



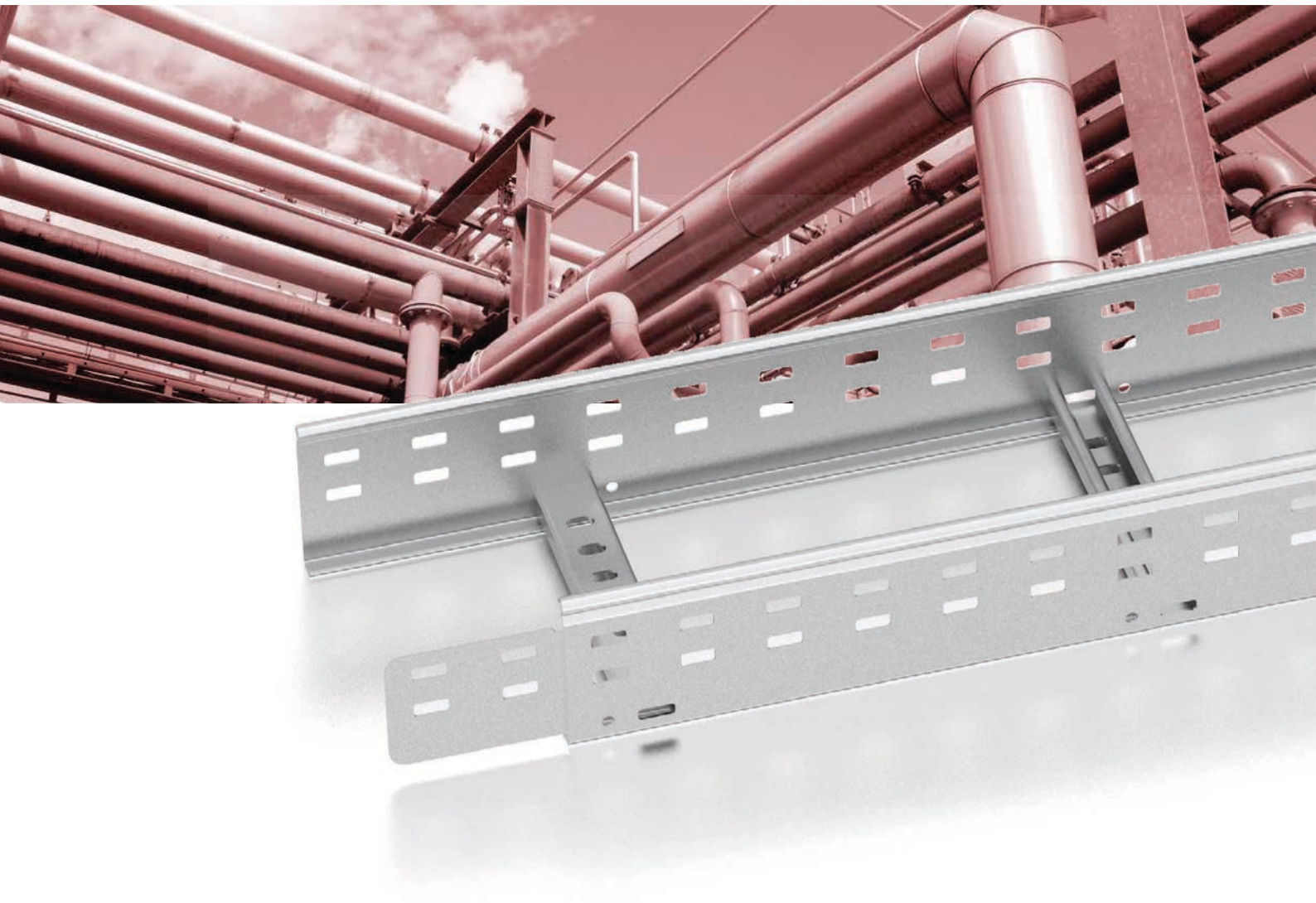
Cable Management System

megaband[®]

Bandeja de escalera para aplicaciones industriales

Ladder for industrial applications

Echelle à câbles pour applications industrielles



www.pemsa-rejiband.com



Web-site

pemsa

www.pemsa-rejiband.com

Visita las siguientes secciones Visit the following pages Visitez les sections suivantes

Novedades y Catálogo de producto News and product Catalogue Nouveautés et catalogue de produits



rejiband® BLACK C8®

High Resistance protection for aggressive environments

Class 8. >1000 hours.
Better features than Hot Dip Galvanised.

BLACK C8®
IEC 61537

ESP



ENG



Soporte Técnico Technical Support Support Technique



ESP



ENG



Documentación y Descargas Document Downloads Documentation et Téléchargement



ESP



ENG



Soluciones de Producto Product Solutions Solutions de Produits

	Food Industry Food, Bakery, Beverages, Dairy, etc.		Chemical / Pharma Industry Laboratories, Research centres, Chemical and Water treatment plants.		Petrochemical Industry Refineries, Distribution centres, Nuclear and Thermal plants.		Energy Biomass, Thermosolar, Cogeneration, Wind, etc.		Photovoltaic Planes, Roofs, Solar farms, etc.
	Data Centers Data processing centres, IT installations etc.		Building / Tertiary Shopping centres, Schools, Hospitals, Stations, Airports, Offices, Car Parking.		Tunnels Highway/road, Train, Underground, Service and maintenance.		Railway app. Trains, Railway devices, Automobile.		E90 Fire Resistance Fire resistance of the electric cable system required to maintain circuit integrity.

ESP



ENG



Cable Management System

		Empresa / Company / Entreprise	02-03
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1		Sistemas de Bandejas Portacables, Soportes y accesorios Cable Management System, Supports and accessories Système de chemin de câbles supports et accessoires	
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		Accesorios / Accessories / Accessoires	
		Solutions / Ideas	
1.1	 rejitech®	Soporte de cables para falsos techos Cable support for false ceilings Support de câbles faux plafonds	
1.2	 pemsaband® inducanal®	Bandeja de Chapa perforada y ciega Perforated and solid cable trays Dalle métallique perforée et emboutie	
1.4	 pemsaband® PQ	Bandeja de chapa para aplicaciones industriales Cable tray for Industrial Applications Dalle métallique industrielle	
2		Sistemas de Tubos, Racores y Prensaestopas Conduit, Connectors and Cable gland Systems Systèmes Tubes, Raccords et Presse Étoupes	

Grandes Retos. Grandes Soluciones

Tenemos la solución para la canalización de cables. Innovamos y crecemos desde hace más de 40 años.

Fiabilidad

Confía en Pemsa. Reducimos sus costes, cumplimos especificaciones y plazos de entrega. Te ofrecemos la solución más adecuada. Amplio Stock de referencias y productos. Equipo de profesionales para atender cualquier consulta.

Soluciones para profesionales

Sistemas de producto que hacen mejor tu instalación.

Todas las Soluciones en Bandejas y Tubos. Diseñadas y ensayadas según los estándares internacionales.

Soluciones específicas para Alimentaria, Petroquímica, Infraestructuras...

Productos desarrollados a partir de nuestra experiencia y la tuya.

Major Challenges. Great Solutions

We have the solution for cable trays. Innovations and growth for more than 40 years.

Reliability

Trust in Pemsa. We reduce costs, meet specifications and deadlines. We offer the best solution. Large stock of references and products. Professional team to respond to your requests and enquiries.

Solutions for professionals

Product systems for the best installation. Complete systems of trays and conduits. Designed and tested to International standards.

Specific solutions for Food Industry, Petrochemical, Infrastructure...

Products developed from our experience and yours.

Grands défis. Grandes solutions

Nous avons la solution pour la canalisation de câbles. Nous innovons et nous grandissons depuis plus de 40 ans.

Fiabilité

Faites confiance à Pemsa. Nous réduisons vos coûts, nous respectons les spécifications et les délais de livraison. Nous vous offrons la solution la plus adaptée. Vaste stock de références et de produits. Une équipe de professionnels à votre écoute pour vos commandes et vos consultations.

Solutions pour les professionnels

Systèmes de produits qui améliorent votre installation.

Tous les systèmes de chemins de câbles et de tubes.

Conçus et testés selon les normes internationales.

Solutions pour les secteurs : Alimentaire, Pétrochimie, Infrastructures...

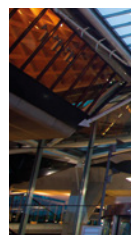
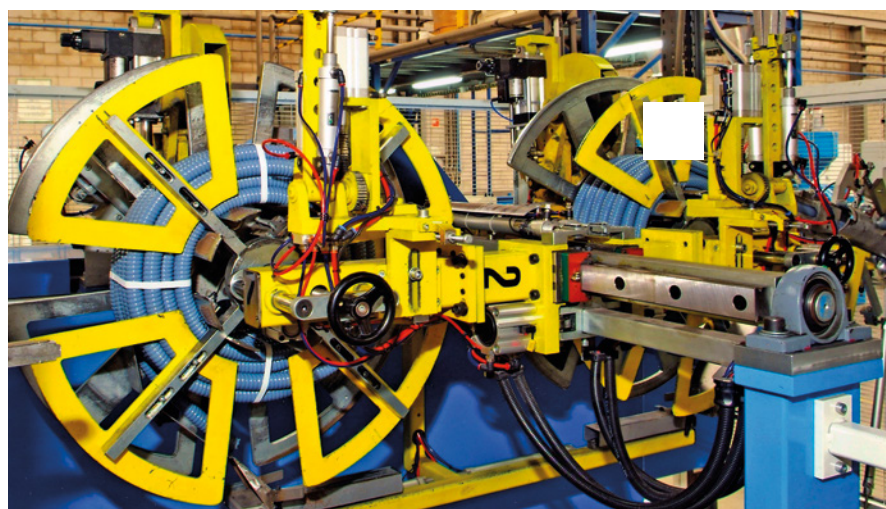
International

Présents dans plus de 50 pays.

Connaissance et contrôle des marchés.

Filiales et propres structures au R.U, France, Portugal et Colombie.

Accords de collaboration avec d'importants partenaires et entreprises du secteur.



Certificaciones y Homologaciones obtenidas
Certifications and Approvals obtained
Certifications et Homologations obtenues



Filiales / Branches / Filiales

Pemsa U.K.
Pemsa France
Pemsa Portugal

Pemsa Latam.

Presencia Internacional

Pemsa desarrolla su vocación internacional a través de sus Filiales, **Pemsa UK**, **Pemsa France**, **Pemsa Portugal** y **Pemsa Latinoamérica**, y clientes de los 5 continentes, Oriente Medio, Dubai, Arabia Saudí, Alemania, Bélgica, Italia, Grecia, Marruecos, Senegal, Sudáfrica, Nueva Zelanda, Estados Unidos, Panamá, Costa Rica, Colombia, Ecuador, Perú, Bolivia.

International Presence

Pemsa develop its international presence through its Branches, **Pemsa UK**, **Pemsa France**, **Pemsa Portugal** and **Pemsa Latin America**, and customers established in the five continents: Middle East, Dubai, Saudi Arabia, Germany, Belgium, Italy, Greece, Morocco, Senegal, South Africa, New Zealand, U.S.A., Panama, Costa Rica, Colombia, Ecuador, Peru, Bolivia...

Présence internationale

Pemsa consolide un stade de développement à l'international avec une présence directe et propre marque: **Pemsa Royaume-Uni**, **Pemsa France**, **Pemsa Portugal**, et **Pemsa Latinoaméricaine**. En outre, nous continuons à accroître notre présence dans les Cinq continents, Middle East, Dubai, Arabie Saoudite, Allemagne, Belgique, Italie, Grèce, Maroc, Sénégal, Afrique du Sud, Nouvelle-Zélande, États-Unis, Panama, Costa Rica, Colombie, Equateur, Pérou, Bolivie, ...





Certificaciones y Homologaciones



Marcado N de AENOR. Bandejas y soportes

reji band® y **pemsaband®** han obtenido el marcado N de AENOR que certifica que han superado los requisitos de la norma europea, UNE-EN-61537, "Sistemas de bandejas y de bandejas de escalera para la conducción de cables", donde se especifican las condiciones de seguridad, ensayos, características técnicas, etc., que deben cumplir las bandejas.

Certificado N:
reji band® pemsaband® Soportes
030/002090 030/002096 030/002089

Marcado N de AENOR. Tubos Rígidos

Tubos rígidos metálicos RR y RL están certificados por AENOR superando los requisitos y ensayos cumpliendo las normas europeas, UNE-EN 61386-1:2005 y UNE-EN 61386-21:2005, donde se especifican las condiciones de seguridad, ensayos, características técnicas, etc., que deben cumplir los tubos.

Certificado N: Tubos Rígidos Metálicos
030/002199

E90. Resistencia al Fuego

Las bandejas metálicas **reji band®** y **pemsaband®** han superado el ensayo de la norma alemana DIN 4102-12, que ensaya el conjunto de la instalación eléctrica, bandejas y cables, certificando que se mantienen las propiedades eléctricas de la instalación durante 90 minutos a más de 1000°C.

Certificación UL. Continuidad eléctrica asegurada

Esta certificación acredita que la bandeja **reji band®** y **pemsaband®** asegura una buena continuidad entre tramos de la bandeja y que podrían usarse éstas en determinadas condiciones como función de tierra sin necesidad de conductor adicional de protección.

Acabado BYCRO acorde con RoHS 2002/95/CE

Pemsa ha eliminado el Cromo Hexavalente y metales pesados de sus procesos de producción, fabricando su bandeja **reji band®** acabado BYCRO de acuerdo con las últimas directivas medioambientales.

Certifications and Approvals

AENOR N mark. Trays and supports

reji band® and **pemsaband®** are the only metal trays on the market that have achieved the N mark of AENOR. This certifies that the N marked **reji band®** and **pemsaband®** have exceeded the requirements of European standard EN-61537, "Cable Management - Cable Tray Systems and Cable Ladder Systems" which specifies the security, testing, technical features, etc., which the trays must meet.

N Certificate:
reji band® pemsaband® Supports
030/002090 030/002096 030/002089

AENOR N mark. Rigid conduits

Rigid metallic conduits, researched, developed and provided by Pemsa, have been certified by AENOR that they have passed compliance testing requirements and European standards UNE-EN 61386-1:2005 and UNE-EN 61386-21:2005, which specifies the safety, testing, technical features, etc., to be met by conduits.

N Certificate: Rigid Metal Conduits
030/002199

E90. Fire resistance

reji band® and **pemsaband®** have successfully exceeded the fire resistance tests defined by the German Standard DIN 4102-12 "Fire behaviour of building materials and elements, Fire resistance of electric cable systems required to maintain circuit integrity", by withstanding 1000°C (1832°F) temperature for 90 minutes, thus obtaining the E90 certification.

UL Classified. Electrical Continuity guaranteed

This certification ensures, when using **reji band®** wire mesh tray and **pemsaband®** cable tray, that the correct electrical continuity between trays exists which could, under certain circumstances, be used as a protective earth without using any additional protective conductor. Any protective conductor would connect all earthed points of an installation to the earth conductor, in order to eliminate the risks through indirect contact.

