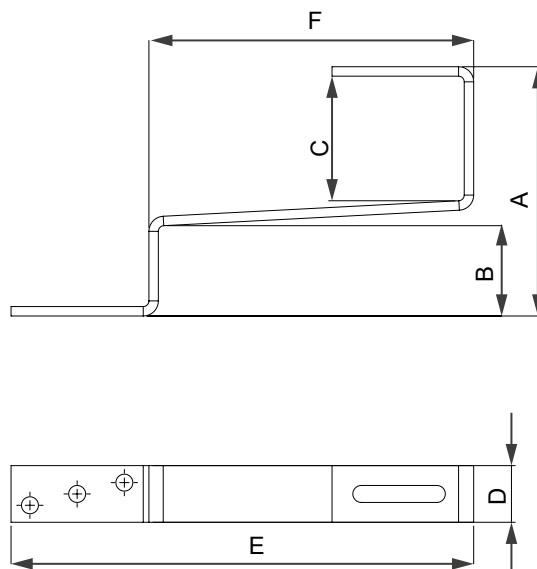
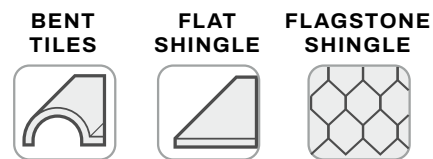
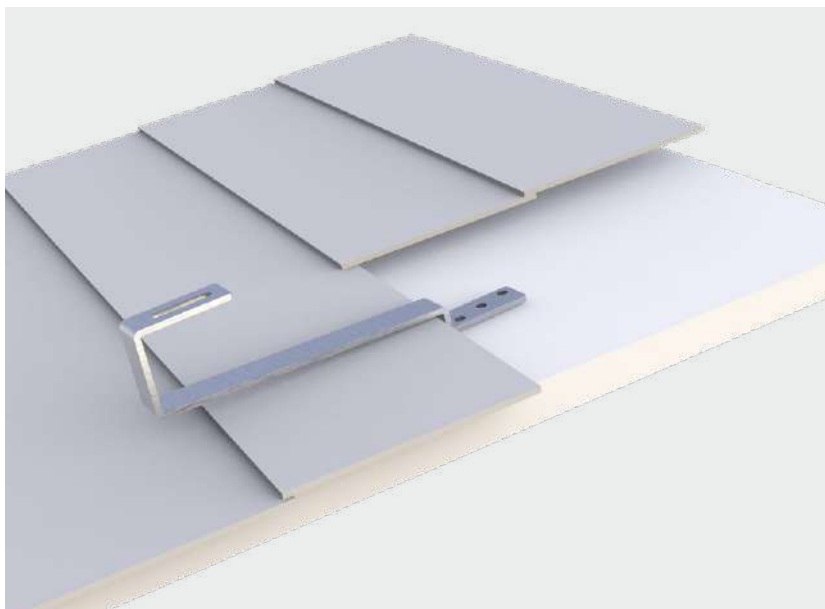
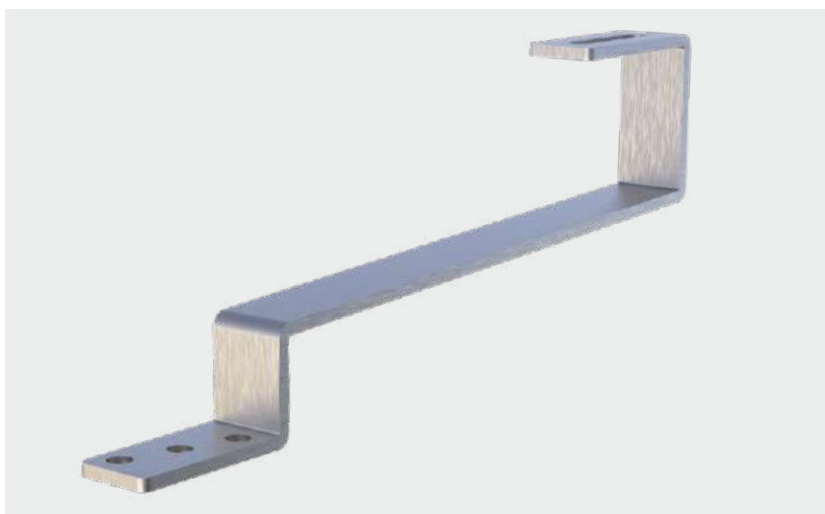
MATERIAL: EDELSTAHL AISI 304

- BIEGEELASTIZITÄT MODUL: 196000 N/MM²

- ZUGFESTIGKEIT: 515 N/MM²

MATERIAL: GALVANISierter STAHL

- ZUGFESTIGKEIT: 440 N/MM²
- BEHANDLUNG: FEUERVERZINKEN



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
105	20	62	30	325

STAINLESS STEEL CODE	DESCRIPTION
11110708	HSTL SUPPORT 105/20-62
11110708BOX	HSTL 105/20-62 SUPPORT - BOX 10pcs.
GALVANIZED CODE	DESCRIPTION
11110708Z	HSTL SUPPORT 105/20-62
11110708ZBOX	HSTL 105/20-62 SUPPORT - BOX 10pcs.

Datasheet



STP-1

MADE IN ITALY

SUPPORT FOR FLAT ROOFING TILE



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5 MM
- WEIGHT: 0,48G
- 3X Ø9 HOLES FOR ROOF FASTENING

SUPPORT POUR CARRAGE PLAT



CARACTÉRISTIQUES TECHNIQUES

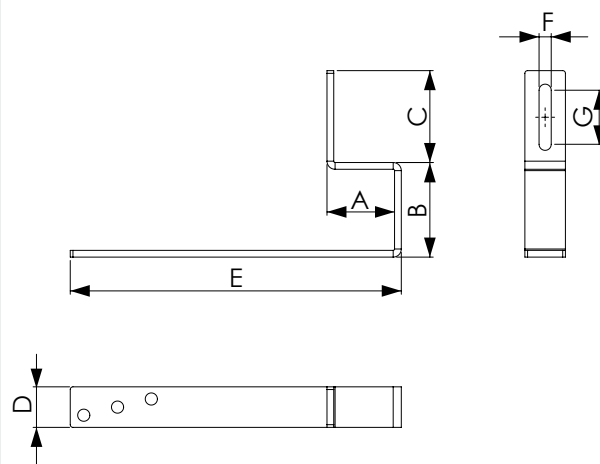
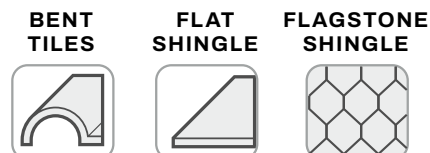
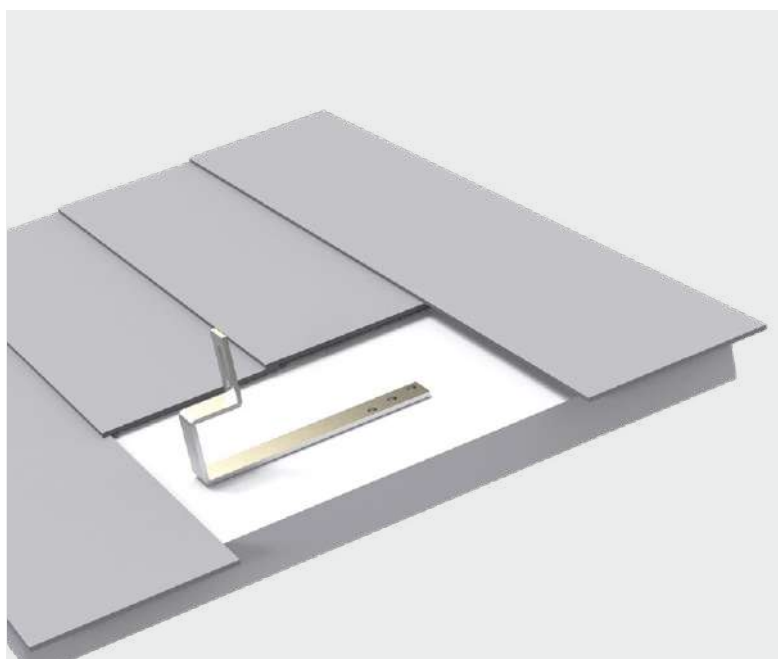
- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM
- POIDS : 0,48G
- 3X Ø9 PERCES POUR FIXATION DU TOIT

STÜTZE FÜR FLACHDACHZIEGEL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- DICKE: 5 MM
- GEWICHT: 0,48G
- 3X Ø9 BOHRUNGEN ZUR DACHMONTAGE



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
50	70	68	30	245	9	40

CODE	DESCRIPTION
FVD300008	STP-1 FLAT TILE SUPPORT
FVD300008BOX	STP-1 FLAT TILE SUPPORT - BOX OF 10 PCS

Datasheet



HSLG

MADE IN ITALY

SUPPORT FOR FIXING ON PITCHED ROOF



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- LOWER FIXING
- M8 BOLT SLOTS
- CUSTOMIZABLE ON REQUEST

SUPPORT POUR FIXATION SUR LES TOITS EN TÔLE NERVURÉE



CARACTÉRISTIQUES TECHNIQUES

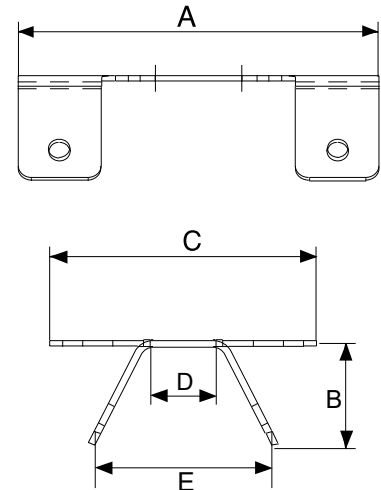
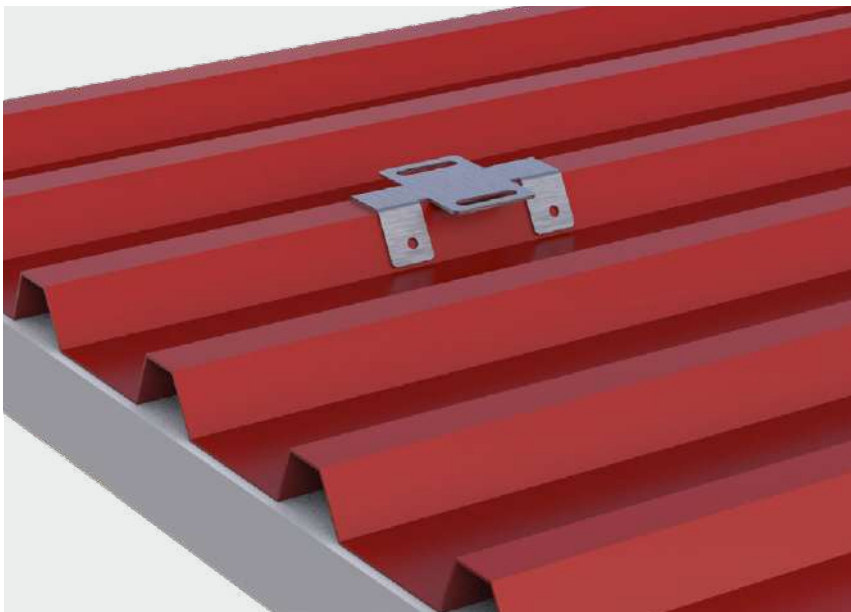
- MATÉRIAU : ACIER INOX AISI 304
- FIXATION INFÉRIEURE
- FENTES POUR BOULON M8
- PERSONNALISABLE SUR DEMANDE

HALTERUNG ZUR BEFESTIGUNG AUF DÄCHERN AUS WELLBLECH



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- UNTERE BEFESTIGUNG
- M8-BOLZENSCHLITZE
- AUF ANFRAGE ANPASSBAR



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	HOLE [mm]
108	27	80	22	49	Ø 6

CODE	DESCRIPTION
11110722	LOWER FIXING SUPPORT
11110722BOX	LOWER FIXING SUPPORT - BOX 50pcs.

Datasheet



CLAMP TYPE SUPPORT FOR STANDING SEAM SHEET METAL



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304
- THICKNESS: 2MM
- NO.2 HOLES Ø9 FOR ROOF MOUNTING

SUPPORT À PINCE POUR TÔLE SERTIE



CARACTÉRISTIQUES TECHNIQUES

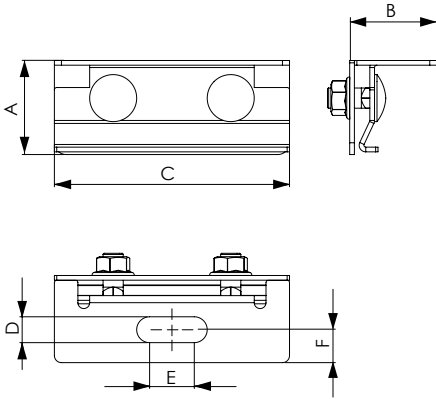
- MATÉRIAU : AISI 304
- ÉPAISSEUR : 2 MM
- 2 TROUS Ø9 POUR FIXATION SUR LE TOIT

KLAMMERTYP HALTERUNG FÜR STEHFALZBLECHE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: AISI 304
- DICKE: 2MM
- NR. 2 LÖCHER Ø9 FÜR DACHMONTAGE



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
40	37	100	11	19	14
CODE	DESCRIPTION				
FVD200021	CLAMP TYPE SUPPORT FOR STANDING SEAM SHEET METAL				
FVD200021BOX	CLAMP TYPE SUPPORT FOR STANDING SEAM SHEET METAL - BOX 50pcs.				

Datasheet



HSMLA

MADE IN ITALY

CLAMP TYPE SUPPORT FOR STANDING SEAM SHEET METAL



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- COMPLETE WITH SHC SCREW M8 X 20, WASHER AND SELF-LOCKING M8 NUT
- IN A2 STAINLESS STEEL

SUPPORT À PINCE POUR TÔLE SERTIE



CARACTÉRISTIQUES TECHNIQUES

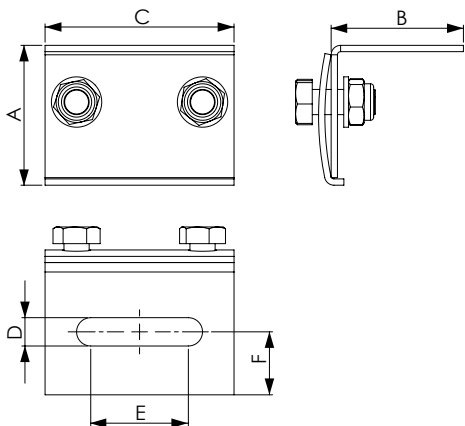
- MATÉRIAU : ACIER INOX AISI 304
- FOURNI AVEC VIS TE M8 X 20, RONDELLE ET ÉCROU M8 ÉCROU AUTOBLOQUANT
- EN ACIER INOXYDABLE A2

KLAMMERTYP HALTERUNG FÜR STEHFALZBLECHE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- KOMPLETT MIT SHC-SCHRAUBE M8 X 20, UNTERLEGSCHIEBE UND SELBSTSICHERENDER MUTTER M8
- AUS A2 EDELSTAHL

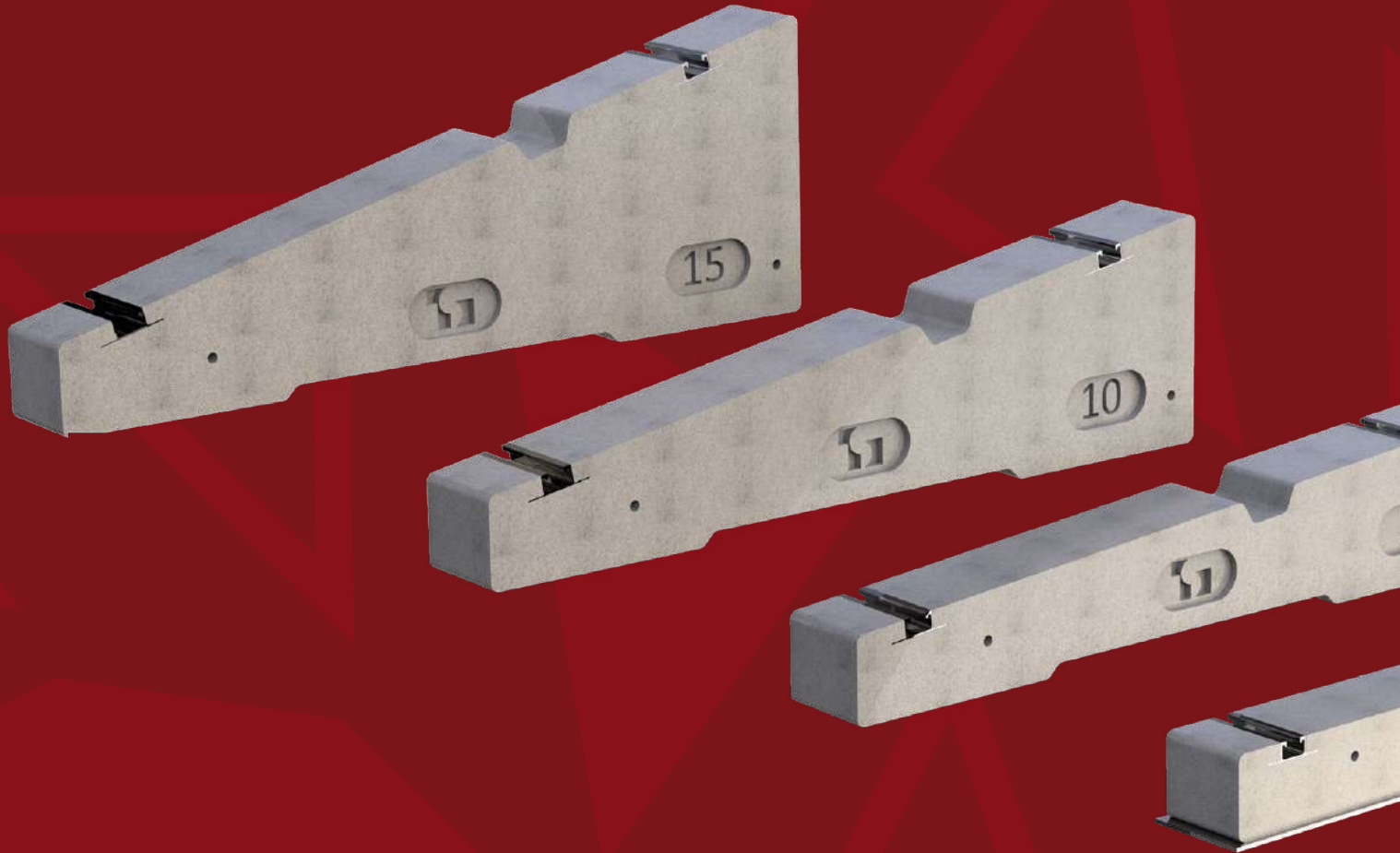


A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
42	42	60	9	30	20
CODE	DESCRIPTION				
11110730	HSMLA CLAMP TYPE SUPPORT FOR STANDING SEAM SHEET METAL				
11110730BOX	HSMLA CLAMP TYPE SUPPORT FOR STANDING SEAM SHEET METAL - BOX 50pcs.				

Datasheet



TRIANGULAR SUPPORTS AND BALLASTS FOR FLAT ROOFS





ATLANTE
HORIZONTAL



ATLANTE
VERTICAL

CONCRETE BALLAST FOR FLAT ROOFS
0° - 5° - 10° - 15°



TECHNICAL SPECIFICATIONS

- MATERIAL: CONCRETE
- FVP 200 ALUMINIUM PROFILES INCLUDED
- IDEAL FOR HORIZONTALLY LAID PHOTOVOLTAIC AND SOLAR THERMAL PANELS
- HOLES AVAILABLE FOR ANCHOR DOWELS

BALLAST EN CIMENT INCLINÉ POUR TOITS PLATS
0° - 5° - 10° - 15°



CARACTÉRISTIQUES TECHNIQUES

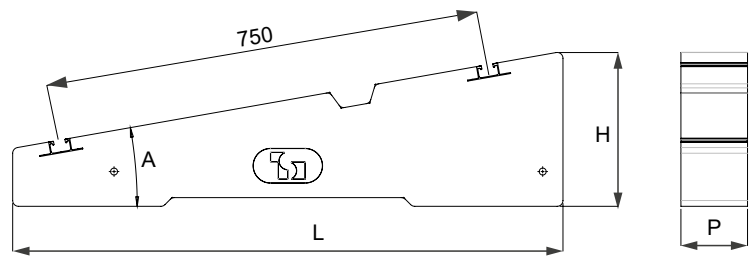
- MATÉRIAU : MÉLANGE DE BÉTON
- PROFILÉS EN ALUMINIUM FVP 200 INCLUS
- IDÉAL POUR LES PANNEAUX SOLAIRES PHOTOVOLTAÏQUES ET THERMIQUES INSTALLÉS HORIZONTALEMENT
- TROUS PRÉVUS POUR LE MONTAGE DES CHEVILLES D'ANCRAGE

GEFÄGTE BETONBALLASTIERUNGEN FÜR FLACHDÄCHER
0° - 5° - 10° - 15°



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: BETON
- FVP 200 ALUMINIUMPROFILE IM LIEFERUMFANG ENTHALTEN
- IDEAL FÜR HORIZONTAL VERLEGTE PHOTOVOLTAIK- UND SOLARTHERMIEMODULE
- VORBEREITETE LÖCHER FÜR DIE MONTAGE VON ANKERDÜBELN



CODE	DESCRIPTION	L [mm]	P [mm]	H [mm]	A [°]	WEIGHT [kg]
FVD500011	FLAT CONCRETE BALLAST 0°	950	115	100	0°	23
FVD500009	SLOPING CONCRETE BALLAST 5°	950	115	183	5°	34
FVD500008	SLOPING CONCRETE BALLAST 10°	950	115	267	10°	45
FVD500010	SLOPING CONCRETE BALLAST 15°	950	115	354	15°	56

Datasheet

RUBBER MAT FOR BALLAST IN CEMENT IN EPDM



TAPIS EN CAOUTCHOUC POUR BALLAST EN CIMENT EN EPDM

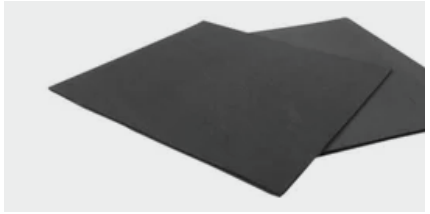


GUMMIMATTE FÜR BALLAST IN ZEMENT IN EPDM



CODE	DESCRIPTION
FVD600001	PAIR OF RUBBER MATS 280X130X5 mm FOR CONCRETE BALLAST (2 PCS)

Datasheet



BALLAST FOR VERTICAL PANELS 10° - 15°



TECHNICAL SPECIFICATIONS

- MATERIAL: VIBRATED AND REINFORCED CEMENT CONGLOMERATE
- ALUMINIUM PROFILES FVP 200 INCLUDED
- IDEAL FOR VERTICALLY INSTALLED PHOTOVOLTAIC AND THERMAL SOLAR PANELS
- PREPARED HOLES FOR ANCHORING ANCHORS
- MAXIMUM PANEL LENGTH 2.4 M

LEST POUR PANNEAUX VERTICAUX 10° - 15°



CARACTÉRISTIQUES TECHNIQUES

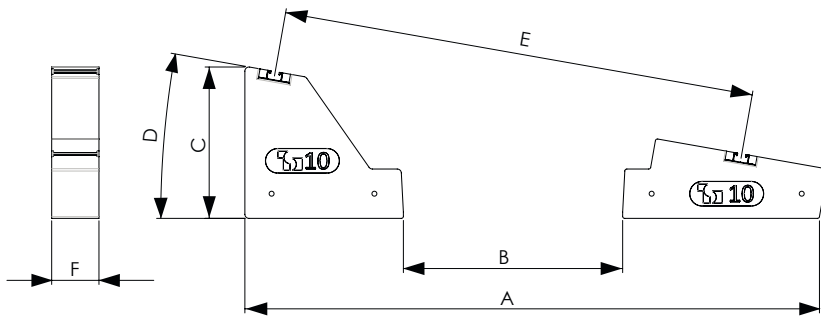
- MATÉRIEL : CONGLOMÉRAT DE CIMENT VIBRÉ ET RENFORCÉ
- PROFILS EN ALUMINIUM FVP 200 INCLUS
- IDÉAL POUR LES PANNEAUX PHOTOVOLTAÏQUES ET LES PANNEAUX SOLAIRES THERMIQUES INSTALLÉS VERTICALEMENT
- TROUS PRÉDISPOSÉS POUR MONTAGE CHEVILLES D'ANCRAGE
- LONGUEUR MAXIMALE DU PANNEAU 2,4 M