BYCRO finish in compliance with RoHS 2002/95/EC

Pemsa has removed all hexavalent chromium and heavy metals from their production processes, ensuring that their BYCRO **reji band®** finish complies with all of the latest environmental directives.

Certificats et Homologations

Marque N d'AENOR. Calhas e Suportes

reji band® et **pemsaband®** sont les seuls chemins de câbles métalliques du marché à avoir obtenu le marquage N d'AENOR. Ce marquage certifie que **reji band®** et **pemsaband®** sont conformes aux exigences de la norme européenne NF-EN-61537 : « Systèmes de chemin de câbles et systèmes d'échelle à câbles pour conduits de câblages », où sont définies les conditions de sécurité, les essais, les caractéristiques techniques, etc ; auxquels doivent s'adapter les chemins de câbles.

Certificat N:
reji band® pemsaband® Supports
030/002090 030/002096 030/002089

Marque N de AENOR. Tubes rigides

Tubes rigides métalliques RR et RL élaborés et commercialisés par Pemsa, lesquels sont certifiés AENOR et ont surpassé les conditions et essais requis en obtenant les normes européennes, NF-EN 61386-1:2005 et NF-EN 61386-21:2005, où sont spécifiées les conditions de sûreté, essais, caractéristiques techniques, etc., que doivent accomplir les tubes.

Certificat N: Tubes rigides métalliques
030/002199

E90. Résistance au feu

Le chemin de câbles **reji band®** et **pemsaband®**, a réussi le test de la norme allemande DIN 4102-12 qui teste l'ensemble de l'installation électrique, chemins de câbles inclus, certifiant que le courant électrique de l'installation est maintenues pendant 90 minutes à plus de 1000°C.

Certification UL. Continuité électrique assurée

Cette certification garantit que le chemin de câbles **reji band®** et **pemsaband®**, assure une bonne continuité entre les différentes sections et que celles-ci pourraient être utilisées dans des conditions déterminées comme fonction de branchement à la terre, sans rajouter un conducteur supplémentaire de protection.

Finition BYCRO conforme à la norme RoHS 2002/95/CE

Pemsa a éliminé le Chrome Hexavalent de ses procédés de production, et fabrique désormais son chemin de câbles **reji band®** finition BYCRO conformément aux dernières Directives Environnementales.



Ventajas del líder

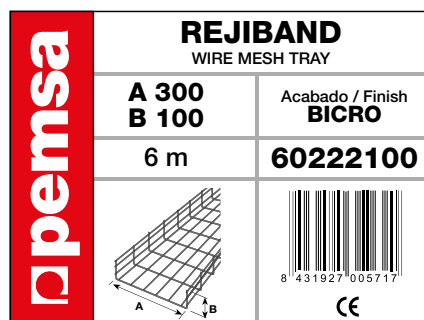
ATENCIÓN AL CLIENTE

Tel: **902 171 817**
Fax: **918 023 382**
@ atencioncliente@pemsa-rejiband.com

Etiquetas gráficas

Permite una perfecta identificación de todas las Gamas de Producto.

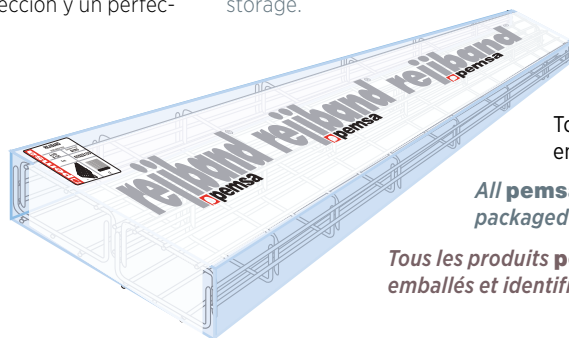
- Facilita el almacenamiento.
- Permite la identificación del producto durante todo el proceso de fabricación.
- Incluye: código de barras EAN 13, número de referencia, unidades que contiene, tipo acabado y dimensiones de la pieza.



Embalaje protector

Permite una perfecta identificación de todos los elementos del sistema **rejiband®**.

- Con film termosellado y etiqueta identificadora.
- Garantiza la máxima protección y un perfecto almacenamiento.



Todos los productos **pemsa** se entregan embalados e identificados

All pemsa products are delivered packaged and identified

Tous les produits pemsa sont livrés emballés et identifiés



Marcado CE

Todos los productos de este catálogo cumplen con las directrices CE.

Código EAN

Todos los productos de este catálogo llevan asignado su correspondiente código de barras europeo de 13 dígitos (EAN).

Leader Advantages

CUSTOMER SERVICE

Tel: **+34 91 802 34 99**
Fax: **+34 91 802 34 82**
@ export@pemsa-rejiband.com

CUSTOMER SERVICE UK

Tel: **0113 277 9090**
Fax: **0113 277 5939**
@ sales@pemsa.co.uk

Graphic Labels

Allows perfect identification of all the product ranges.

- Facilitates storage.
- Allows product identification during the entire manufacturing process.
- Includes the following: 13-digit EAN bar code, reference number, the units it contains, type of finish and part dimensions.

Protective packaging

Allows perfect identification of all elements of the **rejiband®** system.

- With heat-sealed film and identification label.
- It ensures maximum protection and perfect storage.

Avantages de Leader

SERVICE CLIENT

Tel: **+33 01 60 86 75 65**
Fax: **+33 01 60 87 11 83**
@ service-client@pemsa.fr

Etiquettes graphiques

Permet une parfaite identification de tous les gammes du produits

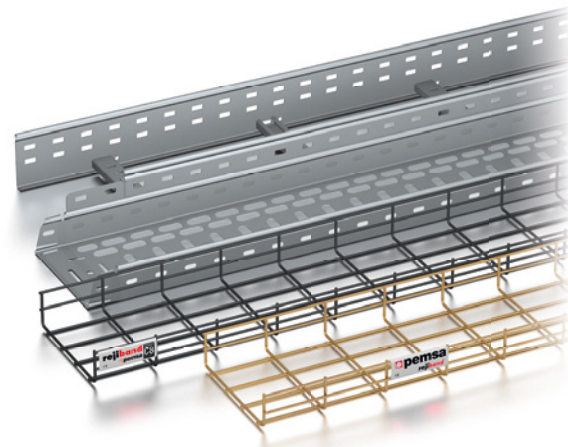
- Facilite le stockage.
- Permet l'identification du produit pendant tous le processus de production.
- Inclue: code EAN 13, référence article, nombre d'unités contenues, type de finition et dimensions de l'article.

Emballage de protection

Permet une parfaite identification de tous les chemins de câbles du système **rejiband®**.

- Avec un film thermo-retrécit et une étiquette d'identification.
- Garantie une protection maximale et un stockage idéal des produits.





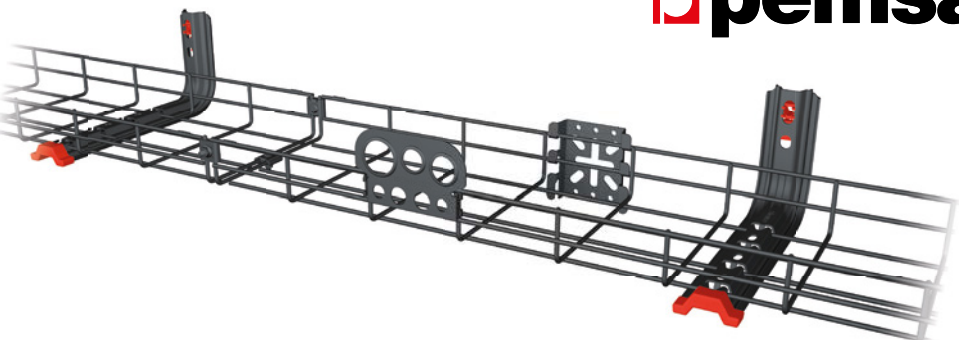
Sistemas de Bandejas y Soportes. Guía de selección

Cable Tray and Supports System. Selection guide

Systèmes de Chemins de Câbles & Supports. Guide des produits

Sistemas de Bandejas Portacables / Cable Tray System / Systèmes de Chemins de Câbles

Denominación Ranges Désignation	reji band [®]	reji band [®] BLACK C8	reji band [®] CLICK	reji tech [®]	pemsaband [®] SX(*) / LX	pemsaband [®] RX	mega band [®]	pemsaband [®] PQ / PQ AL
Características / Features / Caractéristiques								
(M)	Acero al carbono / Carbon steel / Acier Carbone							Aluminio / Aluminium
PG					•	•		
EZ	•		•	•			•	
BYCRO	•		•	•			•	
GC	•				•	•	•	•
C8		•						
304	•				•		•	
316L	•				•		•	
mm	60-600	60-600	60-600	100	100-600	100-600	100-1000	50-600
mm	35/60/100	35/60/100	60	60	60/85/100	60/85/100	60/85/100/120	15/30/50/60/100
°C	-50 °C / +150 °C							
N/m								
	20 J.							
	A1 / E90	A1	A1	A1	A1 / E60	A1	A1	A1
Homologaciones / Approvals / Homologations								
Aplicaciones / Applications / Applications								
Tertiary	•	•	•	•	•	•	•	
Tunnels	•	•			•	•	•	
Data Center	•	•	•	•	•			
Photovoltaic/ Energy	•	•			•	•	•	•
Food Industry	•				•			
Petrochemical Industry	•				•	•	•	•
	020	022	023	044	052, 053	054	080	112



Sistemas de Bandejas y Soportes. Guía de selección

Cable Tray and Supports System. Selection guide

**Système de Chemins de Câbles
& Supports. Guide des produits.**

Sistemas de Soportes / Supports Systems / Systèmes de Supports

Soportes Wall Bracket Support Omega SPLUS 	Soportes Techo Ceiling Bracket Support Plafond Omega SPLUS 	Suspensión Channel Suspension Omega SPLUS+ 	Soportes Reforzados Med. Duty Cantilever Support Renforcé RPLUS 	Sop. Muy Reforzados Heavy Duty Cantl. Support Très Renforcé RPLUS 	Distanciadores Stand off Bracket Fixation Réhausse 	Railes y Accesorios Channel&Accessories Rails & Accessoires 	Denominación Ranges Dénomination
---	--	--	---	---	--	--	---

Características / *Features* / Caractéristiques

Acero al carbono / Carbon steel / Acier carbone

Acero al carbono / Carbon steel / Acier carbone							M
							PG EZ BYCRO GC C8 304 316L
							mm mm N/m
100-400	100-400	100-600	100-600	300-600	100-300	41X21 41X21	
						3 M	
-50 °C / +150 °C							
A1 / E90	A1 / E90	A1 / E90	A1 / E90	A1 / E90	A1	A1 / E90	

Homologaciones / *Approvals* / Homologations

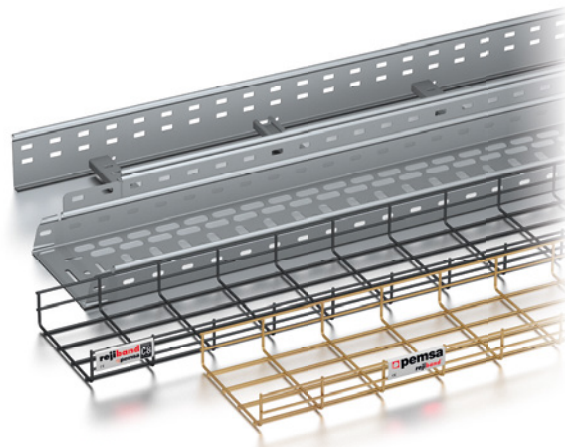
    	    	    	    	   	  	  	
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Aplicaciones / Applications / Applications

Approximations / Approximations							
128	128	142	130	132	042, 140	152	

Montaje / Assembly / Montagem





Acabados de protección para Sistema de Bandejas Portacables

Protective finishes for Cable Tray Systems

Finition de protection pour Système de Chemins de Câble

Acabados según Gama de Bandejas / Range of Tray Finishes / Finitions selon la Gamme de Chemins de Câbles

	reji [®] 	reji ^{tech} 	pemsa ^{band} 	inducanal 	mega ^{band} 	pemsa ^{band} PQ 
	 016	 044	 048	 055	 080	 112
PG			•	•		
EZ	•	•			•	
BYCRO (BC)	•	•			•	
GC	•		•	•	•	•
EP	•				•	•
BLACK C8	•					
304	•		•	•	•	
316L	•		•	•	•	

Acabados según clase de resistencia IEC 61537 / Resistance class finishes according to IEC 61537 / Finitions selon le niveau de résistance IEC 61537

PG	C2												
EZ	C3												
BYCRO (BC)		C5											
GC		C5		C6									
EP			C6										
BLACK C8					C8								
304										C9C			
316L											C9D		
Horas / Hours	100	200	300	400	500	600	700	800	900	1000			

Acabados según aplicación o sector y clase de resistencia / Finishes, by class of resistance, for applications or sectors / Finitions selon application & niveau de résistance