GEGENGEWICHT FÜR VERTIKALE PANELE 10° - 15°



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: VIBRIERTES UND VERSTÄRKTES ZEMENTKONGLOMERAT
- INKLUSIVE ALUMINIUMPROFILE FVP 200
- IDEAL FÜR PHOTOVOLTAIKMODULE UND SOLARPANELE, DIE VERTIKAL VERLEGT WERDEN
- VORBEREITETE BOHRUNGEN ZUR BEFESTIGUNG VON DÜBELN
- MAXIMALE LÄNGE DES MODULS 2,4 M



MADE IN ITALY

Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]	C [mm]	D [°]	E [mm]	F [mm]	WEIGHT [kg]	PANEL (L) max [mm]
FVD500013	BALLAST FOR VERTICAL PANELS 10°	1397	533	365	10	1152	115	45	2400
FVD500014	BALLAST FOR VERTICAL PANELS 15°	1374	533	515	15	1152	115	56	2400

JIG FOR LAYING BALLAST



TECHNICAL SPECIFICATIONS

- MATERIAL: ELECTRO-GALVANISED SHEET METAL
- MATERIAL: ELECTRO-GALVANISED SHEET METAL
- FACILITATES THE LAYING OF CONCRETE BALLASTS FOR FLAT ROOFS
- REUSABLE AFTER INSTALLATION

GABARIT DE POSE DE LESTS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : TÔLE ÉLECTRO-GALVANISÉE
- POIGNÉE INTÉGRÉE
- FACILITE L'INSTALLATION DES LESTS EN CIMENT POUR LES TOITS PLATS
- RÉUTILISABLE APRÈS L'INSTALLATION

SCHABLONE FÜR MONTAGE VON GEGENGEWICHTEN



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ELEKTROVERZINKTES BLECH
- INTEGRIERTER GRIFF
- EINFACHE VERLEGUNG DES GEGENGEWICHTS AUS BETON FÜR FLACHDÄCHER
- WIEDERVERWENDBAR NACH DER MONTAGE

FOR VERTICAL BALLAST

Datasheet



MADE IN ITALY

CODE	DESCRIPTION
FVD500015	JIG FOR LAYING BALLAST



ZEUS_R



FOOT DAMPERS FOR FLAT ROOFS MADE OF SBR VULCANIZED RUBBER



TECHNICAL SPECIFICATIONS

- MADE OF SBR VULCANISED RECYCLED RUBBER
- ADJUSTABLE HEIGHT FROM 130-150 MM
- NON-SLIP KNURLING ADJUSTMENT
- ADJUSTABLE JOINT
- NO. 2 SEATS FOR SPIRIT LEVEL INSERTION
- M8 X 30 SCREW
- HOLES FOR FLOOR FASTENING

SUPPORT AU PLANCHER EN SBR CAOUTCHOUC VULCANISÉ POUR TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

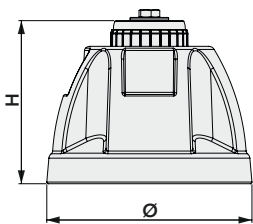
- FABRIQUÉ EN CAOUTCHOUC VULCANISÉ RECYCLÉ SBR
- HAUTEUR RÉGLABLE DE 130 - 150 MM
- RÉGLAGE AVEC MOLETAGE ANTIDÉRAPANT
- ARTICLE RÉGLABLE
- N° 2 PRÉDISPOSITIONS POUR INSERTION BULLE
- VIS DE FIXATION M8 X 30
- TROUS CONÇUS POUR LA FIXATION AU SOL

FUSSDÄMPFER FÜR FLACHDÄCHER AUS SBR VULKANISIERTEM GUMMI



TECHNISCHE EIGENSCHAFTEN

- HERGESTELLT AUS RECYCELTEM VULKANISIERTEM GUMMI SBR
- IN DER HÖHE VERSTELLBAR VON 130 - 150 MM
- VERSTELLUNG MIT RUTSCHFESTER RÄNDELUNG
- VERSTELLBARES GELENK
- NR. 2 EINRICHTUNGEN FÜR DEN EINSATZ DER WASSERWAAGE
- BEFESTIGUNGSSCHRAUBE M8 X 30
- BOHRUNGEN FÜR DIE BODENBEFESTIGUNG



Holes for floor fastening



AVAILABLE ON REQUEST



Datasheet



CODE	DESCRIPTION	DIMENSION		WEIGHT
		H [mm]	Ø [mm]	[kg]
SCD500350	ADJUSTABLE FLOOR FOOT MOD. ZEUS WITH M8 SCREW (PACK 4 PCS.)	130 / 150	160	500

CENTRAL SUPPORT BRACKET FOR PHOTOVOLTAIC PANEL



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 3 MM
- M8 SCREW IN STAINLESS STEEL
- TIGHTENING TORQUE <8NM

SUPPORT DE FIXATION CENTRAL POUR PANNEAU PHOTOVOLTAÏQUE



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 3 MM
- VIS M8 EN ACIER INOXYDABLE
- COUPLE DE SERRAGE <8NM

ZENTRALE HALTERUNG FÜR PHOTOVOLTAIK-MODUL

TECHNISCHE EIGENSCHAFTEN

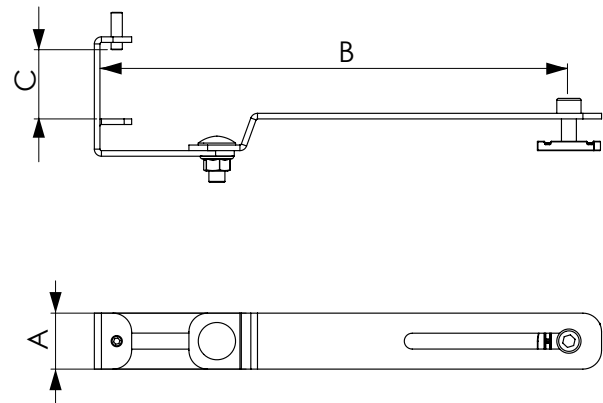
- MATERIAL: EDELSTAHL AISI 304
- DICKE: 3 MM
- M8-SCHRAUBE AUS EDELSTAHL
- ANZUGSMOMENT <8NM

FOR HORIZONTAL BALLASTS

Example installation with panels



Example of 10° installation on ballast



CODE	A [mm]	B [mm]	C [mm]	W clampable panel width [mm]
FVD200033	30	205 ÷ 250	25 ÷ 40	1115 ÷ 1245
FVD200034	30	205 ÷ 215	25 ÷ 40	1038 ÷ 1120
FVD200040	30	175 ÷ 315	25 ÷ 40	1140 ÷ 1350

CODE	DESCRIPTION
FVD200033	PAIR OF BRACKETS FOR CENTRAL SUPPORT OF PHOTOVOLTAIC PANEL "SSCB-1" (2 PCS)
FVD200033BOX	BRACKETS FOR CENTRAL SUPPORT OF PHOTOVOLTAIC PANEL "SSCB-1" - BOX of 10 PAIRS
FVD200034	PAIR OF BRACKETS FOR CENTRAL OF SUPPORT PHOTOVOLTAIC PANNEL "SSCB-2" (2 PCS)
FVD200034BOX	BRACKETS FOR CENTRAL SUPPORT OF PHOTOVOLTAIC PANNEL "SSCB-2" - BOX of 10 PAIRS
FVD200040	PAIR OF BRACKETS FOR CENTRAL OF SUPPORT PHOTOVOLTAIC PANNEL "SSCB-3" (2 PCS)
FVD200040BOX	BRACKETS FOR CENTRAL SUPPORT OF PHOTOVOLTAIC PANNEL "SSCB-3" - BOX of 10 PAIRS

Datasheet



HTR

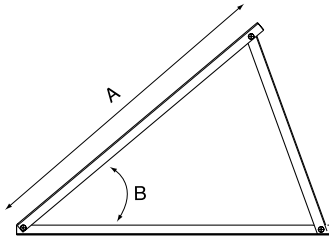
MADE IN ITALY

ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM 6060
- EXTRUDED WITH NON-SLIP KNURLING
- STAINLESS STEEL SCREWS
- EXTRUDED BOXED



ATTENTION: TO FIX FVP 400-300-250 PROFILES USE THE M835 FASTENER KIT (PAG. 87)

N.B. - INDICATE THE DESIRED INCLINATION IN THE ORDER

TRIANGLE DE SOUTIEN RÉGLABLE POUR TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALUMINIUM 6060
- EXTRUDÉS AVEC MOLETAGE ANTIDÉRAPANT
- VIS EN ACIER INOXYDABLE
- BOÎTE EXTRUDÉE

Datasheet



VERSTELLBARE DREIECKSTÜTZE FÜR FLACHDÄCHER



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUM 6060
- EXTRUDIERT MIT RUTSCHFESTER RÄNDELUNG
- EDELSTAHLSCRAUBEN
- EXTRUDIERT VERPACKT



CODE	A [mm]	B (DEGREES)
11110755	800	20°- 25°- 30°
11110759	800	35°- 40°
11110757	1600	20°- 25°- 30°
11110761	1600	35°- 40°
11110758	2000	20°- 25°- 30°
11110762	2000	35°- 40°

CODE	DESCRIPTION
11110755	HTR 800 ADJUSTABLE TRIANGULAR SUPPORT - 20°- 25°- 30°
11110759	HTR 800 ADJUSTABLE TRIANGULAR SUPPORT - 35°- 40°
11110757	HTR 1600 ADJUSTABLE TRIANGULAR SUPPORT - 20°-25°-30°
11110761	HTR 1600 ADJUSTABLE TRIANGULAR SUPPORT - 35°- 40°
11110758	HTR 2000 ADJUSTABLE TRIANGULAR SUPPORT - 20°- 25°- 30°
11110762	HTR 2000 ADJUSTABLE TRIANGULAR SUPPORT - 35°- 40°

FTPR

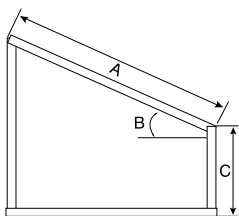
MADE IN ITALY

ADJUSTABLE TRAPEZOIDAL SUPPORT FOR FLAT SURFACES



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM 6060
- EXTRUDED WITH NON-SLIP KNURLING
- STAINLESS STEEL SCREWS
- EXTRUDED BOXED



TRAPÈZE RÉGLABLE DE SOUTIEN POUR SURFACES PLANES



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALUMINIUM 6060
- EXTRUDÉS AVEC MOLETAGE ANTIDÉRAPANT
- VIS EN ACIER INOXYDABLE
- BOÎTE EXTRUDÉE



Datasheet

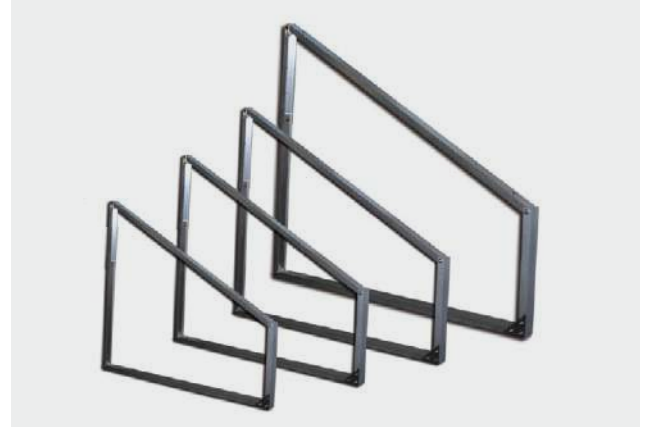


VERSTELLBARE TRAPEZSTÜTZE FÜR EBENE FLÄCHEN



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUM 6060
- EXTRUDIERT MIT RUTSCHFESTER RÄNDELUNG
- EDELSTAHLSCRAUBEN
- EXTRUDIERT VERPACKT



CODE	A [mm]	B [mm]	C [mm]
11111041	1600	20°-25°-30°-35°-40°	500
11111042	2000	20°-25°-30°-35°-40°	500

ATTENTION: TO FIX FVP 400-300-250 PROFILES USE THE M835 FASTENER KIT (PAG. 98)

N.B. - INDICATE THE DESIRED INCLINATION IN THE ORDER

CODE	A [mm]	B [mm]	C [mm]
11111041	1600	20°- 25°- 30°	500
11111042	2000	20°- 25°- 30°	500

CODE	DESCRIPTION
11111041	FTPR 1600 ADJUSTABLE TRAPEZOIDAL SUPPORT
11111042	FTPR 2000 ADJUSTABLE TRAPEZOIDAL SUPPORT

HTL

MADE IN ITALY

ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM 6060
- L-PROFILE 40X40
- STAINLESS STEEL SCREWS