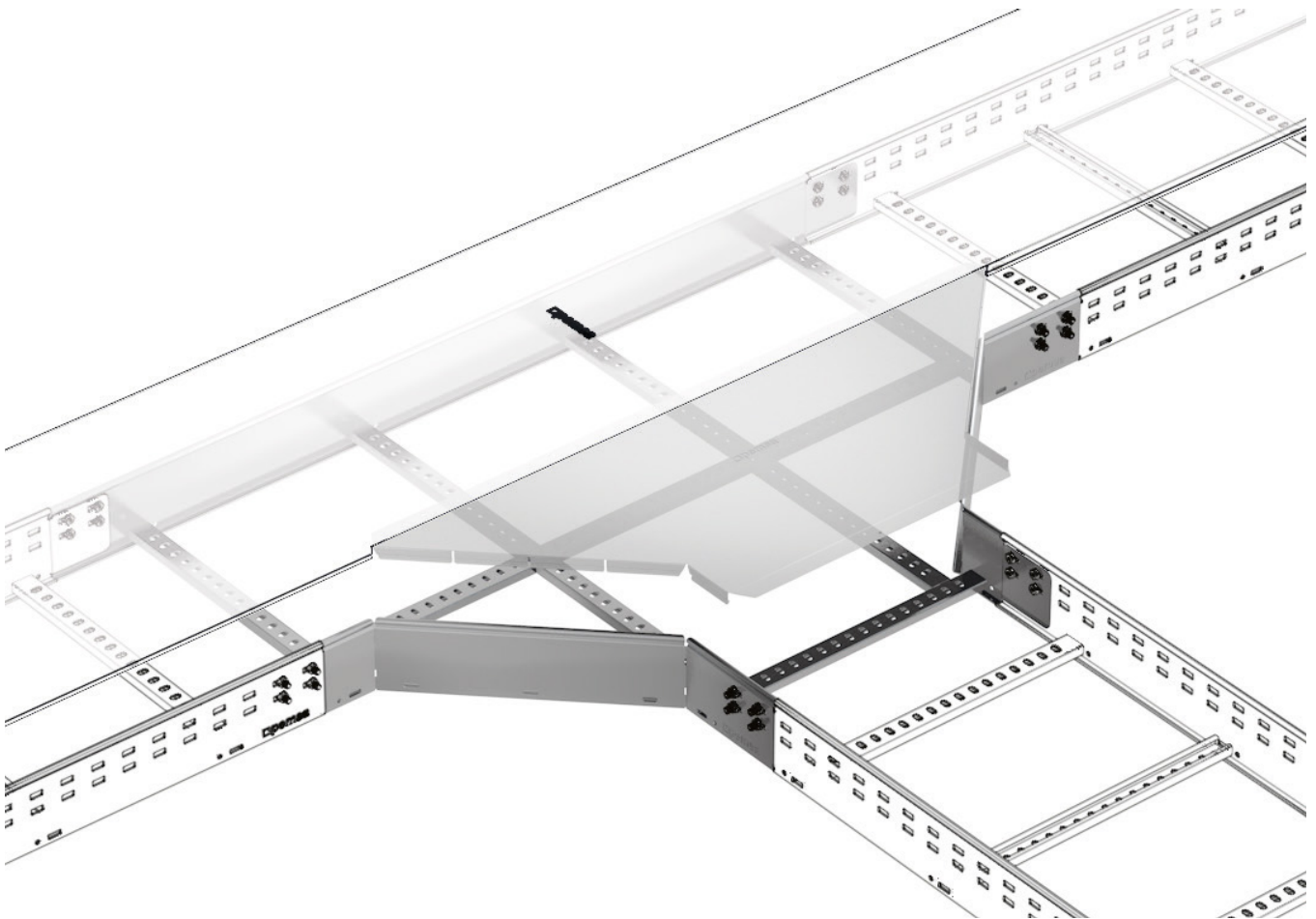
		Class IEC61537	Test H.								
PG	EN 10346	C2	>96	•							
EZ	EN-ISO 2081	C3	>190	•							
BYCRO (BC)	EN-ISO 2081	C5	>450	•	•	•	•	•			
GC	EN-ISO 1461	C5-C7	>450->660	•		•	•	•	•	•	•
EP	—	C7	660	•	•	•	•	•	•	•	•
BLACK C8	EN-ISO 2081	C8	>850	•	•	•	•	•	•	•	•
304	AISI	C9D	>900	•	•	•	•	•	•	•	•
316L	AISI	C9E	>900	•	•	•	•	•	•	•	•

megaband®

Bandeja de escalera para aplicaciones industriales

Ladder for industrial applications

Echelle à câbles pour applications industrielles





megaband®

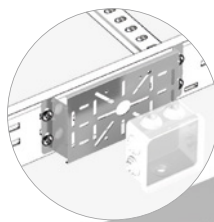
Sistema de Bandejas de Escalera

Cable Ladder System

Système d'échelle à câbles

Cambio de Nivel CNV
90° Outside Riser
Changement de niveau
(descente) CNV

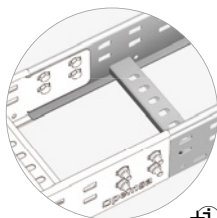
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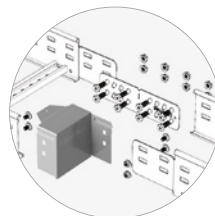
094

Cambio de Nivel CNC
90° Inside Riser
Changement de niveau CNC

106



090



109

megaband®	107	106	L	EZ	GC	304	316L
	60	100-1000	3000	●	●	●	●
	85	100-1000	3000	●	●	●	●
	100	100-1000	3000	●	●	●	●
	120	100-1000	3000	●	●	●	●
	60	100-1000	6000		●		
	85	100-1000	6000		●		
	100	100-1000	6000		●		
	120	100-1000	6000		●		

Cambio de Nivel Articulado
Articulated Riser Section
Changement de niveau articulé

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Normas Internacionales:

International Standards:

Normes Internationales



Norma internacional de
Bandejas

*International standard
of Cable trays
Norme internationale
de Chemins de câbles*



Norma Nema VE-1

*Nema VE-1 Standard
Norme Nema VE-1*



Resistencia al fuego

*DIN 4102-12 Fire Resistance
Résistance au feu*



Marcado N AENOR IEC 61537

*AENOR N Mark IEC 61537
Marquage N AENOR
IEC 61537*



RoHS 2002/95/CE

*WEEE 2012/19/UE
Respect de la RoHS
2002/95/CE*

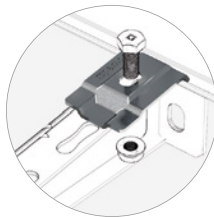


IQNET ISO 9001

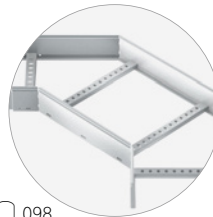


Producto patentado

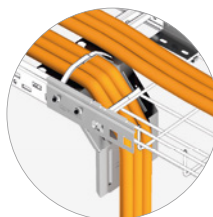
*Patented product
Produit breveté*



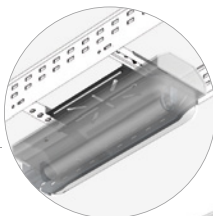
090



098



094



094

Derivación T
Tee
Dérivation T

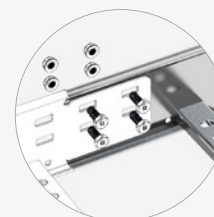
102

Tabique Separador Click
Click Divider
Cloison de séparation Click

092

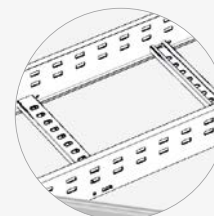
Cruce
Crossover
Croisement

104



Sistema Click de
unión rápida

*Quick Click Joint
System
Système Click de
connexion rapide*



Travesaños
alternos

*Alternate
reversed rungs
Traverses
alternées*



Borde de
seguridad

*Safety edge
Bord de sécurité*



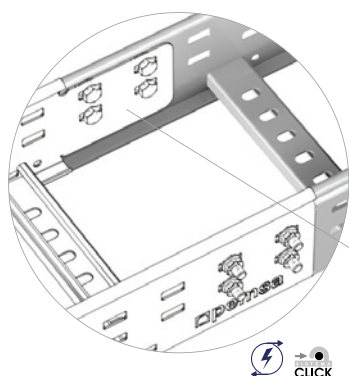
megaband®

Bandejas de Escalera para entornos industriales

Cable ladder for industrial applications

Echelle à câbles pour environnements industriels

Ventajas y características / Advantages and features / Avantages et caractéristiques



Sistema Click de unión rápida

Quick Click Joint System

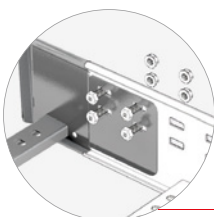
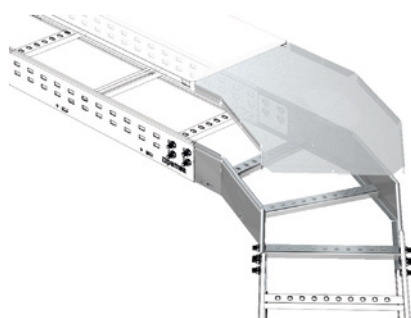
Système Click d'union rapide



Sistema Click de unión rápida en accesorios

Quick Click Joint System on accessories

Système Click d'union rapide des accessoires



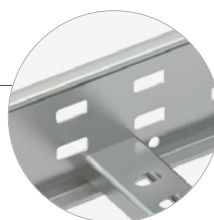
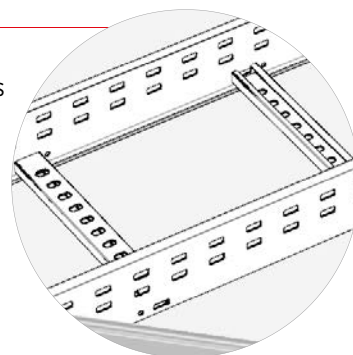
EZ	GC	304	316L
----	----	-----	------

Amplia gama de acabados

Wide range of finishes and coatings

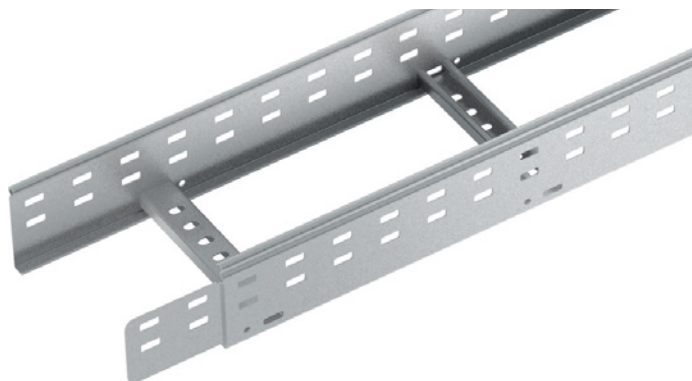
Large gamme de finitions et revêtements

Travesaños alternos.
Aumenta la fijación de cables
*Alternate reversed rungs.
Increased fixings for cables*
Traverses alternées.
*Augmentation des fixations
de câbles*



Borde de seguridad. Protege y fortalece la bandeja
Safety edge. Protects and strengthens the cable ladder
Bord de sécurité. Protège et renforce l'ensemble

Novedades News Nouveautés



304

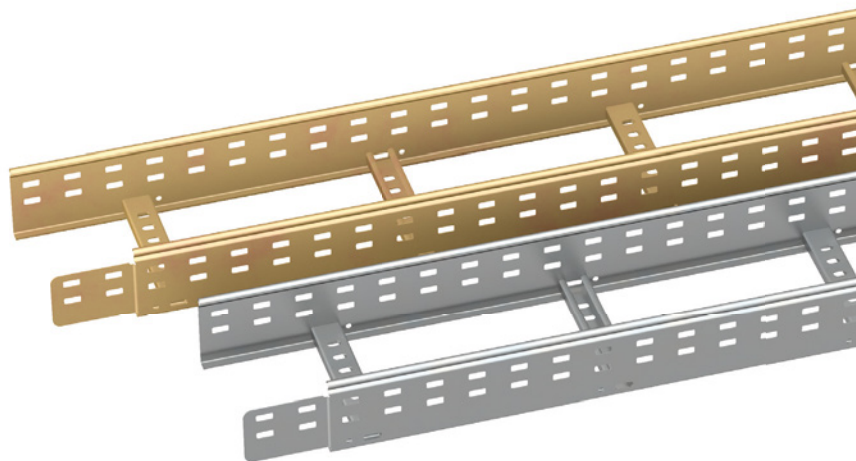
316L

INOX - Stainless Steel

Alta Resistencia
High Resistance
Haute Résistance

084, 086

NEW



BC

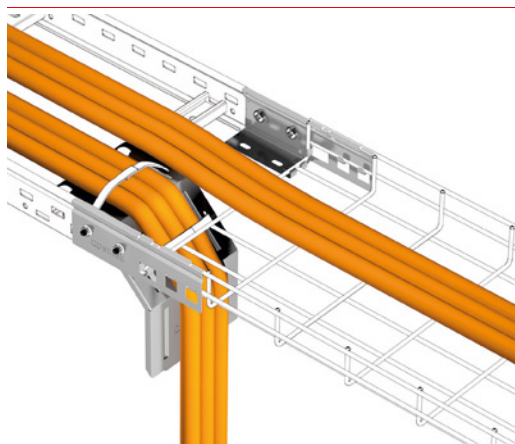
EZ

BYCRO - EZ

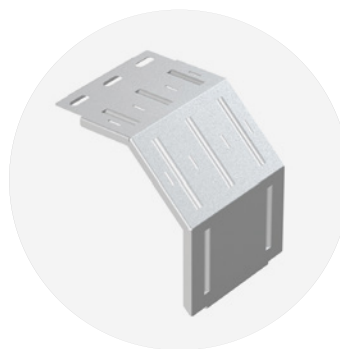
Aplicaciones interiores
Inside applications
Applications intérieures

084, 086

NEW

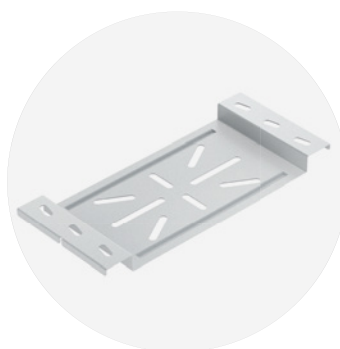
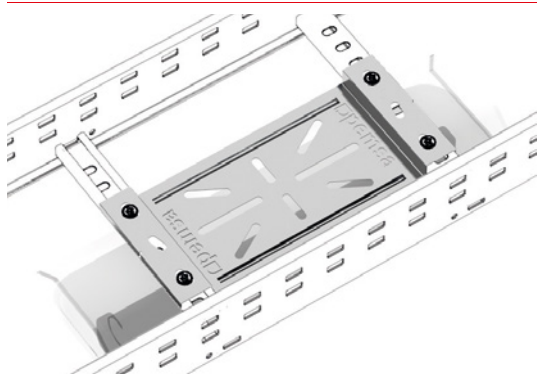


Salida de Cables
Cable Outlet
Sortie de Câbles



094

NEW



Soporte Cajas y Luminarias
Luminaire and Box Support
Support de Boîtes et Points Lumineux