TRIANGLE DE SOUTIEN RÉGLABLE POUR TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

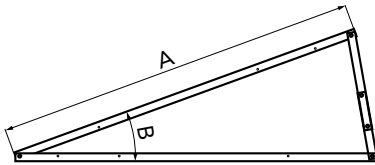
- MATÉRIAU : ALUMINIUM 6060
- PROFILÉ EN FORME DE L 40X40
- VIS EN ACIER INOXYDABLE

VERSTELLBARE DREIECKSTÜTZE FÜR FLACHDÄCHER



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUM 6060
- L-PROFIL 40X40
- EDELSTAHLSCRAUBEN



Datasheet



N.B. - INDICATE THE DESIRED INCLINATION IN THE ORDER

CODE	A [mm]	B (DEGREES)	CODE	DESCRIPTION
FVD500002	1800	10-15-20°	FVD500002	HTL1800 ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOF 10-15-20°
FVD500003	1800	25-30-35°	FVD500003	HTL1800 ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOF 25-30-35°
FVD500004	2000	10-15-20°	FVD500004	HTL2000 ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOF 10-15-20°
FVD500005	2000	25-30-35°	FVD500005	HTL2000 ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOF 25-30-35°
FVD500006	2200	10-15-20°	FVD500006	HTL2200 ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOF 10-15-20°
FVD500007	2200	25-30-35°	FVD500007	HTL2200 ADJUSTABLE TRIANGULAR SUPPORT FOR FLAT ROOF 25-30-35°

HTF

MADE IN ITALY

FIXED TRIANGULAR SUPPORT FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM 6060
- L-PROFILE 40X40
- STAINLESS STEEL SCREWS

TRIANGLE DE SUPPORT FIXE POUR TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALUMINIUM 6060
- PROFILÉ EN FORME DE L 40X40
- VIS EN ACIER INOXYDABLE

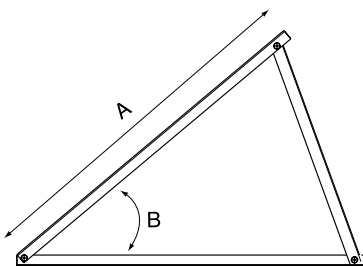
FESTSTEHENDE DREIECKSTÜTZE FÜR FLACHDÄCHER



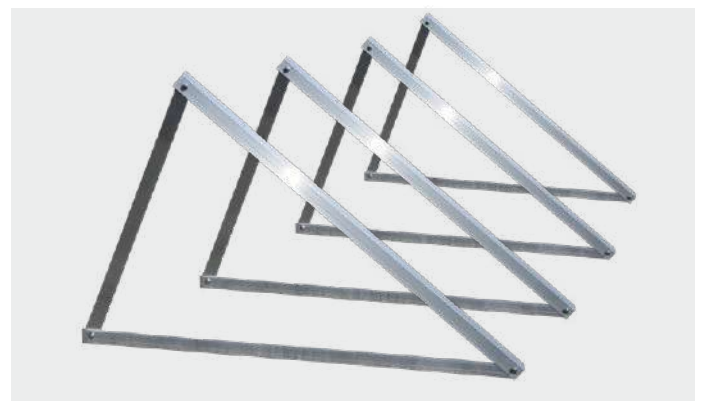
TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUM 6060
- L-PROFIL 40X40
- EDELSTAHLSCRAUBEN

✓ INCLINATIONS AVAILABLE ON REQUEST



Datasheet



N.B. - INDICATE THE DESIRED INCLINATION IN THE ORDER

CODE	A[mm]	B (GRADI)	CODE	DESCRIPTION
11110771	800	DA 20° A 40°	11110771	HTF 800 TRIANGULAR SUPPORT FOR FLAT ROOFS AT 30°
11110772	1200	DA 20° A 40°	11110772	HTF 1200 TRIANGULAR SUPPORT FOR FLAT ROOFS AT 30°
11110773	1600	DA 20° A 40°	11110773	HTF 1600 TRIANGULAR SUPPORT FOR FLAT ROOFS AT 30°
11110774	2000	DA 20° A 40°	11110773P1	HTF 1600 TRIANGULAR SUPPORT FOR FLAT ROOFS INCL. 20°
			11110774	HTF 2000 TRIANGULAR SUPPORT FOR FLAT ROOFS AT 30°

HTF 30

MADE IN ITALY

TRIANGULAR SUPPORT FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- "L" PROFILE 40 X 40
- STAINLESS STEEL SCREWS
- PRE-DRILLED FOR FASTENING FV PROFILES

TRIANGLE DE SOUTIEN POUR LES TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

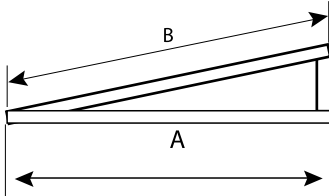
- MATERIAL: ALUMINIUMLEGIERUNG 6060
- "L" PROFIL 40 X 40
- EDELSTAHLSCHRAUBEN
- VORGEBOHRT ZUR BEFESTIGUNG VON FV-PROFILIEN

DREIECKSSTÜTZE FÜR FLACHDÄCHER

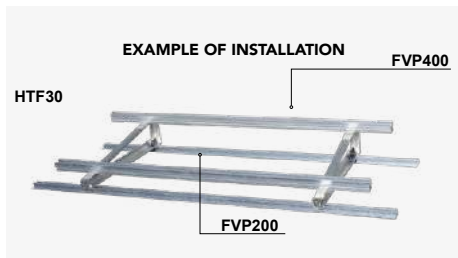


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUM 6060
- L-PROFIL 40X40
- EDELSTAHLSCHRAUBEN



CODE	A [mm]	B [mm]
11110768	800	800



✓ FOR BALLASTING OR FIXING TO ROOF

TRIANGULAR SUPPORT TO BE FIXED ON PROFILES max 30 cm. from surface

Datasheet



CODE	DESCRIPTION
11110768	HTF30 TRIANGULAR SUPPORT FOR FLAT ROOFS

HTF 30L

MADE IN ITALY

TRIANGULAR SUPPORT FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- "L" PROFILE 40 X 40
- STAINLESS STEEL SCREWS
- PRE-DRILLED FOR FASTENING FV PROFILES

TRIANGLE DE SOUTIEN POUR LES TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

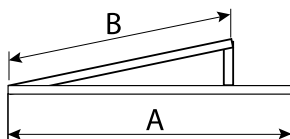
- MATERIAL: ALUMINIUMLEGIERUNG 6060
- "L" PROFIL 40 X 40
- EDELSTAHLSCHRAUBEN
- VORGEBOHRT ZUR BEFESTIGUNG VON FV-PROFILIEN

DREIECKSSTÜTZE FÜR FLACHDÄCHER

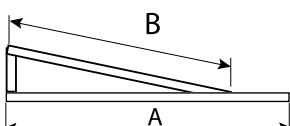


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUM 6060
- L-PROFIL 40X40
- EDELSTAHLSCHRAUBEN



REVERSIBLE



CODE	A[mm]	B [mm]
11110770	1200	800

Datasheet



FOR BALLASTING OR FIXING TO ROOF

✓ FOR BALLASTING OR FIXING TO ROOF

EXAMPLE INSTALLATION WITH BALLASTED HTF30L AND PROFILE FVP400



CODE	DESCRIPTION
11110770	HTF30L TRIANGULAR SUPPORT FOR FLAT ROOFS



HTF 2/30

MADE IN ITALY

TRIANGULAR SUPPORT FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- "L" PROFILE 40 X 40
- STAINLESS STEEL SCREWS
- PRE-DRILLED FOR FASTENING FVP PROFILES

TRIANGLE DE SOUTIEN POUR LES TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- PROFILÉ EN FORME DE L 40 X 40
- VIS EN ACIER INOXYDABLE
- PRÉ-PERCÉ POUR LA FIXATION DES PROFILÉS FVP

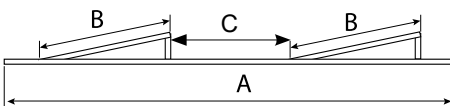
DREIECKSSTÜTZE FÜR FLACHDÄCHER



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- "L" PROFIL 40 X 40
- EDELSTAHLSCRAUBEN
- VORGEBOHRT ZUR BEFESTIGUNG VON FVP-PROFILEN

EXAMPLE INSTALLATION WITH BALLASTED HTF2/30 AND PROFILE FVP400



CODE	A [mm]	B [mm]	C [mm]
11110769	2900	800	560

CODE	DESCRIPTION
11110769	HTF2/30 TRIANGULAR SUPPORT FOR FLAT ROOFS

FOR BALLASTING OR FIXING TO ROOF
max 30 cm. from surface

Datasheet



HTF 3/30

MADE IN ITALY

TRIANGULAR SUPPORT WITH VERTICAL FIXING FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- "L" PROFILE 40 X 40
- STAINLESS STEEL SCREWS
- PRE-DRILLED FOR FASTENING FVP PROFILES

TRIANGLE DE SOUTIEN AVEC FIXATION VERTICALE POUR LES TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- PROFILÉ EN FORME DE « L » 40 X 40
- VIS EN ACIER INOXYDABLE
- PRÉ-PERCÉ POUR LA FIXATION DES PROFILÉS FVP

DREIECKSSTÜTZE MIT VERTIKALER BEFESTIGUNG FÜR FLACHDÄCHER

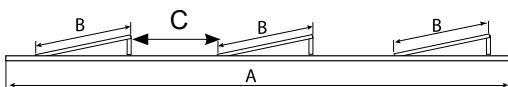


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- "L" PROFIL 40 X 40
- EDELSTAHLSCRAUBEN
- VORGEBOHRT ZUR BEFESTIGUNG VON FVP-PROFILEN

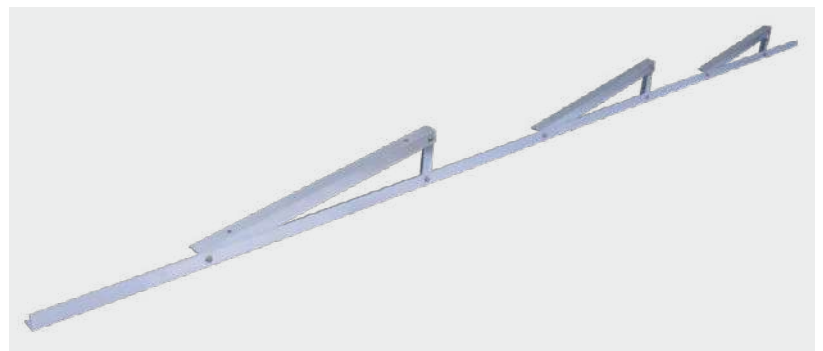
HORIZONTAL ASSEMBLY OF MODULES

FOR BALLASTING OR FIXING TO ROOF
max 30 cm. from surface



CODE	A [mm]	B [mm]	C [mm]
11110775	4370	800	560

EXAMPLE OF BALLAST INSTALLATION:



DISTANCE BETWEEN PANELS: ABOUT 50 CM. FOR WALKWAY (CONSIDERING MODULE DIMENSIONS 1000x1600)



CODE	DESCRIPTION
11110775	HTF3/30 TRIPLE TRIANGULAR SUPPORT FOR FLAT ROOFS

Datasheet



HTF 1V/30L

MADE IN ITALY

TRIANGULAR SUPPORT WITH VERTICAL FIXING FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- "L" PROFILE 40 X 40
- STAINLESS STEEL SCREWS
- PRE-DRILLED FOR FASTENING FVP PROFILES

TRIANGLE DE SOUTIEN AVEC FIXATION VERTICALE POUR LES TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- PROFILÉ EN FORME DE « L » 40 X 40
- VIS EN ACIER INOXYDABLE
- PRÉ-PERCÉ POUR LA FIXATION DES PROFILÉS FVP

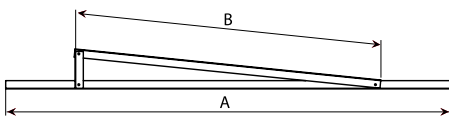
DREIECKSSTÜTZE MIT VERTIKALER BEFESTIGUNG FÜR FLACHDÄCHER



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- "L" PROFIL 40 X 40
- EDELSTAHLSCHRAUBEN
- VORGEBOHRT ZUR BEFESTIGUNG VON FVP-PROFILIEN