094

NEW



megaband®

60 85

Bandeja de escalera para grandes cargas

Heavy duty cable ladder

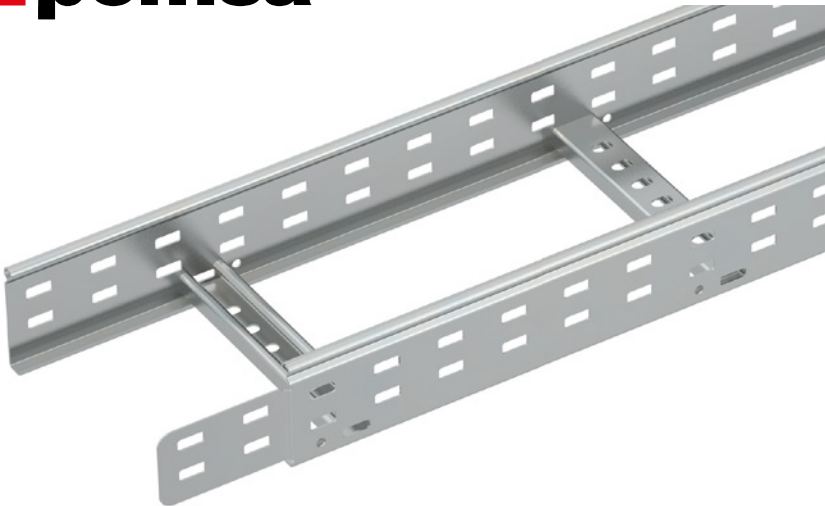
Echelle à câbles pour charges lourdes

60, 85 • 100-1000 • 3000

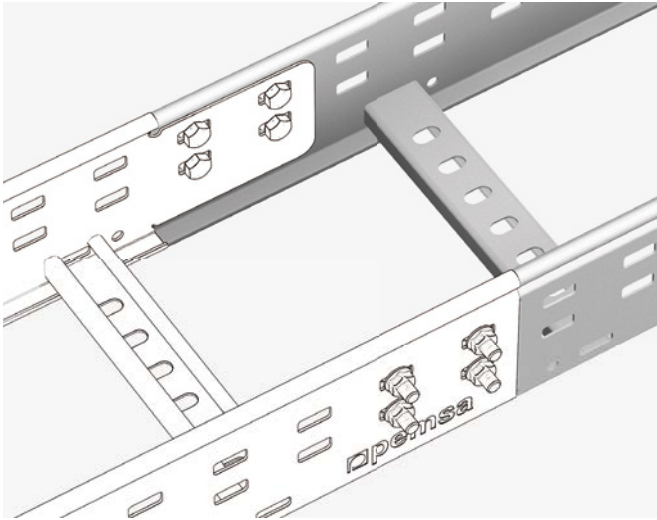
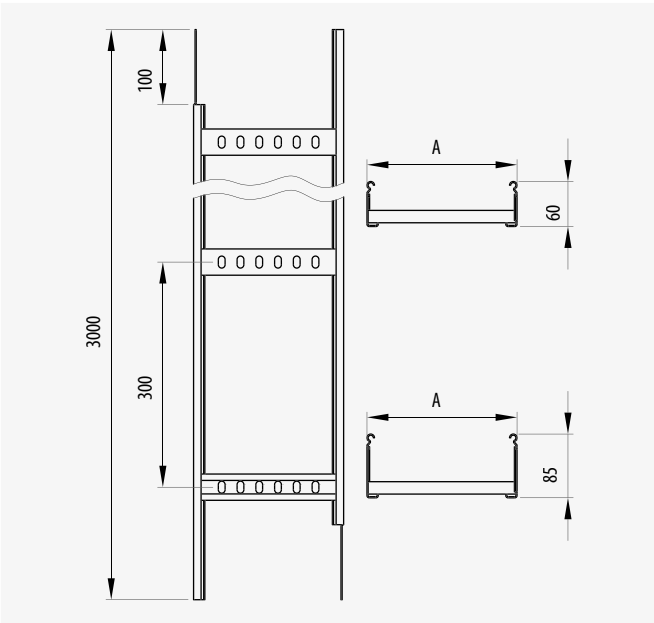


IEC
61537

KVE-1

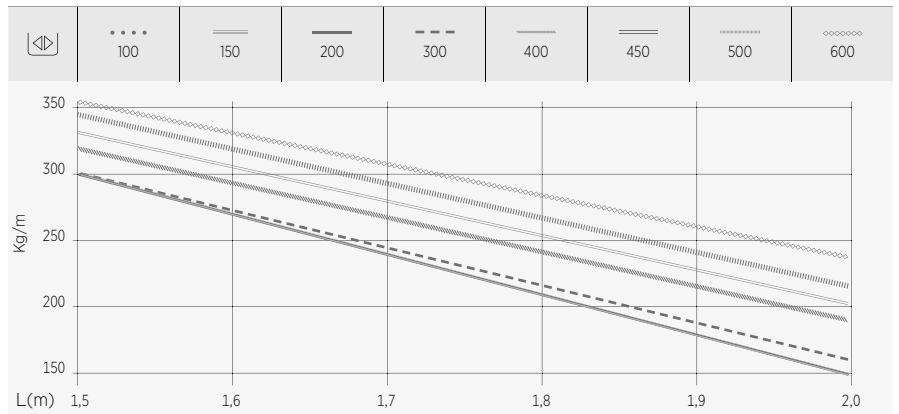


⌈⌋	⌈⌋	EZ	GC	304 ⌈⌋	316L ⌈⌋	kg/m	u
60	100	92012100	92032100	92052100	92062100	2,336	3
	150	92012150	92032150	92052150	92062150	2,484	3
	200	92012200	92032200	92052200	92062200	2,636	3
	300	92012300	92032300	92052300	92062300	2,935	3
	400	92012400	92032400	92052400	92062400	3,234	3
	450	92012450	92032450	92052450	92062450	3,385	3
	500	92012500	92032500	92052500	92062500	4,144	3
	600	92012600	92032600	92052600	92062600	4,443	3
	700	92012700	92032700	92052700	92062700	5,379	3
	800	92012800	92032800	92052800	92062800	5,768	3
85	900	92012900	92032900	92052900	92062900	6,158	3
	1000	92012990	92032990	92052990	92062990	6,547	3
	100	92013100	92033100	92053100	92063100	2,897	3
	200	92013200	92033200	92053200	92063200	3,196	3
	300	92013300	92033300	92053300	92063300	3,495	3
	400	92013400	92033400	92053400	92063400	3,794	3
	500	92013500	92033500	92053500	92063500	4,777	3
	600	92013600	92033600	92053600	92063600	5,076	3
	700	92013700	92033700	92053700	92063700	6,011	3
	800	92013800	92033800	92053800	92063800	6,401	3
Kit megaband® 	900	92013900	92033900	92053900	92063900	6,790	3
	1000	92013990	92033990	92053990	92063990	7,180	3
Kit megaband® 		67010065 + 67020095	67030094	67060065 + 67060062	67060065 + 67060062	090	

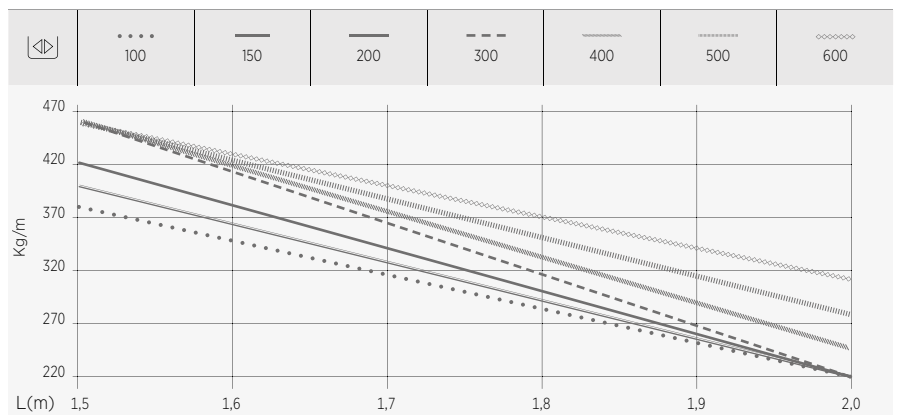




mm	mm	mm ²
60	100	3.478
	150	5.378
	200	7.278
	300	11.078
	400	14.878
	450	16.778
	500	18.678
	600	22.478
	700	26.278
	800	30.078
	900	33.878
	1000	37.678



mm	mm	mm ²
85	100	5.878
	200	12.178
	300	18.478
	400	24.778
	500	31.078
	600	37.378
	700	43.678
	800	49.978
	900	56.278
	1000	62.578



Soportes Reforzados
Heavy Duty Cantilever
Supports Renforcés

IDEA
RPLUS

130



megaband®

100 120

Bandeja de escalera para grandes cargas

Heavy duty cable ladder

Echelle à câbles pour charges lourdes

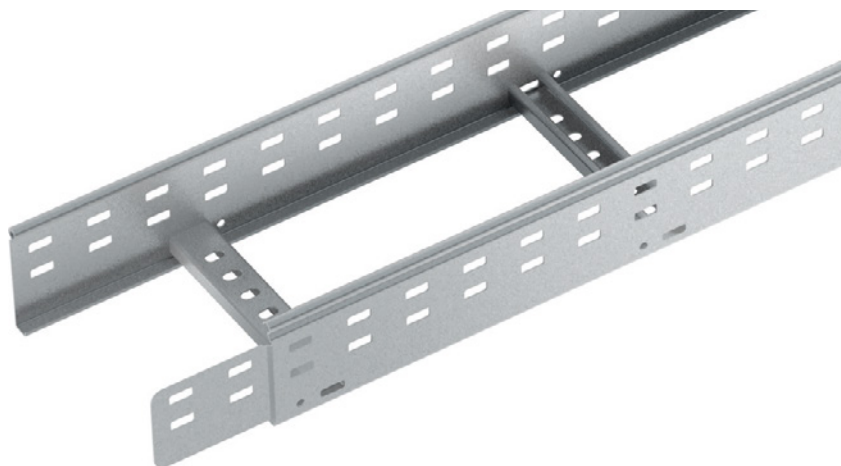
100, 120 • 100-1000 • 3000

IEC
61537

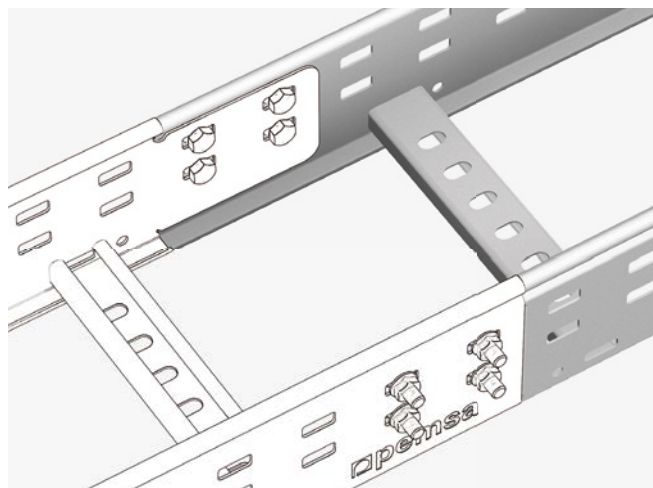
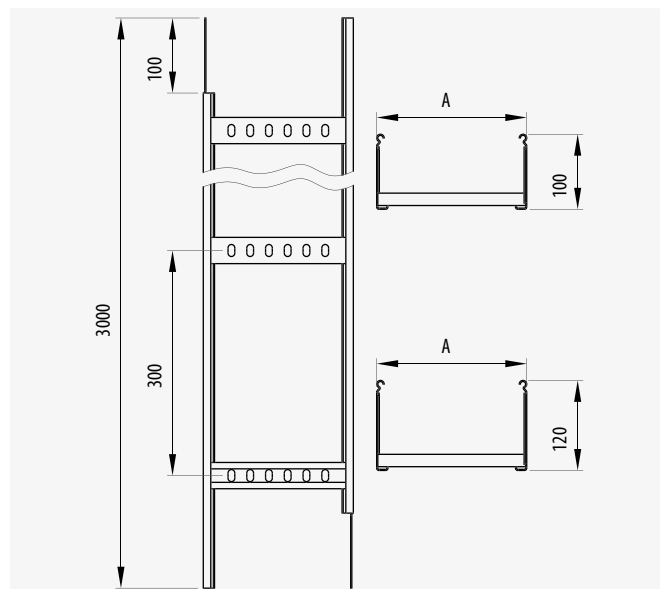
KVE-1



CLICK

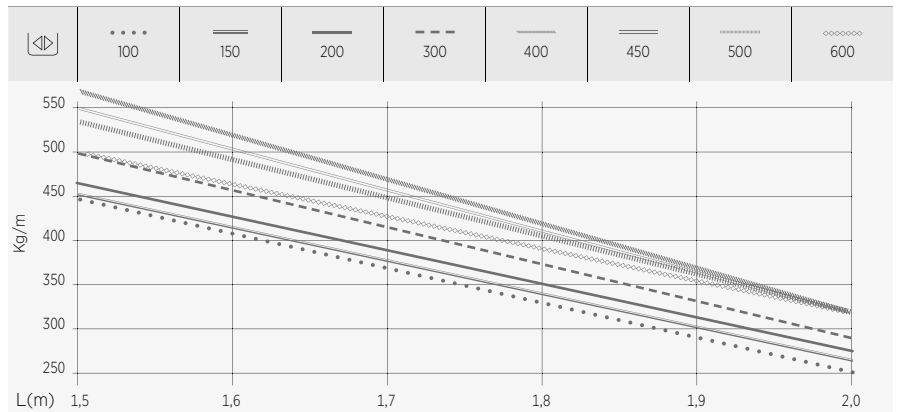


100	120	EZ	GC	304	316L	kg/m	u
100	100	92014100	92034100	92054100	92064100	3,287	3
100	150	92014150	92034150	92054150	92064150	3,435	3
100	200	92014200	92034200	92054200	92064200	3,586	3
100	300	92014300	92034300	92054300	92064300	3,885	3
100	400	92014400	92034400	92054400	92064400	4,184	3
100	450	92014450	92034450	92054450	92064450	4,336	3
100	500	92014500	92034500	92054500	92064500	5,285	3
100	600	92014600	92034600	92054600	92064600	5,584	3
100	700	92014700	92034700	92054700	92064700	6,519	3
100	750	92014750	92034750	92054750	92064750	6,714	3
100	800	92014800	92034800	92054800	92064800	6,909	3
100	900	92014900	92034900	92054900	92064900	7,298	3
100	1000	92014990	92034990	92054990	92064990	7,688	3
120	100	92015100	92035100	92055100	92065100	3,806	3
120	150	92015150	92035150	92055150	92065150	3,954	3
120	200	92015200	92035200	92055200	92065200	4,105	3
120	300	92015300	92035300	92055300	92065300	4,405	3
120	400	92015400	92035400	92055400	92065400	4,704	3
120	450	92015450	92035450	92055450	92065450	4,855	3
120	500	92015500	92035500	92055500	92065500	5,962	3
120	600	92015600	92035600	92055600	92065600	6,261	3
120	700	92015700	92035700	92055700	92065700	7,196	3
120	750	92015750	92035750	92055750	92065750	7,391	3
120	800	92015800	92035800	92055800	92065800	7,586	3
120	900	92015900	92035900	92055900	92065900	7,975	3
120	1000	92015990	92035990	92055990	92065990	8,365	3
Kit megaband® 		67010065 + 67020095	67030094	67060065 + 67060062	67060065 + 67060062	090	