✓ INCLINATION 7°



CODE	A [mm]	B [mm]
11110788	2170	1500

EXAMPLE INSTALLATION WITH HTF1V/30L BALLASTED AND PROFILE FVP400



Datasheet



CODE	DESCRIPTION
11110788	HTF 1V/30L TRIANGULAR SUPPORT WITH VERTICAL FIXING FOR FLAT ROOFS

HTF 2V/30

MADE IN ITALY

TRIANGULAR SUPPORT WITH VERTICAL FIXING FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- "L" PROFILE 40 X 40
- STAINLESS STEEL SCREWS
- PRE-DRILLED FOR FASTENING FVP PROFILES

TRIANGLE DE SOUTIEN AVEC FIXATION VERTICALE POUR LES TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- PROFILÉ EN FORME DE « L » 40 X 40
- VIS EN ACIER INOXYDABLE
- PRÉ-PERCÉ POUR LA FIXATION DES PROFILÉS FVP

DREIECKSSTÜTZE MIT VERTIKALER BEFESTIGUNG FÜR FLACHDÄCHER

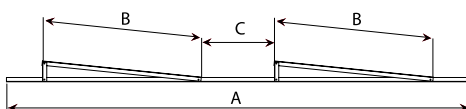


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- "L" PROFIL 40 X 40
- EDELSTAHLSCHRAUBEN
- VORGEBOHRT ZUR BEFESTIGUNG VON FVP-PROFILIEN

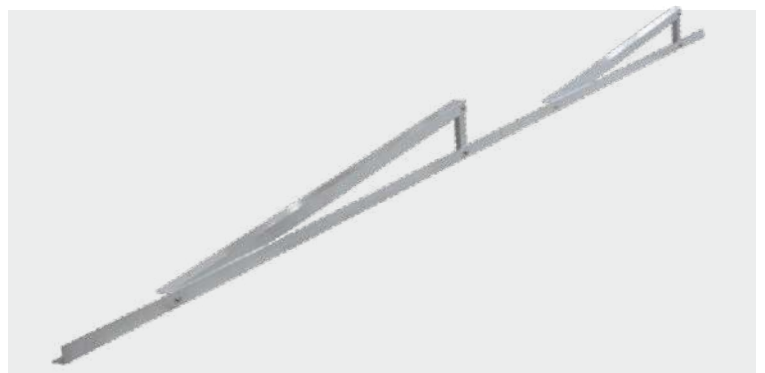
✓ INCLINATION 7°

FOR BALLASTING OR FIXING TO ROOF
max 30 cm. from surface



CODE	A [mm]	B [mm]	C [mm]
11110789	4350	1500	688

EXAMPLE INSTALLATION WITH HTF1V/30L BALLASTED AND PROFILE FVP400



Datasheet



CODE	DESCRIPTION
11110789	HTF 2V/30 TRIANGULAR SUPPORT WITH VERTICAL FIXING FOR FLAT ROOFS

HTF 3V/30L

MADE IN ITALY

TRIANGULAR SUPPORT WITH VERTICAL FIXING FOR FLAT ROOFS



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- "L" PROFILE 40 X 40
- STAINLESS STEEL SCREWS
- PRE-DRILLED FOR FASTENING FVP PROFILES

TRIANGLE DE SOUTIEN AVEC FIXATION VERTICALE POUR LES TOITS PLATS



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- PROFILÉ EN FORME DE « L » 40 X 40
- VIS EN ACIER INOXYDABLE
- PRÉ-PERCÉ POUR LA FIXATION DES PROFILÉS FVP

DREIECKSSTÜTZE MIT VERTIKALER BEFESTIGUNG FÜR FLACHDÄCHER

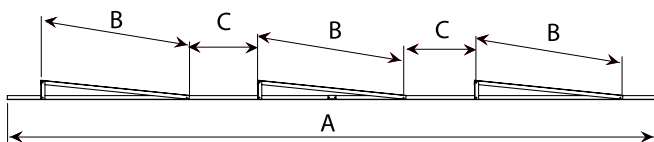
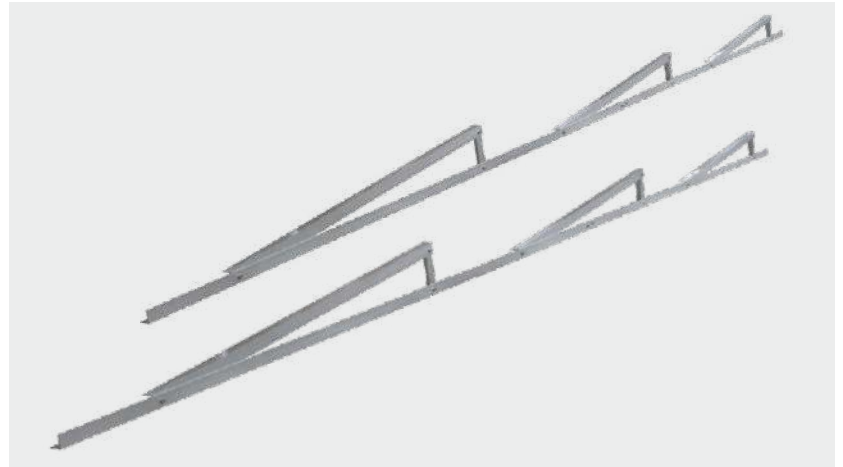


TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- "L" PROFIL 40 X 40
- EDELSTAHLSCRAUBEN
- VORGEBOHRT ZUR BEFESTIGUNG VON FVP-PROFILIEN

✓ VERTICAL ASSEMBLY OF MODULES

FOR BALLASTING OR FIXING TO ROOF
max 30 cm. from surface



CODE	A [mm]	B [mm]	C [mm]
11110790	6530	1500	688

Datasheet



CODE	DESCRIPTION
11110790	HTF 3V/30 TRIANGULAR SUPPORT WITH VERTICAL FIXING FOR FLAT ROOFS

CIRCULAR BALLAST FOR TRIANGULAR SUPPORTS



TECHNICAL SPECIFICATIONS

- CONCRETE BASES TO BE USED AS A SUPPORT
- BALLAST FOR PHOTOVOLTAIC PANELS AND SOLAR-THERMAL PANELS

BALLAST CIRCULAIRE POUR LES TRIANGLES



CARACTÉRISTIQUES TECHNIQUES

- SOCLE EN BÉTON DESTINÉ À UTILISER COMME SUPPORT
- BALLAST POUR PANNEAUX PHOTOVOLTAÏQUES ET PANNEAUX SOLAIRES THERMIQUES

RUNDER BALLAST FÜR DREIECKSSTÜTZEN



TECHNISCHE EIGENSCHAFTEN

- BETONSOCKEL, DIE ALS STÜTZE VERWENDET WERDEN
- BALLAST FÜR PHOTOVOLTAIKMODULE UND SOLAR-THERMIEMODULE

MADE IN ITALY



ALL BALLASTS ARE EQUIPPED WITH HOUSINGS FOR PROFILES AND TRIANGULAR SUPPORTS

Datasheet



CODE	DESCRIPTION	DIMENSIONS [cm]	WEIGHT [kg]
11110739	CIRCULAR BALLAST 62 FOR TRIANGULAR SUPPORTS	Ø 60 TH. 10	62
11110748	CIRCULAR BALLAST 25 FOR TRIANGULAR SUPPORTS	Ø 40 TH. 9.5	25

HTF

MADE IN ITALY

BUFFER FOR TRIANGULAR SUPPORTS

TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- EQUIPPED WITH PRE-DRILLED HOLES FOR FAST FIXING

CACHE POUR TRIANGLES

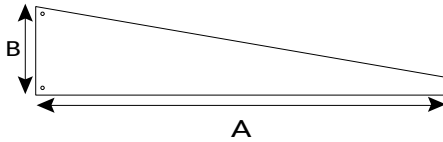
CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- ÉQUIPÉ DE TROUS PRÉ-PERCÉS POUR UNE FIXATION RAPIDE

PUFFER FÜR DREIECKIGE STÜTZEEN

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- AUSGESTATTET MIT VORGEBOHRTEN LÖCHERN FÜR EINE SCHNELLE BEFESTIGUNG



Datasheet



CODE	DESCRIPTION	A [mm]	B [mm]
11110781	BUFFER FOR TRIANGULAR SUPPORTS "HTF"	790	175

HGCPs

MADE IN ITALY

ARTICULATED COUPLING FOR FVP 400/300 PROFILES

TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304 STAINLESS STEEL
- THICKNESS: 5 MM
- COMPLETE WITH 4 M8X10 - DIN912 - STAINLESS STEEL SCREWS

JOINT ARTICULÉ POUR PROFILS FVP 400/300

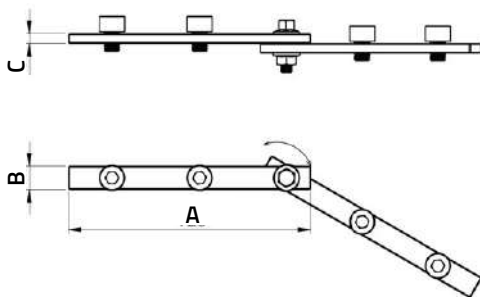
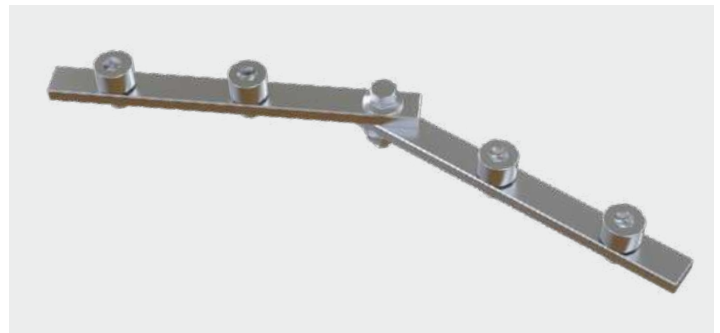
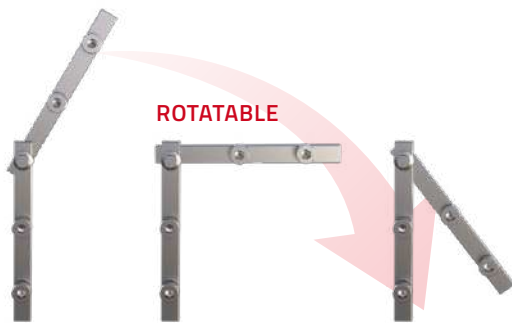
CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX AISI 304
- ÉPAISSEUR : 5 MM
- FOURNI AVEC 4 VIS EN ACIER INOXYDABLE M8X10 DIN912

GELENKKUPLUNG FÜR FVP 400/300-PROFILE

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: EDELSTAHL AISI 304
- DICKE: 5 MM
- KOMPLETT MIT 4 M8X10 - DIN912 - EDELSTAHLSCRAUBEN



CODE	DESCRIZIONE	A [mm]	B [mm]	C [mm]
FVD100035	HGCPs ARTICULATED COUPLING FOR FVP 400/300 PROFILES	125	12	5
FVD100035BOX	HGCPs ARTICULATED COUPLING FOR FVP 400/300 PROFILES - BOX 30pcs	125	12	5
FVD100042	ARTICULATED CONNECTION FOR PROFILES IN ALUMINIUM - 400/300	125	12	5
FVD100042BOX	ARTICULATED CONNECTION FOR PROFILES IN ALUMINIUM - 400/300 - BOX OF 30PCS	125	12	5

Datasheet



ADJUSTABLE SUPPORT BRACKET FOR DOMED ROOF



TECHNICAL SPECIFICATIONS

- MATERIAL: AISI 304
- THICKNESS: 3 MM
- HOLES AND EYELETS Ø9 FOR ROOF MOUNTING

PATTE DE SUPPORT RÉGLABLE POUR DÔME



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : AISI 304
- ÉPAISSEUR : 3 MM
- TROUS ET FENTES Ø9 POUR FIXATION SUR LE TOIT

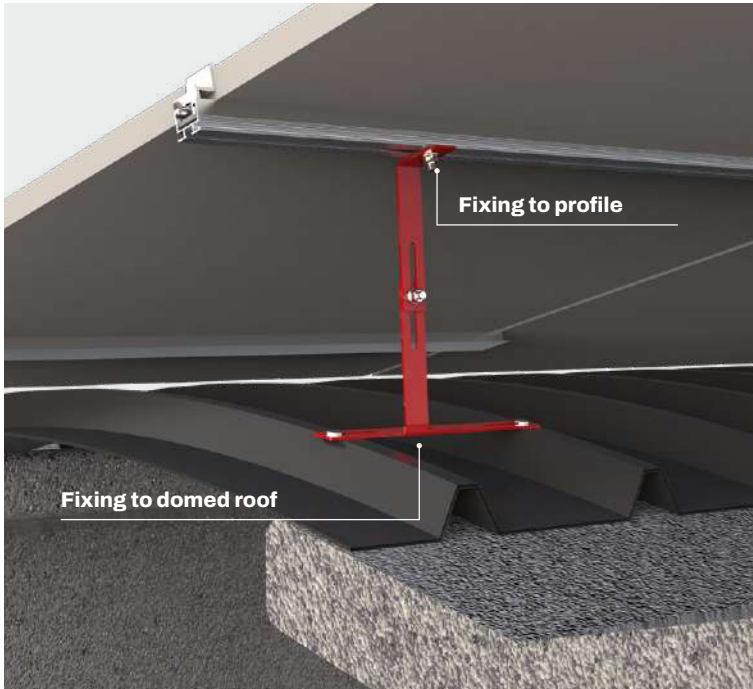
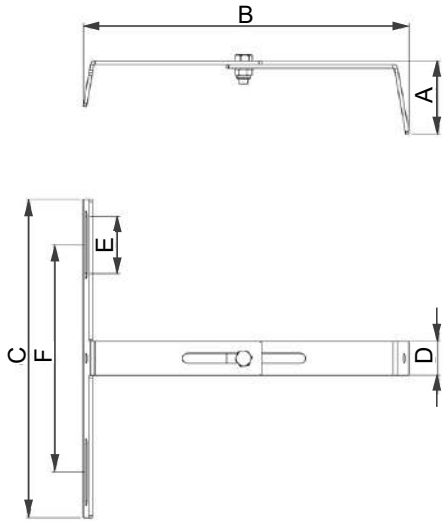
VERSTELLBARE STÜTZHALTERUNG FÜR KUPPELDACH



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: AISI 304
- DICKE: 3 MM
- LÖCHER UND ÖSEN Ø9 FÜR DACHMONTAGE

 **MADE IN ITALY**



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
62	238÷288	280	30	50	200

CODE	DESCRIZIONE
FVD400002	ADJUSTABLE SUPPORT BRACKET FOR DOMED ROOF

[Datasheet](#)

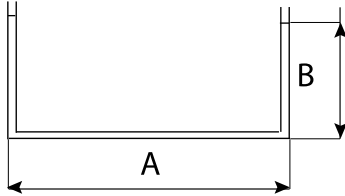


U-SHAPED STRUCTURAL



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- EQUIPPED WITH NON-SLIP KNURLING
- 3245 MM BARS



PROFILÉ STRUCTUREL EN « U »



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- ÉQUIPÉ D'UN MOLETAGE ANTIDÉRAPANT
- BARRE DE 3245 MM

MADE IN ITALY

Datasheet



U-FÖRMIGES STRUKTURPROFIL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- AUSGESTATTET MIT RUTSCHFESTER RÄNDELUNG
- 3245 MM STANGEN

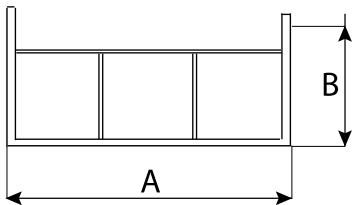
CODE	DESCRIPTION	A [mm]	B [mm]	LENGTH [mm]	THICK. [mm]
11110819	U-SHAPED STRUCTURAL PROFILE	55	33	3245	3

BOXED STRUCTURAL PROFILE



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- EQUIPPED WITH NON-SLIP KNURLING
- 3245 MM BARS



PROFILÉ STRUCTUREL EN BOÎTE



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- ÉQUIPÉ D'UN MOLETAGE ANTIDÉRAPANT
- BARRE DE 3245 MM

MADE IN ITALY

Datasheet



GEKÄSTETES STRUKTURPROFIL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- AUSGESTATTET MIT RUTSCHFESTER RÄNDELUNG
- 3245 MM STANGEN

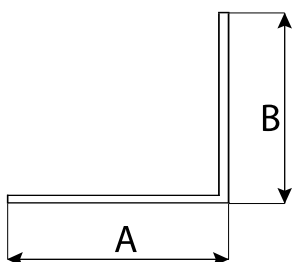
CODE	DESCRIPTION	A [mm]	B [mm]	LENGTH [mm]	THICK. [mm]
11110818	BOXED STRUCTURAL PROFILE	50	30	3245	3

L-SHAPED STRUCTURAL PROFILE



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060
- 3260 MM BARS



PROFILÉ STRUCTUREL EN « L »



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060
- BARRE DE 3260 MM

MADE IN ITALY

Datasheet



L-FÖRMIGES STRUKTURPROFIL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060
- 3260 MM STANGEN

CODE	DESCRIPTION	A [mm]	B [mm]	LENGTH [mm]	THICK. [mm]
11110782	L-SHAPED STRUCTURAL PROFILE	40	40	3260	3



BRACING PROFILE



TECHNICAL SPECIFICATIONS

- MATERIAL: ALUMINIUM ALLOY 6060

PROFIL DE CONTREVENTEMENT



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ALLIAGE D'ALUMINIUM 6060

VERSTÄRKUNGSPROFIL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: ALUMINIUMLEGIERUNG 6060

Datasheet



CODE	DESCRIPTION	LENGTH[mt]	WIDTH [mm]	THICK. [mm]
11110750	HCV PROFILE	4	40	4

HEAVY FIXING DOWEL



TECHNICAL SPECIFICATIONS

- MATERIAL: A2 STAINLESS STEEL
- HIGH TENSILE AND SHEAR STRENGTH
- QUICK INSERTION INTO THE HOLE USING A HAMMER

CHEVILLE DE FIXATION ROBUSTE



CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : ACIER INOX A2
- HAUTE RÉSISTANCE À LA TRACTION ET AU CISAILEMENT
- INSERTION RAPIDE DANS LE TROU GRÂCE À L'UTILISATION DU MARTEAU

STARKER BEFESTIGUNGSDÜBEL



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: A2 EDELSTAHL
- HOHE ZUG- UND SCHERFESTIGKEIT
- SCHNELLES EINBRINGEN IN DAS LOCH MIT EINEM HAMMER

Datasheet



CODE	DESCRIPTION	DIMENSIONS [mm]
FVD600006BOX	HEAVY FIXING DOWEL M10x90 - BAG BOX 25pz.	10 x 90
11111000BOX	HEAVY FIXING DOWEL M10	10 x 90
FVD600007BOX	TASSELLO FISSAGGIO PESANTE M8x60 - BAG BOX 25pz.	8 x 60
11111001BOX	HEAVY FIXING DOWEL M8 - BOX 100pcs.	8 x 60

SCREW + NUT + WASHER FASTENER KIT



TECHNICAL SPECIFICATIONS

- A2 STAINLESS STEEL SCREWS KIT

JEU DE VIS + ÉCROU + RONDELLE



CARACTÉRISTIQUES TECHNIQUES

- KIT VISserie EN ACIER INOXYDABLE A2

SCHRAUBEN + MUTTER + UNTERLEGSCHLEIBEN-BEFESTIGUNGSSATZ



TECHNISCHE EIGENSCHAFTEN

- A2 EDELSTAHLSCHAUBEN

Datasheet



CODE	DESCRIPTION
FVD600012BOX	BOX 25 pcs. HH SCREW M8x10 + 25 pcs. NUTS + 25 pcs. WASHER KIT
FVD600013BOX	BOX 25 pcs. HH SCREW M8x20 + 25 pcs. NUTS + 25 pcs. WASHER KIT
FVD600014BOX	BOX HH SCREW M8x25 + 25 pcs. NUTS + 25 pcs. WASHER KIT
FVD600015BOX	BOX 25 pcs. HH SCREW M8x35 + 25 pcs. NUTS + 25 pcs. WASHER KIT
FVD600008BOX	BOX 100 pcs. HH SCREW M8x10 + 100 pcs. NUTS + 100 pcs. WASHER KIT
FVD600009BOX	BOX 100 pcs. HH SCREW M8x20 + 100 pcs. NUTS + 100 pcs. WASHER KIT
FVD600010BOX	BOX 100 pcs. HH SCREW M8x25 + 100 pcs. NUTS + 100 pcs. WASHER KIT
FVD600011BOX	BOX 100 pcs. HH SCREW M8x35 + 100 pcs. NUTS + 100 pcs. WASHER KIT

A2 STAINLESS STEEL HEXAGONAL FLANGED NUT



TECHNICAL SPECIFICATIONS

- A2 STAINLESS STEEL NUT

CODE	DESCRIPTION
FVD600016BOX	M8 A2 HEX NUT - BOX 25pcs.
11110894BOX	M8 A2 HEX NUT - BOX 100pcs
FVD600017BOX	M10 A2 HEX NUT - BOX 25pcs.
11110886BOX	M10 A2 HEX NUT - BOX 100pcs.
FVD600018BOX	M12 A2 HEX NUT - BOX 25pcs.
11110887BOX	M12 A2 HEX NUT - BOX 100pcs.

ÉCROU À BRIDE HEXAGONALE EN ACIER INOX A2



CARACTÉRISTIQUES TECHNIQUES

- ÉCROU EN ACIER INOXYDABLE A2

SECHSKANT-FLAN- SCHMUTTER AUS EDELSTAHL A2



TECHNISCHE EIGENSCHAFTEN

- A2 MUTTER AUS EDELSTAHL



Datasheet



HAMMER HEAD SCREW



TECHNICAL SPECIFICATIONS

- A2 STAINLESS STEEL SCREW TO BE USED ON FVP PROFILES -250/300/400

CODE	DESCRIPTION
FVD600019BOX	HAMMER HEAD SCREW M8 X 20 - BOX 25pcs.
11110893BOX	HAMMER HEAD SCREW M8 X 20 - BOX 100 pcs.
FVD600020BOX	HAMMER HEAD SCREW M8 X 30 - BOX 25 pcs.
11111052BOX	HAMMER HEAD SCREW M8 X 30 - BOX 100 pcs.

VIS À TÊTE MARTEAU



CARACTÉRISTIQUES TECHNIQUES

- VIS EN ACIER INOXYDABLE A2 À UTILISER SUR LES PROFILS FVP-250/300/400

HAMMER KOPFSCHRAUBE



TECHNISCHE EIGENSCHAFTEN

- A2-EDELSTAHLSCHEUBE ZUR VERWENDUNG AUF FVP-PROFILN -250/300/400



Datasheet



SELF-DRILLING SCREW WITH GASKET



TECHNICAL SPECIFICATIONS

- A2 STAINLESS STEEL SCREW
- SUPPLIED COMPLETE WITH GASKET

CODE	DESCRIPTION
FVD600021BOX	SELF-DRILLING SCREW WITH GASKET 3.5 x 16 BOX 100 pcs. (100 SCREWS + 100 GASKETS)
FVD600022BOX	SELF-DRILLING SCREW WITH GASKET 4.8 x 38 (100 SCREWS + 100 GASKETS)

VIS AUTOPERCEUSE AVEC JOINT



CARACTÉRISTIQUES TECHNIQUES

- VIS EN ACIER INOXYDABLE A2
- LIVRÉ COMPLET AVEC JOINT D'ÉTANCHÉITÉ

SELBSTBOHRENDE SCHRAUBE MIT DICHTUNG



TECHNISCHE EIGENSCHAFTEN

- SCHRAUBE AUS EDELSTAHL A2
- KOMPLETT MIT DICHTUNG DELIEFERT



Datasheet



HF TIE



TECHNICAL SPECIFICATIONS

- MATERIAL: POLYAMIDE
- CLAMP MEASUREMENT 4.8 X 200 MM

CODE	DESCRIPTION
11110740	TIES

HF COLLIER



CARACTÉRISTIQUES TECHNIQUES

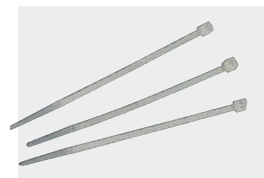
- MATÉRIAU : POLYAMIDE
- MESURE BRIDES 4,8 X 200 MM

HF TIE



TECHNISCHE EIGENSCHAFTEN

- MATERIAL: POLYAMIDE
- KLAMMERABMESSUNG 4,8 X 200 MM



Datasheet



BREAK MANDREL RIVET Ø4X13



RIVET À TÊTE ÉTANCHE Ø4X13



BRUCHDORN-NIET Ø4X13



CODE	DESCRIPTION
FVD600023BOX	BREAK MANDREL RIVET 4 X 13 (100 pcs. BOX)