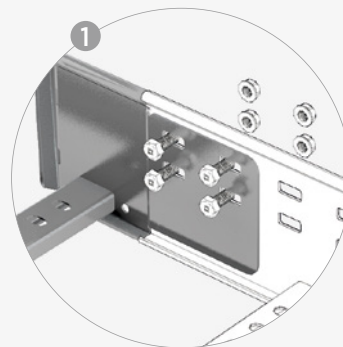
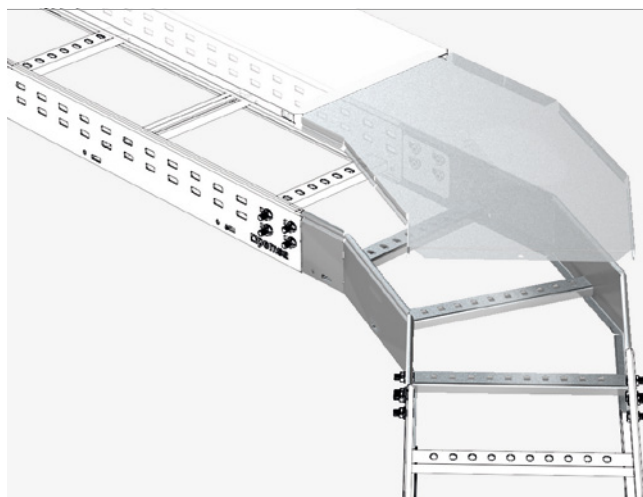
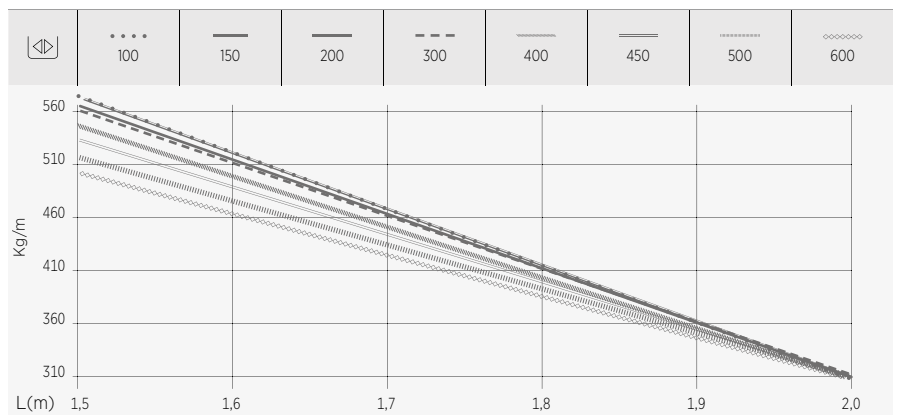




mm	mm	mm ²
100	100	7.318
	150	11.118
	200	15.118
	300	22.918
	400	30.718
	450	34.518
	500	38.518
	600	46.318
	700	54.118
	750	57.918
	800	61.918
	900	69.718
	1000	77.518



mm	mm	mm ²
120	100	9.238
	150	14.138
	200	19.038
	300	28.838
	400	38.638
	450	43.538
	500	48.438
	600	58.238
	700	68.038
	750	72.938
	800	77.838
	900	87.638
	1000	97.438



Sistema
Click en
Accesorios

Click
System on
Accessories

Système
Click en
Accessoires

IDEA



No necesita uniones
No Couplers needed
Pas besoin d'unions



megaband®

60 85 100 120

Bandeja de escalera 6 metros por tramo

Cable ladder 6 metre length

Echelle à câbles longueur 6 mètres

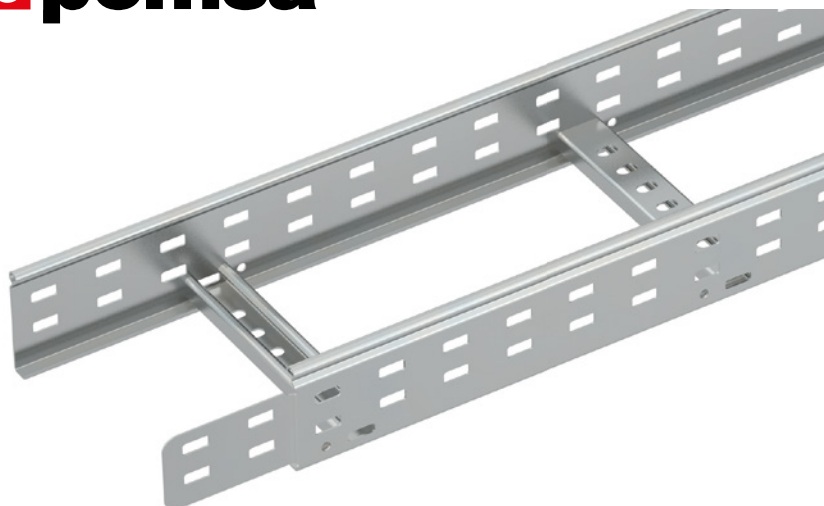
| 60, 85, 100, 120 • | 100-1000 • 6000

IEC
61537

KVE-1

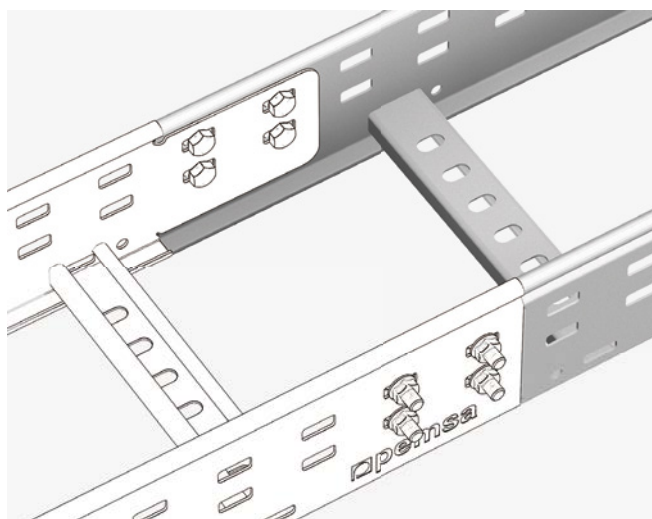
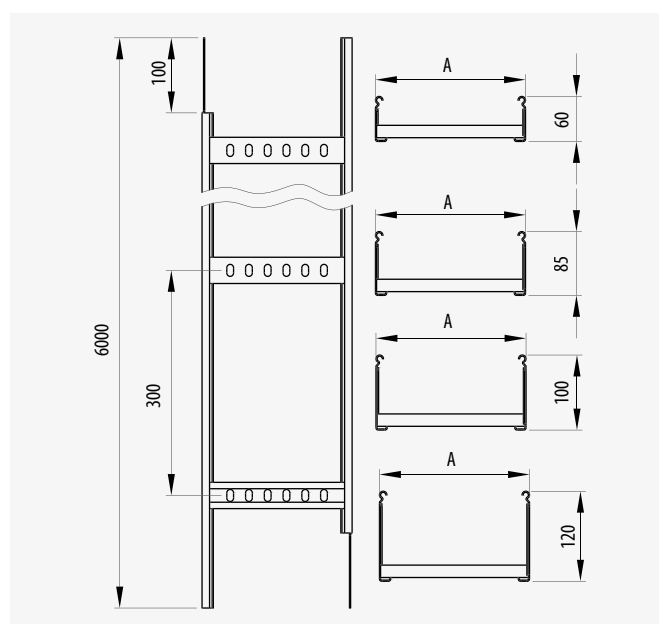


CLICK



		GC	kg/m	u
60	100	92132100	2,339	6
	200	92132200	2,639	6
	300	92132300	2,938	6
	400	92132400	3,273	6
	500	92132500	4,147	6
	600	92132600	4,446	6
	700	92132700	5,381	6
	800	92132800	5,771	6
	900	92132900	6,161	6
	1000	92132990	6,551	6
85	100	92133100	2,842	6
	-	-	-	-
	200	92133200	3,142	6
	300	92133300	3,441	6
	400	92133400	3,741	6
	-	-	-	-
	500	92133500	4,729	6
	600	92133600	5,028	6
	700	92133700	5,963	6
	-	-	-	-
	800	92133800	6,353	6
	900	92133900	6,742	6
	1000	92133990	7,132	6
Kit megaband® 		67030094	+ 090	

		GC	kg/m	u
100	100	92134100	3,251	6
	200	92134200	3,549	6
	300	92134300	3,849	6
	400	92134400	4,148	6
	500	92134500	5,248	6
	600	92134600	5,548	6
	700	92134700	6,483	6
	800	92134800	6,872	6
	900	92134900	7,262	6
	1000	92134990	7,651	6
120	100	92135100	3,757	6
	150	92135150	3,905	6
	200	92135200	4,057	6
	300	92135300	4,356	6
	400	92135400	4,655	6
	450	92135450	4,806	6
	500	92135500	5,913	6
	600	92135600	6,212	6
	700	92135700	7,147	6
	750	92135750	7,342	6
	800	92135800	7,537	6
	900	92135900	7,926	6
	1000	92135990	8,316	6
Kit megaband® 		67030094	+ 090	



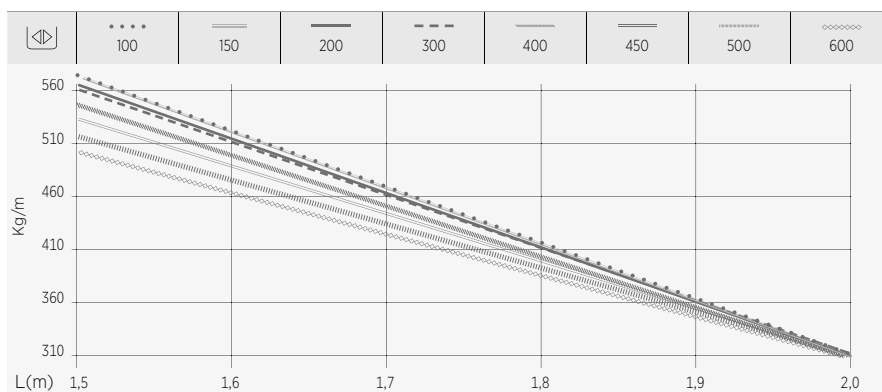
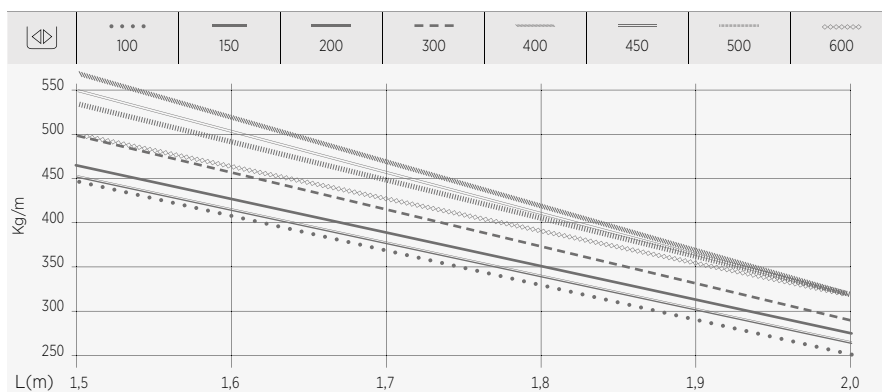
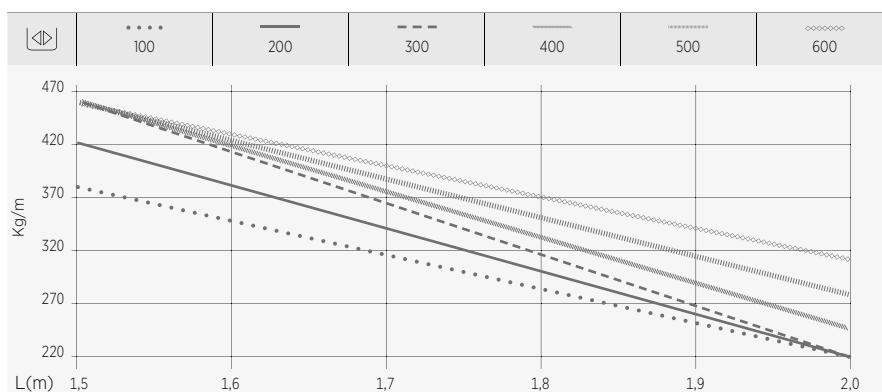
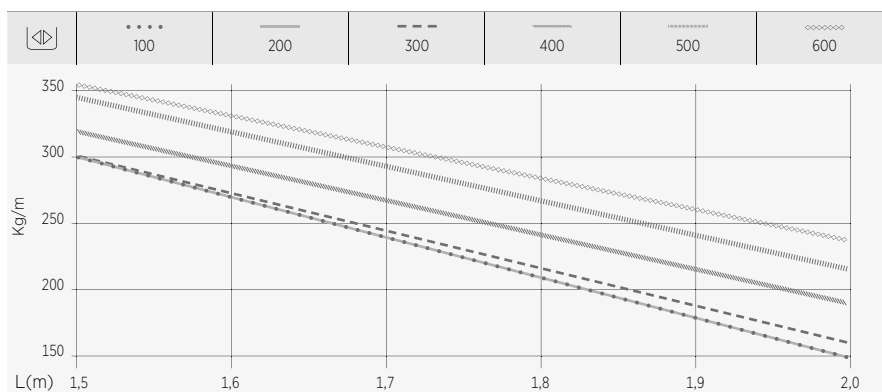


 mm	 mm	mm ²
60	100	3.478
	200	7.278
	300	11.078
	400	14.878
	500	18.678
	600	22.478
	700	26.278
	800	30.078
	900	33.878
	1000	37.678

 mm	 mm	mm ²
85	100	5.878
	200	12.178
	300	18.478
	400	24.778
	500	31.078
	600	37.378
	700	43.678
	800	49.978
	900	56.278
	1000	62.578

 mm	 mm	mm ²
100	100	7.318
	150	11.118
	200	15.118
	300	22.918
	400	30.718
	450	34.518
	500	38.518
	600	46.318
	700	54.118
	750	57.918
	800	61.918
	900	69.718
	1000	77.518

 mm	 mm	mm ²
120	100	9.238
	150	14.138
	200	19.038
	300	28.838
	400	38.638
	450	43.538
	500	48.438
	600	58.238
	700	68.038
	750	72.938
	800	77.838
	900	87.638
	1000	97.438





Kit Unión

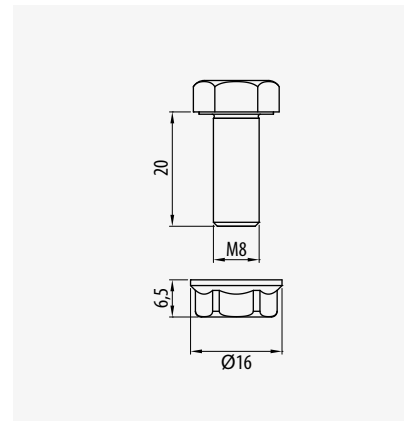
Joint Kit

Kit Éclisse



	M	Ref	kg/u	u
GC	M8x20+M8	67030094	0,018	100

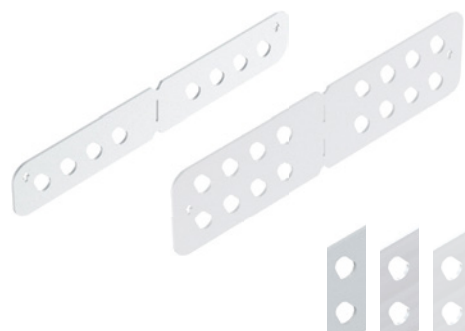
	M	Ref 1	Ref 2	u
EZ	M8x20+M8	67010065	67020095	100
316L	M8x20+M8	67060065	67060062	100