Datasheet



ALUMINIUM RIVET WITH RUBBER GASKET Ø 5.2 X 19



RIVET EN ALUMINIUM AVEC JOINT EN CAOUTCHOUC Ø 5,2 X 19



ALUMINIUMNIET MIT GUMMIDICHTUNG Ø 5,2 X 19



Datasheet



CODE	DESCRIPTION
FVD600024BOX	ALUMINIUM RIVET WITH RUBBER GASKET (100 PCS. BOX)

INSULATING NYLON WASHER



RONDELLE ISOLANTE EN NYLON



ISOLIERENDE NYLON-UNTERLEGSSCHEIBE



Datasheet



TECHNICAL SPECIFICATIONS

- MATERIAL: NYLON
- DIMENSIONS: 8 X 30 - TH. 3 MM
- POSITIONED BETWEEN THE BRACKET AND ALUMINIUM PROFILE
- GUARANTEES ELECTRICAL INSULATION

CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : NYLON
- DIMENSIONS : 8 X 30 - ÉP. 3 MM
- POSITIONNÉE ENTRE LA PATTE ET LE PROFILÉ EN ALUMINIUM
- GARANTIT L'ISOLATION ÉLECTRIQUE

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: NYLON
- ABMESSUNGEN: 8 X 30 X ST. 3MM
- POSITIONIERT ZWISCHEN HALTERUNG UND ALUMINIUMPROFIL
- GARANTIERT ELEKTRISCHE ISOLIERUNG

CODE	DESCRIPTION
FVD600025BOX	NYLON WASHER 8X30 TH.3 mm (100 PCS. BOX)

HMFC SINGLE / DOUBLE CABLE CLAMPING CLIPS



HMFC CLIPS SIMPLES/DOUBLES SERRE-CÂBLES



HMFC EINZEL-/DOPPELKABELKLEMMEN



Datasheet



TECHNICAL SPECIFICATIONS

- MATERIAL: GLASS-FILLED NYLON
- FOR FVP-400/300 PROFILES ELECTRIC

CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : NYLON CHARGÉ DE VERRE
- POUR LES PROFILÉS FVP-400/300 ÉLECTRIQUE

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: MIT GLAS GEFÜLLTES NYLON
- FÜR FVP-400/300-PROFILE ELEKTRISCH

CODE	DESCRIPTION
11111037	SINGLE CABLE CLAMP
11111034	DOUBLE CABLE CLAMP

HMF CABLE CLAMP



HMF CLIP SERRE-CÂBLE



HMF KABELKLEMME



Datasheet



TECHNICAL SPECIFICATIONS

- MATERIAL: POLYAMIDE

CARACTÉRISTIQUES TECHNIQUES

- MATÉRIAU : POLYAMIDE

TECHNISCHE EIGENSCHAFTEN

- MATERIAL: POLYAMID

CODE	DESCRIPTION
11110741	CABLE CLAMP

THREADED BAR 1 M INOX A2



BARRE FILETÉE 1 M INOX A2



GEWINDESTANGE 1 M INOX A2



Datasheet



TECHNICAL SPECIFICATIONS

- THREADED BAR L=1000 MM IN A2 STAINLESS STEEL

CARACTÉRISTIQUES TECHNIQUES

- BARRE FILETÉE L=1000 MM EN ACIER INOXYDABLE A2

TECHNISCHE EIGENSCHAFTEN

- GEWINDESTANGE L=1000 MM AUS EDELSTAHL A2

CODE	DESCRIPTION
11110897	THREADED BAR M8
11110897BOX	THREADED BAR M8 - BOX 10pcs.
11110898	THREADED BAR M10
11110898BOX	THREADED BAR M10 - BOX 10pcs.
11110899	THREADED BAR M12
11110899BOX	THREADED BAR M12 - BOX 10pcs.

ANTI-THEFT BALL



TECHNICAL SPECIFICATIONS

- STAINLESS STEEL BALL
- POSITIONED IN THE HEXAGONAL SCREW SEAT, IT PREVENTS UNSCREWING

BILLE ANTIVOL



CARACTÉRISTIQUES TECHNIQUES

- BILLE EN ACIER
- POSITIONNÉE DANS LE SIÈGE DE LA VIS HEXAGONALE, ELLE EN EMPÊCHE LE DÉVISSAGE

DIEBSTAHLSICHERUNGSKUGEL



TECHNISCHE EIGENSCHAFTEN

- EDELSTAHLKUGEL
- IM SECHSKANT-SCHRAUBENSITZ POSITIONIERT, VERHINDERT ES EIN HERAUSDREHEN

Datasheet



CODE	DESCRIPTION
11110880	ANTI-THEFT BALL

WOOD LAG SCREW



TECHNICAL SPECIFICATIONS

- A2 STAINLESS STEEL SCREW

TIGE FILETÉE POUR BOIS



CARACTÉRISTIQUES TECHNIQUES

- VIS EN ACIER INOXYDABLE A2

HOLZZUGSCHRAUBE



TECHNISCHE EIGENSCHAFTEN

- SCHRAUBE AUS EDELSTAHL A2

Datasheet



CODE	DESCRIPTION
11110866	HH WOOD LAG SCREW M8 X 120

BI-ADHESIVE BUTYL SEALANT TAPE TH. 2 X 30



TECHNICAL SPECIFICATIONS

- DOUBLE-SIDED ADHESIVE TAPE CONSISTING OF A BUTYL COMPOUND
- HIGHLY ADHESIVE AND REINFORCED WITH A POLYESTER MESH
- HIGH COLD ADHESIVENESS
- EXCELLENT HEAT STABILITY
- GREAT SHAPE STABILITY - SELF-MIXING
- EXCELLENT MECHANICAL CHARACTERISTICS
- THICKNESS: 2 MM
- ROLL LENGTH: 10 M

RUBAN BUTYLIQUE D'ÉTANCHÉITÉ BIADHÉSIF ÉP. 2 X 30



CARACTÉRISTIQUES TECHNIQUES

- BANDE ADHÉSIVE DOUBLE FACE CONSTITUÉE D'UN COMPOSÉ BUTYLIQUE
- TRÈS ADHÉSIF ET RENFORCÉ PAR UNE MAILLE EN POLYESTER
- HAUTE ADHÉSIVITÉ À FROID
- EXCELLENTE STABILITÉ À LA CHALEUR
- GRANDE STABILITÉ DE LA FORME - AUTO-AMALGAMATION
- EXCELLENTE CARACTÉRISTIQUES MÉCANIQUES
- ÉPAISSEUR : 2 MM
- LONGUEUR DU ROULEAU : 10 M

DOPPELSEITIG KLEBENDES BUTYL-DICHTUNGSBAND ST. 2 X 30



TECHNISCHE EIGENSCHAFTEN

- DOPPELSEITIGES KLEBEBAND BESTEHEND AUS EINER BUTYLVERBINDUNG
- STARK HAFTEND UND MIT EINEM POLYESTERNETZ VERSTÄRKT
- HOHE KALTHAFTFÄHIGKEIT
- AUSGEZEICHNETE WÄRMESTABILITÄT
- HOHE FORMSTABILITÄT - SELBSTMISCHEND
- AUSGEZEICHNETE MECHANISCHE EIGENSCHAFTEN
- STÄRKE: 2MM
- ROLLENLÄNGE: 10 M

Datasheet



CODE	DESCRIPTION	WIDTH [mm]	LENGTH [mt]
11111002	BUTYL TAPE 30 x 2mm	30	10
11111002BOX	BUTYL TAPE 30 x 2mm - BOX 6 pcs.	30	10



BI-ADHESIVE BUTYL SEALANT TAPE TH. 1 X 20



TECHNICAL SPECIFICATIONS

- DOUBLE-SIDED ADHESIVE TAPE CONSISTING OF A BUTYL COMPOUND
- HIGHLY ADHESIVE AND REINFORCED WITH A POLYESTER MESH
- HIGH COLD ADHESIVENESS
- EXCELLENT HEAT STABILITY
- GREAT SHAPE STABILITY - SELF-MIXING
- EXCELLENT MECHANICAL CHARACTERISTICS
- THICKNESS: 1MM
- ROLL LENGTH: 15 M

RUBAN BUTYLIQUE D'ÉTANCHÉITÉ BIADHÉSIF ÉP. 1 X 20



CARACTÉRISTIQUES TECHNIQUES

- BANDE ADHÉSIVE DOUBLE FACE CONSTITUÉE D'UN COMPOSÉ BUTYLIQUE
- TRÈS ADHÉSIF ET RENFORCÉ PAR UNE MAILLE EN POLYESTER
- HAUTE ADHÉSIVITÉ À FROID
- EXCELLENTE STABILITÉ À LA CHALEUR
- GRANDE STABILITÉ DE LA FORME - AUTO-AMALGAMATION
- EXCELLENTE CARACTÉRISTIQUES MÉCANIQUES
- ÉPAISSEUR : 1 MM
- LONGUEUR DU ROULEAU : 15 M

DOPPELSEITIG KLEBENDES BUTYL-DICHTUNGSBAND ST. 1 X 20



TECHNISCHE EIGENSCHAFTEN

- DOPPELSEITIGES KLEBEBAND BESTEHEND AUS EINER BUTYLVERBINDUNG
- STARK HAFTEND UND MIT EINEM POLYESTERNETZ VERSTÄRKT
- HOHE KALTHAFTFÄHIGKEIT
- AUSGEZEICHNETE WÄRMESTABILITÄT
- HOHE FORMSTABILITÄT - SELBSTMISCHEND
- AUSGEZEICHNETE MECHANISCHE EIGENSCHAFTEN
- STÄRKE: 1MM
- ROLLENLÄNGE: 15 M

Datasheet



CODE	DESCRIPTION	WIDTH [mm]	LENGTH [mt]
FVC600001	BUTYL TAPE 20 x 1mm	20	15



**BLACK NEOPRENE
ADHESIVE STRIP TH. 3 X 100**



TECHNICAL SPECIFICATIONS

- ANTI-UVA ADHESIVE NEOPRENE
- CL1 BLACK COLOUR
- THICKNESS 3 MM.
- ROLL LENGTH: 10 M

**BANDE ADHÉSIVE EN
NÉOPRÈNE NOIR ÉP. 3 X 100**



CARACTÉRISTIQUES TECHNIQUES

- NÉOPRÈNE ADHÉSIF ANTI-UVA
- CL1 NOIR
- ÉPAISSEUR 3 MM
- LONGUEUR DU ROULEAU : 10 M

**SCHWARZER NEOPREN-
KLEBESTREIFEN TH. 3 X 100**



TECHNISCHE EIGENSCHAFTEN

- ANTI-UVA-KLEBE-NEOPREN
- CL1 SCHWARZE FARBE
- STÄRKE 3 MM
- ROLLENLÄNGE: 10 M

Datasheet



CODE	DESCRIPTION	WIDTH [mm]	LENGTH [m]
11128006	BLACK NEOPRENE ADHESIVE STRIP	100	10



**BLACK NEOPRENE
ADHESIVE STRIP TH. 3 X 50**



TECHNICAL SPECIFICATIONS

- ANTI-UVA ADHESIVE NEOPRENE
- CL1 BLACK COLOUR
- THICKNESS 3 MM.
- ROLL LENGTH: 10 M

**BANDE ADHÉSIVE EN
NÉOPRÈNE NOIR ÉP. 3 X 50**



CARACTÉRISTIQUES TECHNIQUES

- NÉOPRÈNE ADHÉSIF ANTI-UVA
- CL1 NOIR
- ÉPAISSEUR 3 MM
- LONGUEUR DU ROULEAU : 10 M

**SCHWARZER NEOPREN-
KLEBESTREIFEN TH. 3 X 50**



TECHNISCHE EIGENSCHAFTEN

- ANTI-UVA-KLEBE-NEOPREN
- CL1 SCHWARZE FARBE
- STÄRKE 3 MM
- ROLLENLÄNGE: 10 M

Datasheet



CODE	DESCRIPTION	WIDTH [mm]	LENGTH [m]
11128005	BLACK NEOPRENE ADHESIVE STRIP	50	10



ADHESIVE STRIP IN EPDM



TECHNICAL SPECIFICATIONS

- THICKNESS: 3MM
- COMPOSITION: EPDM
- COLOUR: BLACK
- CELL STRUCTURE: CLOSED
- SHORE HARDNESS 00 (ASTM D 2240): 30 ±5
- DENSITY (ISO 845-88-ASTM D 3575): 100 ± 20 KG/M3
- WATER ABSORPTION (ASTM D 1056): 4,3%
- CONSTANT TEMPERATURE RANGE (ASTM D 3575): -20°C + 120°C