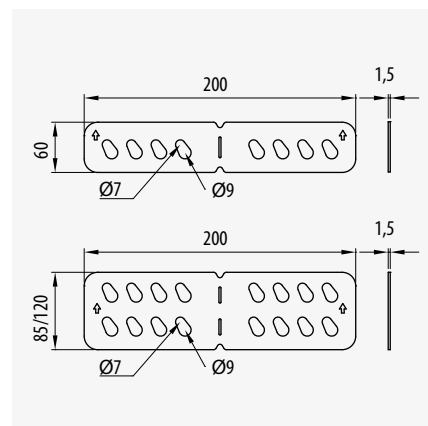
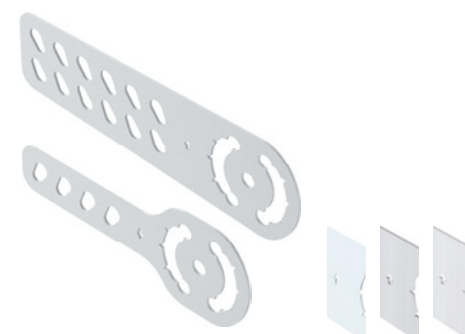
Unión Recta

Coupler

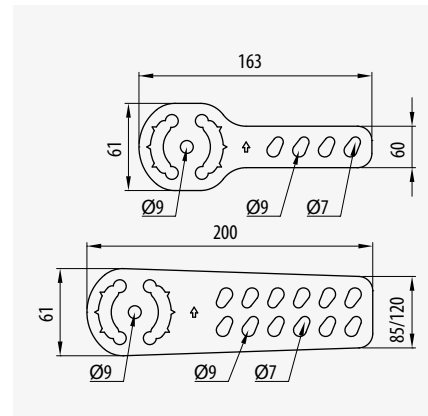
Éclisse



	A	Ref	kg/u	u
EZ	60	93910002	0,076	50
	85/120	93910003	0,113	50
GC	60	93930002	0,078	50
	85/120	93930003	0,115	50
304	60	93950002	0,075	50
	85/120	93950003	0,112	50
316L	60	93960002	0,075	50
	85/120	93960003	0,112	50

Bisagra
megaband®Riser/
DropperCharnière
megaband®

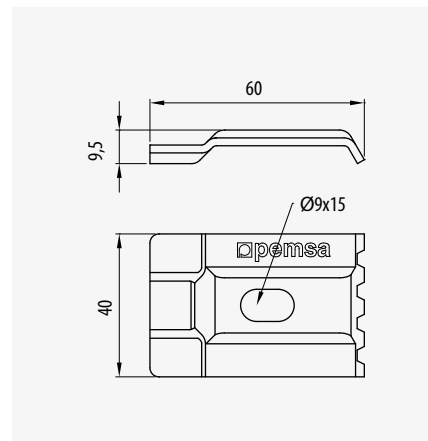
	A	Ref	kg/u	u
EZ	60	93910012	0,057	8
	85/120	93910013	0,102	8
GC	60	93930012	0,061	8
	85/120	93930013	0,108	8
304	60	93950012	0,057	8
	85/120	93950013	0,100	8
316L	60	93960012	0,057	8
	85/120	93960013	0,100	8

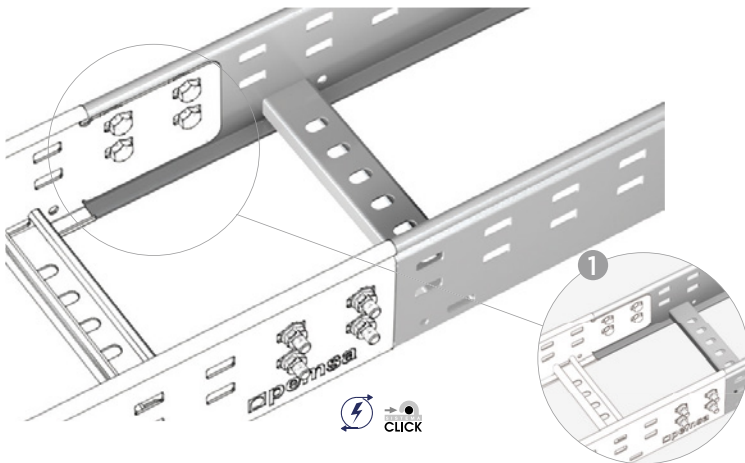


Fijación

Hold Down
ClampBride pour
console

	Ref	kg/u	u
PG	93910021	0,043	50
GC	93930021	0,044	50
304	93950021	0,043	50
316L	93960021	0,043	50





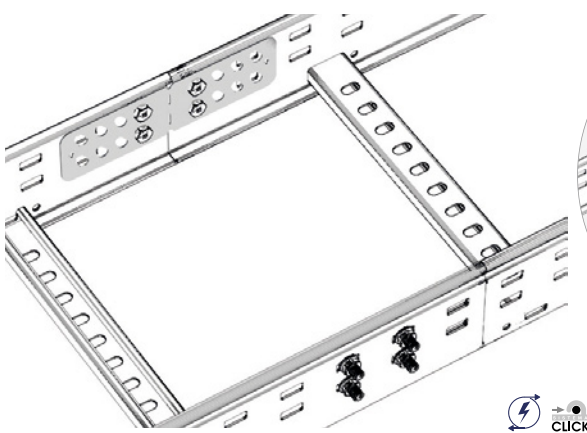
	x 4	60		090
	x 8	85 / 100 / 120		

M8x20

Sistema Enchufable.
Ahorro en material y tiempo.
Máxima resistencia de cargas.

Click System. Time and Cost Savings.
Increases the Load Capacity.

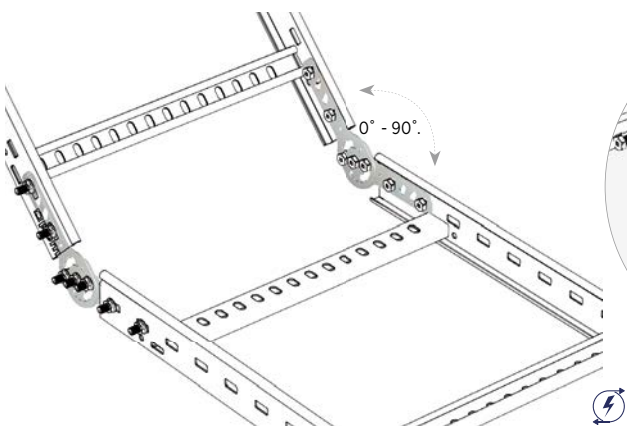
Système Click. Economie de temps
et de matériaux. Résistance maximale.



	x 2	60		090
	x 4	85 / 100 / 120		

M8x20

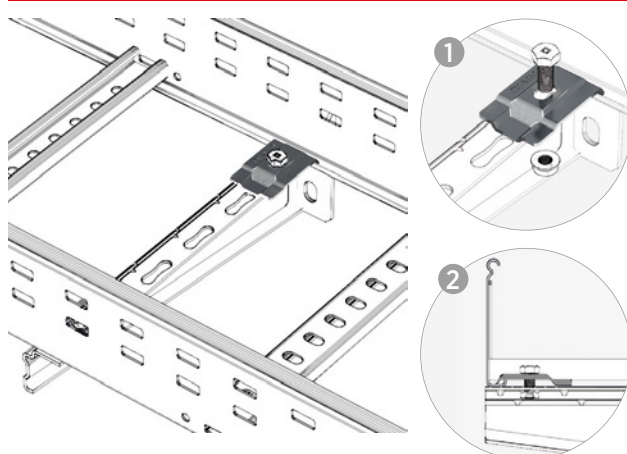
Sólo una unión!!
Only one Joint
Seulement
une éclipse



	4 + 3 + 4	60		090
	8 + 3 + 8	85 / 100 / 120		

M8x20

Ángulo Variable 0°-90°!!
Adjustable Angle 0°-90°
Angle variable 0°-90°



	100 - 150	1		090
	200 - 600	2		

M8x20

Mejora la fijación. Incrementa cargas!!
Improved fixing. Increased loads
Améliore la fixation. Augmente les charges



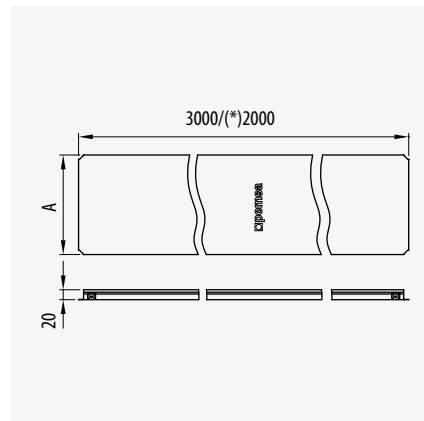
Tapa Recta

Straight
Cover

Couverture



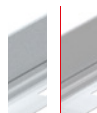
	A	Ref	kg/m	m
PG	100	73021100	0,646	24
	150	73021150	0,882	12
	200	73021200	1,118	12
	300	73021300	1,854	6
	400	73021400	2,404	6
	500	73021500	3,377	6
	600	73021600	4,006	6
GC	100	73031100	0,770	24
	150	73031150	1,063	12
	200	73031200	1,349	12
	300	73031300	2,184	6
	400	73031400	2,828	6
	450	73031450	3,556	6
	500	73031500	3,913	6
	600	73031600	4,642	6
	700	73031700*	5,379	6
	750	73031750*	5,802	4
304	800	73031800*	6,172	4
	900	73031900*	6,913	4
	1000	73031990*	7,653	4
	100	73051100	0,536	24
	150	73051150	0,732	12
	200	73051200	0,940	12
	300	73051300	1,333	6
	400	73051400	2,056	6
	500	73051500	2,532	6
	600	73051600	3,495	6



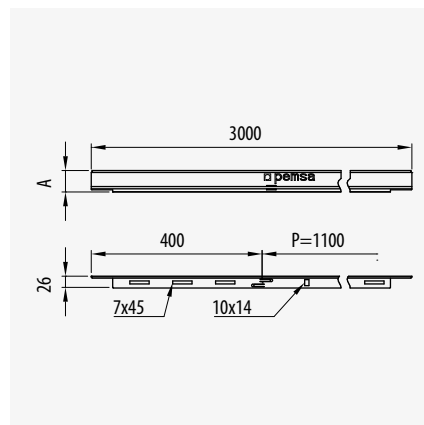
	A	Ref	kg/m	m
316L	100	73061100	0,536	24
	150	73061150	0,732	12
	200	73061200	0,940	12
	300	73061300	1,333	6
	400	73061400	2,056	6
	500	73061500	2,532	6
	600	73061600	3,495	6

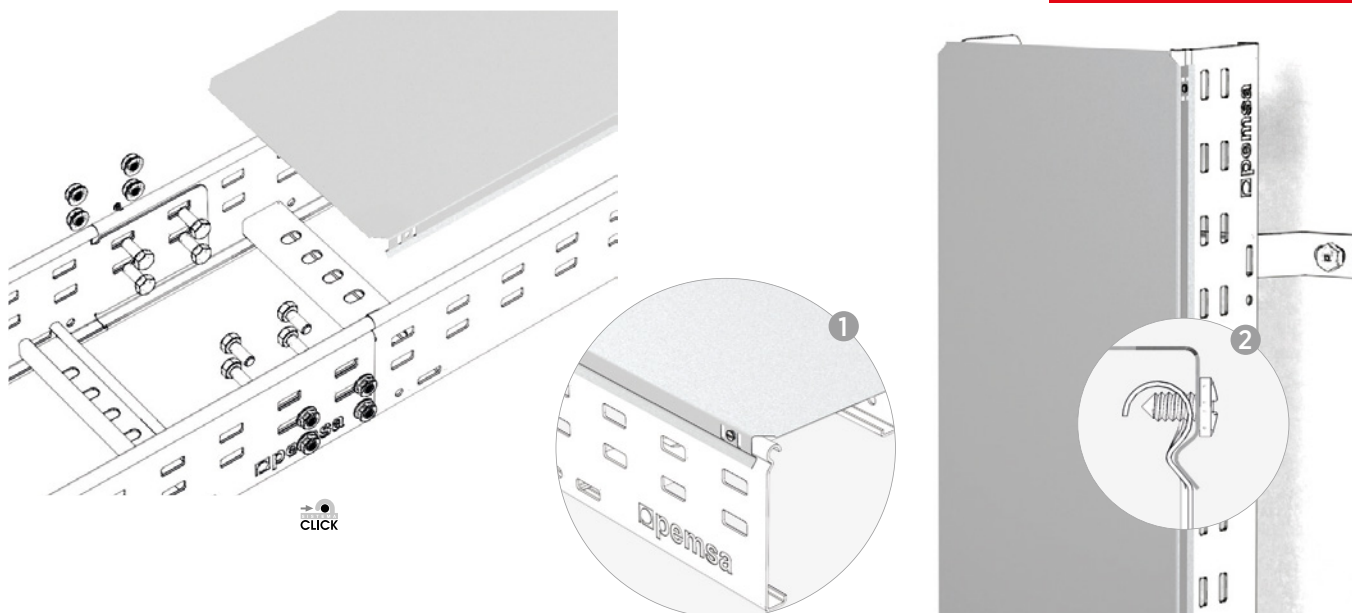
Tabique
Separ Click

Click Divider

Cloison de
séparation
Click

	A	Ref	kg/m	m
PG	60	67020611	0,312	48
	85/120	67020612	0,444	36
GC	60	67030611	0,384	48
	85/120	67030612	0,541	36
316L	60	67060611	0,305	48
	85/120	67060612	0,430	36





Sistema Click. Sin fijaciones!!

Click System. No fittings are required
Système Click. Sans fixations

Fijación vertical segura!!

Safe vertical installation
Fixation verticale assurée



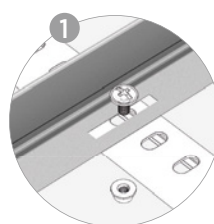
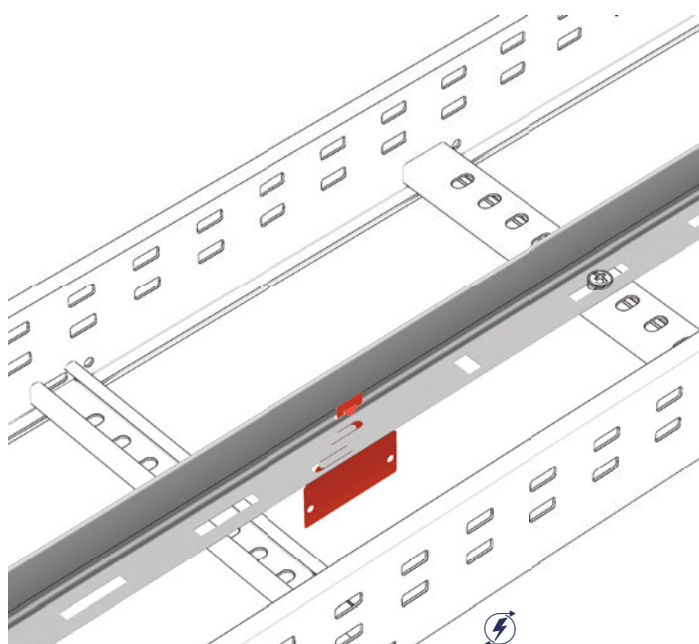
Compatible con:

Compatible with:
Compatible avec:

rejiband®

pemsaband®

megaband®



M6x30 67030093 166

Fácil organización de cables!!

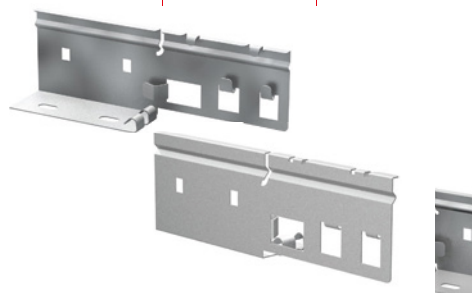
Easy cable management
Facile distribution des câbles



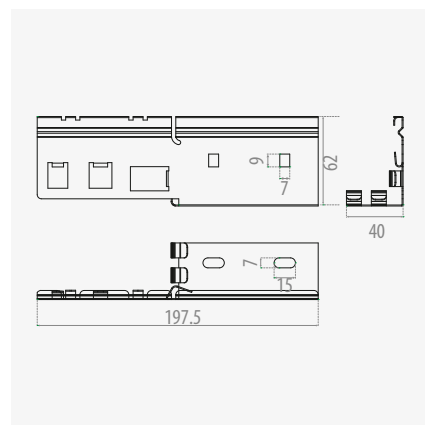
Unión
reijiband®-
megaband®

reijiband®
megaband®
Coupler

Éclisse
reijiband®-
megaband®



	Ref	kg/u	u
PG	70120200	0,190	1
GC	70130200	0,214	1



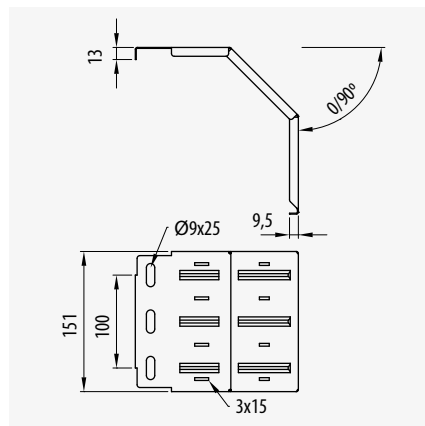
Salida de
Cables

Cable Outlet

Sortie de
Câbles



	Ref	kg/u	u
GC	93930004	0,417	1



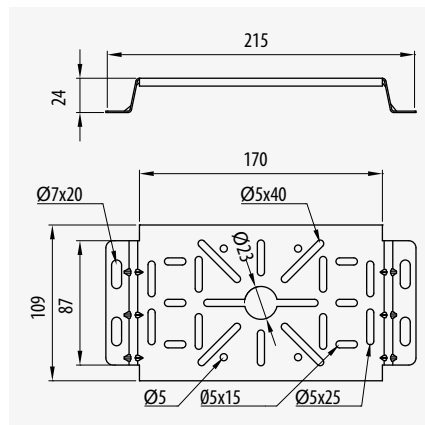
Soporte
Cajas

Universal
Bracket

Support pour
Boîtes



	Ref	kg/u	u
PG	70420911	0,179	10
GC	70430911	0,197	10



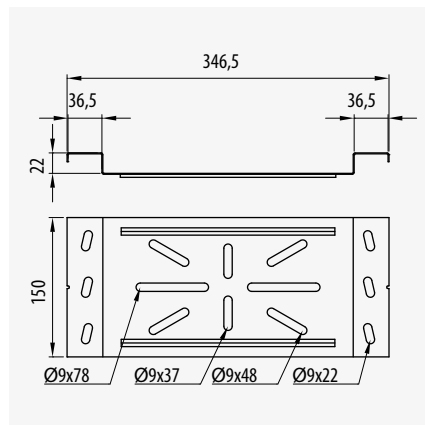
Soporte
Universal

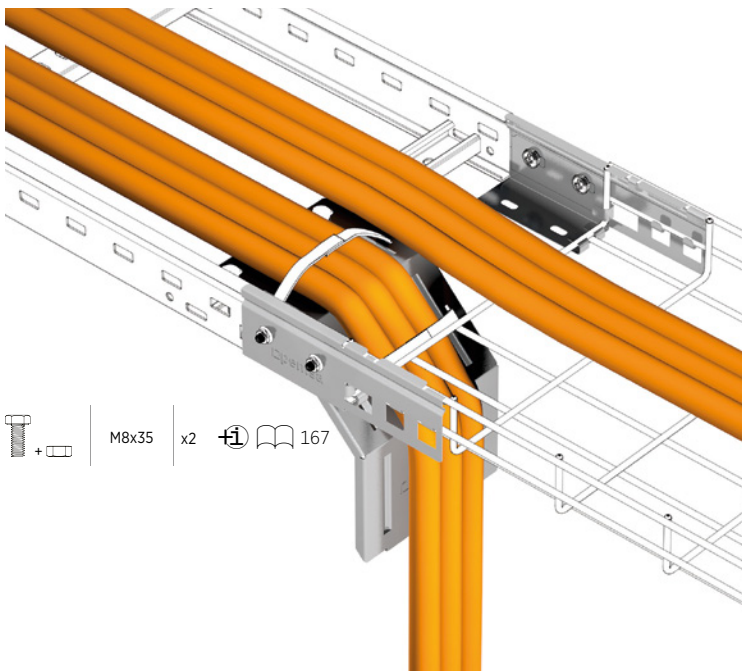
Luminaire
and Box
Support

Support
Universel



	Ref	kg/u	u
GC	93930005	0,497	5





M8x35 x2 167



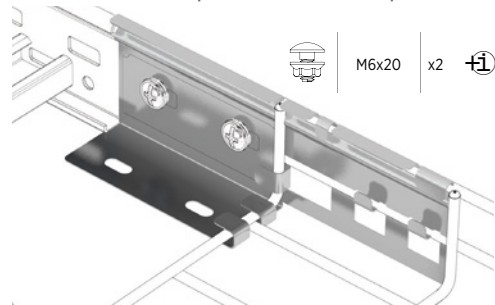
x2

166

Solución definitiva.
Unión perfecta.
Acabado profesional

Definitive solution.
Perfect coupling. Professional finish

Solution définitive.
Union parfaite. Finition professionnelle.

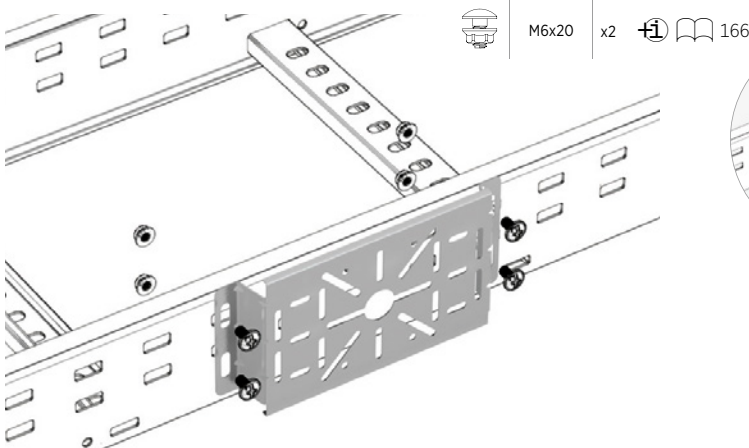


M6x20 x2

166

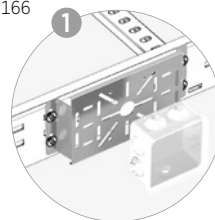
Imprescindible. Garantiza la curvatura!!

Essential. Guarantees the curve
Indispensable. Courbe assurée



M6x20 x2

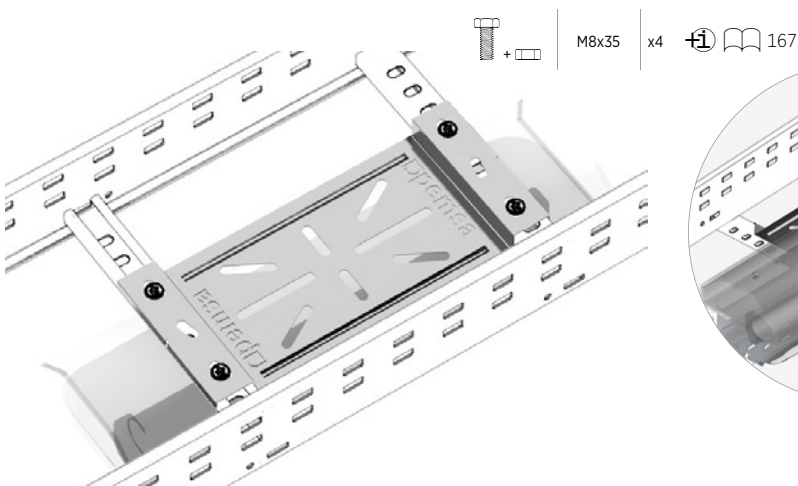
166



Versátil.
Fijación de:
• Cajas
• Luminarias
• CCTV
• Routers, etc.

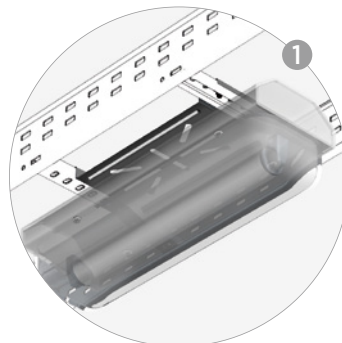
Versatile.
Fixing of:
• Boxes
• Luminaires
• CCTV
• Routers, etc

Fixation
versatile de:
• Boîtes
• Points lumineux
• CCTV
• Routers, etc...



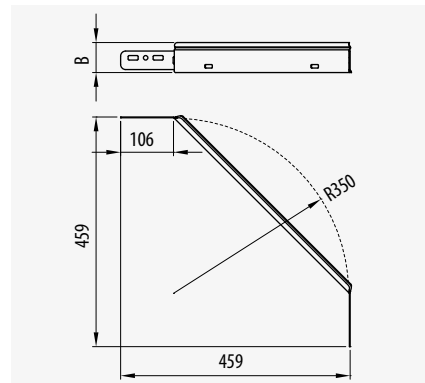
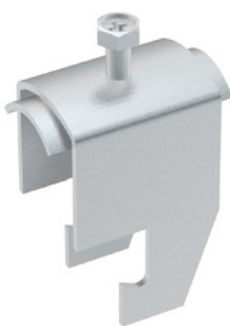
M8x35 x4

167

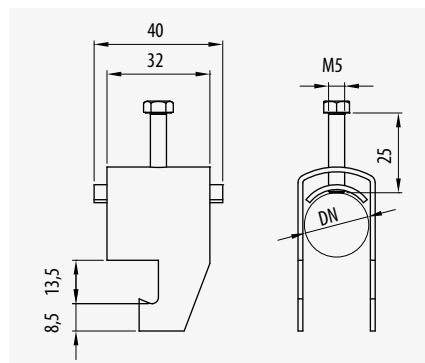
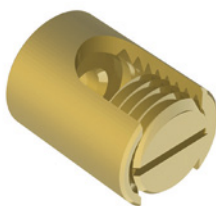



**Derivación
Empalme**
**Side
Connector**
Dérivation

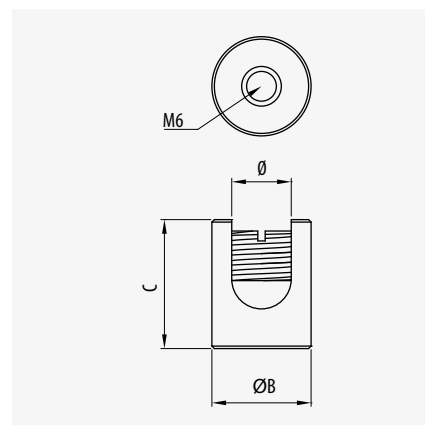

	A	Ref	kg/u	u
GC	60	93930202	1,126	1
	85	93930203	1,502	1
	100	93930204	1,680	1
	120	93930205	1,914	1


**Abrazadera
Cables**
**Metal Cable
Clamp**
**Anneau á
Cables**


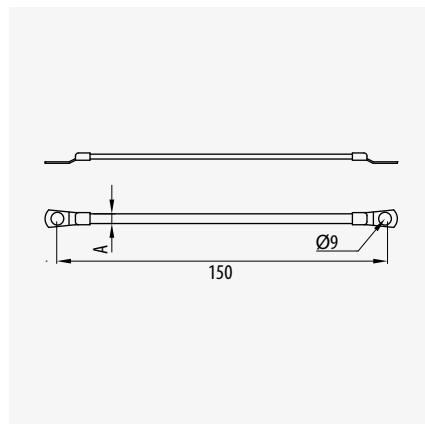
	A	Ref	kg/u	u
GC	DN10	93930110	0,042	1
	DN15	93930115	0,048	1
	DN20	93930120	0,062	1
	DN25	93930125	0,073	1
	DN32	93930132	0,085	1
	DN40	93930140	0,099	1
	DN45	93930145	0,110	1
	DN50	93930150	0,161	1
	DN60	93930160	0,185	1
	DN70	93930170	0,211	1
	DN80	93930180	0,243	1
	DN90	93930190	0,277	1


**Borna Equipo-
tencialidad**
**Bonding
Connector**
Borne de terre


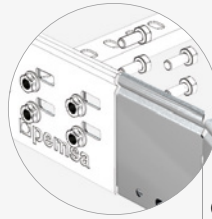
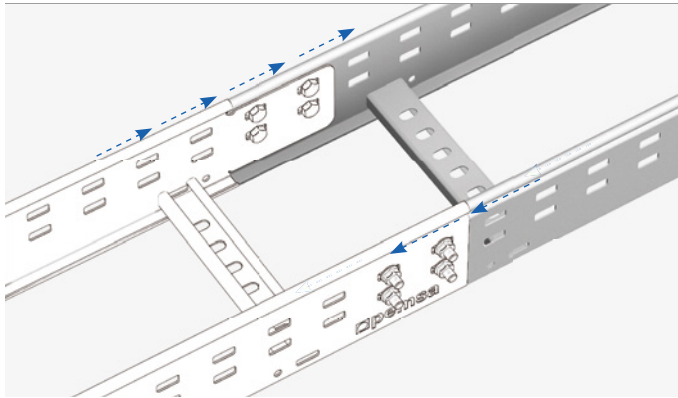
	A (mm²)	Ø máx (mm)	Ref	kg/u	u
LAT	16-50	8,0	68000034	0,024	20
	50-110	11,5	68000035	0,043	20