BANDE ADHÉSIVE EN EPDM



CARACTÉRISTIQUES TECHNIQUES

- ÉPAISSEUR : 3 MM
- COMPOSITION : EPDM
- COULEUR : NOIR
- STRUCTURE CELLULAIRE : FERMÉE
- DURETÉ SHORE 00 (ASTM D 2240) : 30 ±5
- DENSITÉ (ISO 845-88-ASTM D 3575) : 100 ± 20 KG/M3
- ABSORPTION D'EAU (ASTM D 1056) : 4,3%
- PLAGE DE TEMPÉRATURE CONSTANTE (ASTM D 3575) : -20°C À 120°C

KLEBEBAND AUS EPDM



TECHNISCHE EIGENSCHAFTEN

- STÄRKE: 3MM
- ZUSAMMENSETZUNG: EPDM
- FARBE: SCHWARZ
- ZELLSTRUKTUR: GESCHLOSSEN
- SHORE-HÄRTE 00 (ASTM D 2240): 30 ±5
- DICHT (ISO 845-88-ASTM D 3575): 100 ± 20 KG/M3
- WASSERAUFNAHME (ASTM D 1056): 4,3 %
- KONSTANTER TEMPERATURBEREICH (ASTM D 3575): -20°C + 120°C

Datasheet



CODE	DESCRIPTION	WIDTH [mm]	LENGTH [m]
FVC600002	ADHESIVE STRIP IN EPDM	30	10



BI-ADHESIVE BUTYL SEALANT TAPE TH. 2 X 60



TECHNICAL SPECIFICATIONS

- DOUBLE-SIDED ADHESIVE TAPE CONSISTING OF A BUTYL COMPOUND
- HIGHLY ADHESIVE AND REINFORCED WITH A POLYESTER MESH
- HIGH COLD ADHESIVENESS
- EXCELLENT HEAT STABILITY
- GREAT SHAPE STABILITY - SELF-MIXING
- EXCELLENT MECHANICAL CHARACTERISTICS
- THICKNESS: 2MM
- ROLL LENGTH: 10 M

RUBAN BUTYLIQUE D'ÉTANCHÉITÉ BIADHÉSIF ÉP. 2 X 60



CARACTÉRISTIQUES TECHNIQUES

- BANDE ADHÉSIVE DOUBLE FACE CONSTITUÉE D'UN COMPOSÉ BUTYLIQUE
- TRÈS ADHÉSIF ET RENFORCÉ PAR UNE MAILLE EN POLYESTER
- HAUTE ADHÉSIVITÉ À FROID
- EXCELLENTE STABILITÉ À LA CHALEUR
- GRANDE STABILITÉ DE LA FORME - AUTO-AMALGAMATION
- EXCELLENTES CARACTÉRISTIQUES MÉCANIQUES
- ÉPAISSEUR : 2MM
- LONGUEUR DU ROULEAU : 10 M

DOPPELSEITIG KLEBENDES BUTYL-DICHTUNGSBAND ST. 2 X 60



TECHNISCHE EIGENSCHAFTEN

- DOPPELSEITIGES KLEBEBAND BESTEHEND AUS EINER BUTYLVERBINDUNG
- STARK HAFTEND UND MIT EINEM POLYESTERNETZ VERSTÄRKT
- HOHE KALTHAFTFÄHIGKEIT
- AUSGEZEICHNETE WÄRMESTABILITÄT
- HOHE FORMSTABILITÄT - SELBSTMISCHEND
- AUSGEZEICHNETE MECHANISCHE EIGENSCHAFTEN
- STÄRKE: 2 MM
- ROLLENLÄNGE: 10 M

CODE	DESCRIPTION	WIDTH [mm]	LENGTH [m]
11111003	BUTYL TAPE	60	10
11111003BOX	BUTYL TAPE - BOX 3pcs.	60	10

Datasheet



BUTYL SEALANT TAPE WITH ALUMINIUM FOIL TH. 0.6 X 50



TECHNICAL SPECIFICATIONS

- SELF-ADHESIVE SEALANT TAPE IN A BUTYL COMPOUND PROTECTED BY ALUMINIUM FOIL
- WATERPROOF AND SELF-SEALING
- COLD-APPLICABLE
- EXCELLENT HEAT STABILITY
- GOOD ADHESION EVEN AT LOW TEMPERATURES
- UV RESISTANT
- THICKNESS: 0.6MM
- ROLL LENGTH: 10 M

RUBAN BUTYLIQUE D'ÉTANCHÉITÉ AVEC UNE FEUILLE D'ALUMINIUM ÉP. 0,6 X 50



CARACTÉRISTIQUES TECHNIQUES

- RUBAN AUTOCOLLANT D'ISOLATION COMPOSÉ DE
- UN COMPOSÉ DE BUTYLE PROTÉGÉ PAR UNE FEUILLE D'ALUMINIUM
- IMPERMÉABLE ET AUTO-ISOLANT
- APPLICABLE À FROID
- EXCELLENTE STABILITÉ À LA CHALEUR
- BONNE ADHÉRENCE MÊME À BASSES TEMPÉRATURES
- RÉSISTANT AUX RAYONS UV
- ÉPAISSEUR : 0,6 MM
- LONGUEUR DU ROULEAU : 10 M

BUTYL-DICHTUNGSBAND MIT ALUMINIUMFOLIE ST. 0,6 X 50

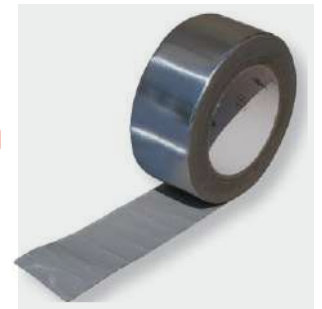


TECHNISCHE EIGENSCHAFTEN

- SELBSTKLEBENDES DICHTUNGSBAND AUS BUTYLVERBINDUNG, GESCHÜTZT DURCH ALUMINIUMFOLIE
- WASSERDICHT UND SELBSTDICHTEND
- KALTANWENDBAR
- AUSGEZEICHNETE WÄRMESTABILITÄT
- GUTE HAFTUNG AUCH BEI NIEDRIGEN TEMPERATUREN
- UV-BESTÄNDIG
- STÄRKE: 0,6MM
- ROLLENLÄNGE: 10 M

CODE	DESCRIPTION	WIDTH [mm]	LENGTH [m]
11111004	BUTYL SEALING TAPE WITH ALUMINIUM FOIL	50	10
11111004BOX	BUTYL SEALING TAPE WITH ALUMINIUM FOIL - BOX 24pcs.	50	10

Datasheet



BITUMINOUS ELASTOPLASTIC MASTIC IN CARTRIDGE



TECHNICAL SPECIFICATIONS

- BITUMINOUS AND RESIN-BASED ELASTOPLASTIC PUTTY IN CARTRIDGE
- COLD-APPLICABLE, READY-TO-USE ELASTOMERICS
- COLD-APPLICABLE WITHOUT A FLAME
- GOOD PUNCTURE RESISTANCE
- NON-SLIP FOR SLOPING INSTALLATIONS

MASTIC ÉLASTOPLASTIQUE BITUMINEUX EN CARTOUCHES



CARACTÉRISTIQUES TECHNIQUES

- MASTIC ÉLASTOPLASTIQUE À BASE DE BITUME ET DE RÉSINE EN CARTOUCHE
- ÉLASTOMÈRE PRÊT À L'EMPLOI, APPLICABLE À FROID
- APPLICATION À FROID SANS FLAMME
- BONNE RÉSISTANCE À LA PERFORATION
- ANTIDÉRAPANT POUR LES POSITIONS INCLINÉES

BITUMINÖSER ELASTOPLASTISCHER KITT IN KARTUSCHE



TECHNISCHE EIGENSCHAFTEN

- BITUMEN- UND HARZBASIERTER ELASTOPLASTISCHER KITT IN KARTUSCHE
- KALT VERARBEITBARE, GEBRAUCHSFERTIGE ELASTOMERE
- KALT ANWENDBAR OHNE FLAMME
- GUTE DURCHSTOSSFESTIGKEIT
- RUTSCHFEST FÜR SCHRÄGE INSTALLATIONEN

BITUMINOUS SILICONE

CODE	DESCRIPTION	CAPACITY [ml]
11111008	BITUMINOUS ELASTOPLASTIC PUTTY IN CARTRIDGE	310
11111008BOX	BITUMINOUS ELASTOPLASTIC PUTTY IN CARTRIDGE - BOX 12pcs.	310

Datasheet



CONNECTOR FOR PHOTOVOLTAIC MODULES



TECHNICAL SPECIFICATIONS

- OPERATING TEMPERATURE: FROM -40°C TO +85°C
- PROTECTION CLASS: III
- DEGREE OF PROTECTION: IP68
- TEMPERATURE OPERATING LIMIT: +125°C
- SYSTEM VOLTAGE: UP TO 1000 V DC
- RATED CURRENT: UP TO 25 A
- RATED VOLTAGE: 8KV
- APPLICATION CLASS: A

CONNECTEUR POUR MODULES PHOTOVOLTAÏQUES



CARACTÉRISTIQUES TECHNIQUES

- TEMPÉRATURE DE FONCTIONNEMENT: DE -40°C À +85°C
- CLASSE DE PROTECTION : III.
- DEGRÉ DE PROTECTION : IP68
- LIMITE DE TEMPERATURE D'UTILISATION : +125°C
- TENSION DU SYSTÈME : JUSQU'À 1 000 V/CC
- COURANT NOMINAL : JUSQU'À 25 A
- TENSION NOMINALE : 8 KV
- CLASSE D'APPLICATION : A

VERBINDER FÜR PHOTOVOLTAIKMODULE



TECHNISCHE EIGENSCHAFTEN

- BETRIEBSTEMPERATUR: VON -40°C BIS +85°C
- SCHUTZKLASSE: III
- STÄRKE DES SCHUTZES: IP68
- TEMPERATUR-BETRIEBSGRENZE: +125°C
- SYSTEMSPANNUNG: BIS ZU 1000 V DC
- NENNSTROM: BIS ZU 25 A
- NENNSPANNUNG: 8KV
- AMNWENDUNGSKLASSE: A

CODE	DESCRIPTION
11111056	MALE-FEMALE CONNECTOR 4-6 mm2
11111056BOX	MALE-FEMALE CONNECTOR 4-6 mm2 - BOX 50pcs.



Datasheet



TOOL FOR CONNECTOR



OUTIL POUR CONNECTEUR



WERKZEUG FÜR VERBINDER



EXAMPLE USED:



Datasheet



CODE	DESCRIPTION
11111057	TOOL FOR MALE-FEMALE CONNECTOR 4-6 mm2

EASYCLEANER PROFESSIONAL PHOTOVOLTAIC PANEL DETERGENT, 500 ML WITH SPRAY TRIGGER



EASYCLEANER NETTOYANT PROFESSIONNEL POUR PANNEAUX PHOTOVOLTAÏQUES 500 ML AVEC GÂCHETTE DE VAPORISATION



EASYCLEANER PROFESSIONELLES PHOTOVOLTAIK-MODULREINIGUNGSMITTEL, 500 ML MIT SPRÜHAUSLÖSER



The efficiency of photovoltaic systems decreases over time also due to dust, crystallised organic residues, smog, moss and bird droppings that **accumulate on the surface of the photovoltaic panel.**

Using the detergent increases the efficiency of the system making the annual production of energy constant. The product does not cause any damage to the environment since it is biodegradable, and does not damage the surface and frame of the panel.

It can be used on all types of photovoltaic modules with glass or synthetic material coating, including the normal or anodised aluminium frame.

CODE	DESCRIPTION
11111054	DETERGENT FOR PHOTOVOLTAIC PANELS 500 ml.
11111054BOX	DETERGENT FOR PHOTOVOLTAIC PANELS 500 ml. - BOX 12pcs.

Datasheet



FAST CLEANER PROFESSIONAL DETERGENT FOR PHOTOVOLTAIC PANELS CANISTER 5 L.



FAST CLEANER DÉTERGENT PROFESSIONNEL POUR PANNEAUX PHOTOVOLTAÏQUES EN BIDON DE 5 L.



FAST CLEANER PROFESSIONELLES REINIGUNGSMITTEL FÜR PHOTOVOLTAIKMODULE KANISTER 5 L.



CODE	DESCRIPTION
11111055	DETERGENT FOR PHOTOVOLTAIC PANELS CANISTER 5 L.

Datasheet





**ATTENTION TO DETAIL
FAST INSTALLATION
ASSURANCE AND QUALITY**