**Conector
Trenzado**
**Earth Continuity
Connector**
**Connecteur
continuité
mise à terre**


	A (mm²)	Ref	kg/u	u
LAT	12	68000036	0,014	10
	16	68000037	0,020	10



IDEA



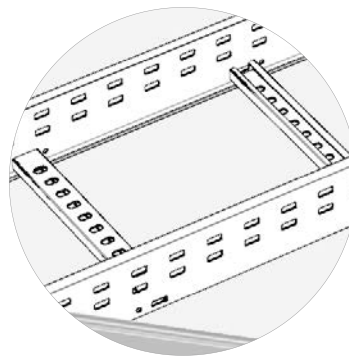
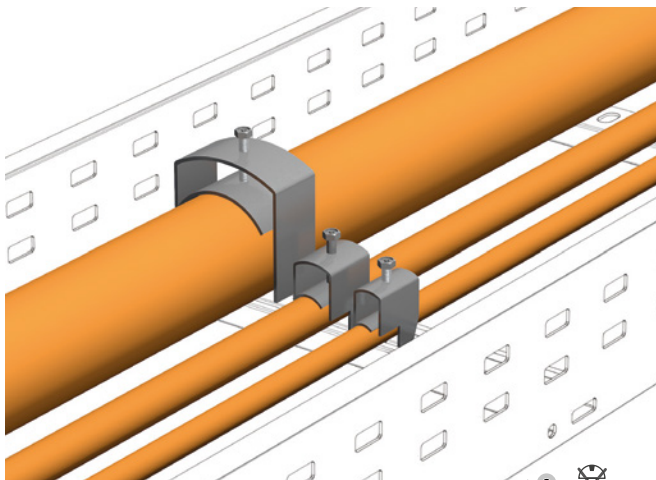
Continuidad eléctrica
conforme con:
Electrical Continuity
acc. to:
Continuité électrique
avec:



<50mΩ

IEC
61537

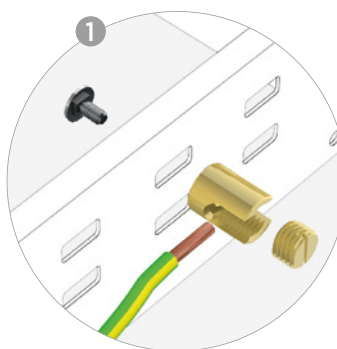
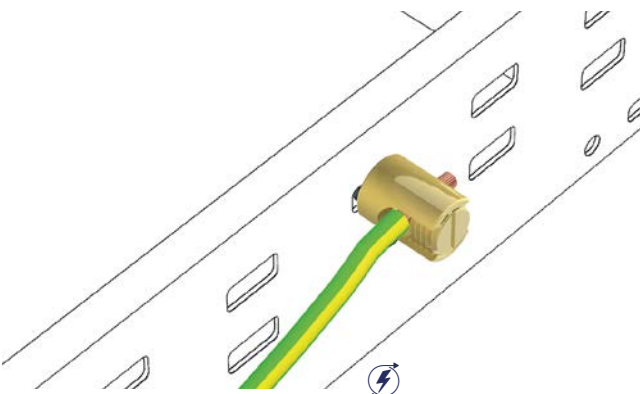
1 166 242



Travesaños alternos. Más opciones de fijación!!

Alternate reversed rungs. Increased fixing options.

Traverses alternées. Plus de possibilités pour fixer

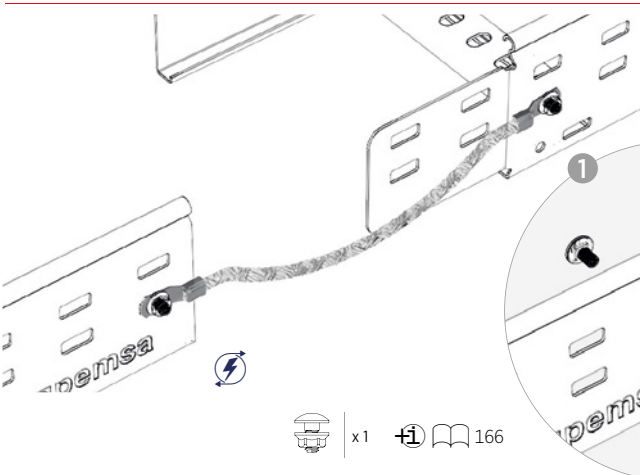


x 1

1 166

Consultar Ejemplos de
Conexión Equipotencial
Consult Examples of
Equipotential Bonding
Consulter les exemples
de connexion à terre

1 166 242



Asegura la Continuidad Eléctrica en
discontinuidades de bandeja debido a:

- Dilataciones
- Vibraciones
- Requerimientos Sísmicos

Electrical Continuity guaranteed on disconnections
between trays due to:

- Expansions
- Vibrations
- Earthquake requirements

Assure la continuité électrique en cas de:

- Dilatations
- Vibrations
- Secousses sismiques



x 1

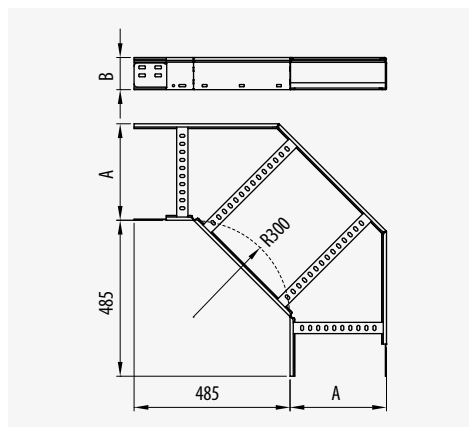
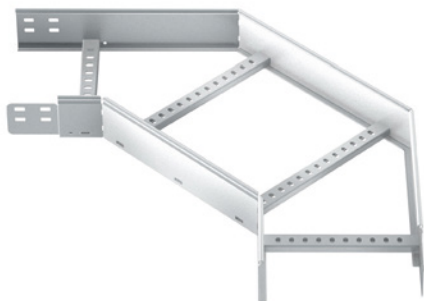
1 166



Curva 90°

90° Bend

Courbe 90°



		EZ	GC	304	306L	kg/u	
60	100	93012100	93032100	93052100	93062100	2,187	1
	150	93012150	93032150	93052150	93062150	2,411	1
	200	93012200	93032200	93052200	93062200	2,638	1
	300	93012300	93032300	93052300	93062300	3,419	1
	400	93012400	93032400	93052400	93062400	3,983	1
	450	93012450	93032450	93052450	93062450	4,258	1
	500	93012500	93032500	93052500	93062500	5,299	1
	600	93012600	93032600	93052600	93062600	6,276	1
	700	93012700	93032700	93052700	93062700	7,651	1
	800	93012800	93032800	93052800	93062800	8,355	1
	900	93012900	93032900	93052900	93062900	9,058	1
85	1000	93012990	93032990	93052990	93062990	9,762	1
	100	93013100	93033100	93053100	93063100	2,771	1
	200	93013200	93033200	93053200	93063200	3,276	1
	300	93013300	93033300	93053300	93063300	4,168	1
	400	93013400	93033400	93053400	93063400	4,728	1
	500	93013500	93033500	93053500	93063500	6,333	1
	600	93013600	93033600	93053600	93063600	7,379	1
	700	93013700	93033700	93053700	93063700	8,825	1
	800	93013800	93033800	93053800	93063800	9,598	1
	900	93013900	93033900	93053900	93063900	10,372	1
100	1000	93013990	93033990	93053990	93063990	11,146	1
	100	93014100	93034100	93054100	93064100	3,129	1
	150	93014150	93034150	93054150	93064150	3,396	1
	200	93014200	93034200	93054200	93064200	3,665	1
	300	93014300	93034300	93054300	93064300	4,560	1
	400	93014400	93034400	93054400	93064400	5,002	1
	450	93014450	93034450	93054450	93064450	5,501	1
	500	93014500	93034500	93054500	93064500	6,958	1
	600	93014600	93034600	93054600	93064600	8,055	1
	700	93014700	93034700	93054700	93064700	9,543	1
	750	93014750	93034750	93054750	93064750	9,950	1
	800	93014800	93034800	93054800	93064800	10,358	1
120	900	93014900	93034900	93054900	93064900	11,172	1
	1000	93014990	93034990	93054990	93064990	11,990	1
	100	93015100	93035100	93055100	93065100	3,607	1
	150	93015150	93035150	93055150	93065150	3,894	1
	200	93015200	93035200	93055200	93065200	4,158	1
	300	93015300	93035300	93055300	93065300	5,124	1
	400	93015400	93035400	93055400	93065400	5,788	1
	450	93015450	93035450	93055450	93065450	6,130	1
	500	93015500	93035500	93055500	93065500	7,810	1
	600	93015600	93035600	93055600	93065600	8,956	1
	700	93015700	93035700	93055700	93065700	10,500	1
	750	93015750	93035750	93055750	93065750	10,936	1
	800	93015800	93035800	93055800	93065800	11,371	1
	900	93015900	93035900	93055900	93065900	12,243	1
	1000	93015990	93035990	93055990	93065990	13,115	1



SOLUTIONS

Energía

Energy

Energie

megaband®

GC



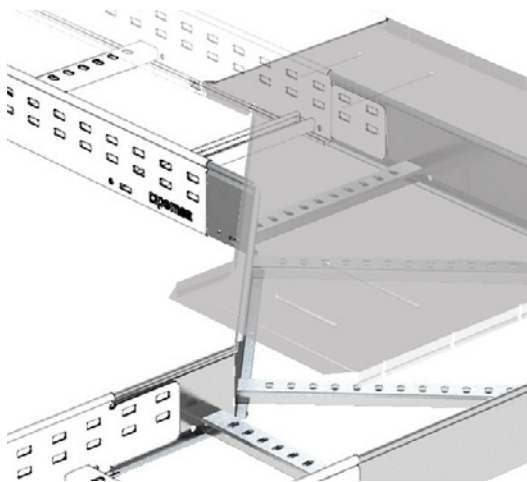
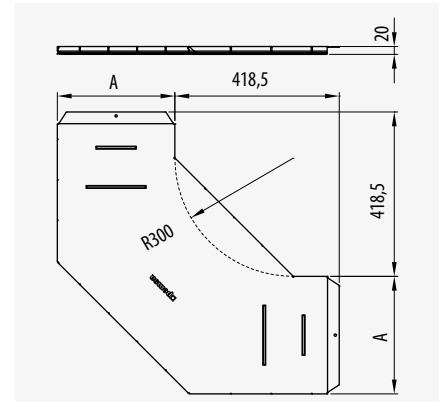
Tapa Curva
90°

90° Bend
Cover

Couvercle
Courbe 90°

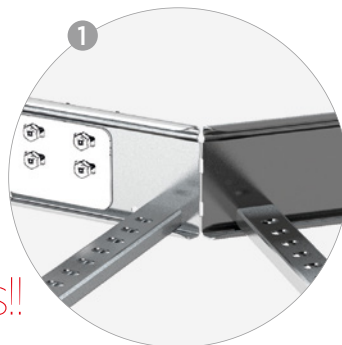
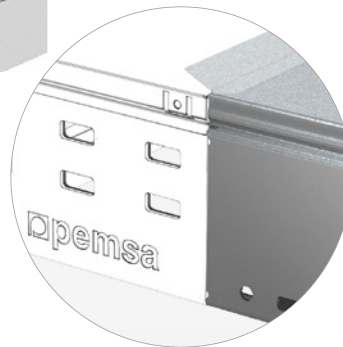


	A	Ref	kg/u	u
GC	100	94030100	0,887	1
	150	94030150	1,169	1
	200	94030200	1,551	1
	300	94030300	2,322	1
	400	94030400	3,204	1
	450	94030450	3,565	1
	500	94030500	4,701	1
	600	94030600	6,060	1
	700	94030700	7,436	1
	750	94030750	7,922	1
	800	94030800	8,952	1
	900	94030900	10,544	1
	1000	94030990	12,282	1



Sistema Click.
Sin fijaciones!!

Click System.
No couplers are required
Système Click.
Sans fixations

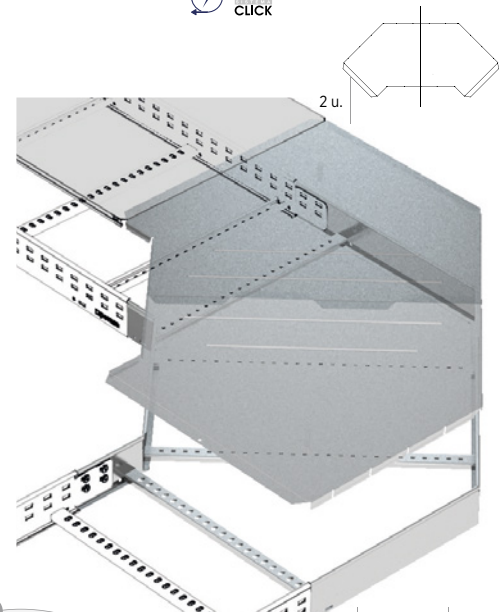


Borde Seguridad.
Protege los cables!!

Safety Edge.
Protects the cables
Bord Sécurité.
Protège les câbles

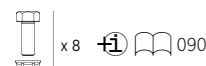


090



Sistema Click.
Sin uniones!!

Click System.
No Couplers needed
Système Click.
Sans unions

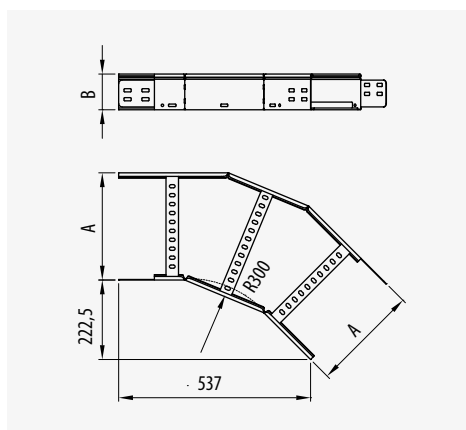
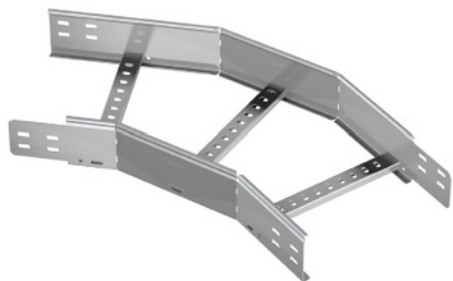




Curva 45°

45° Bend

Courbe 45°



CLICK

		EZ	GC	304	316L	kg/u	U
60	100	93712100	93732100	93752100	93762100	1,543	1
	150	93712150	93732150	93752150	93762150	1,722	1
	200	93712200	93732200	93752200	93762200	1,901	1
	300	93712300	93732300	93752300	93762300	2,258	1
	400	93712400	93732400	93752400	93762400	2,613	1
	450	93712450	93732450	93752450	93762450	2,792	1
	500	93712500	93732500	93752500	93762500	3,450	1
	600	93712600	93732600	93752600	93762600	3,831	1
	700	93712700	93732700	93752700	93762700	4,792	1
	800	93712800	93732800	93752800	93762800	5,256	1
	900	93712900	93732900	93752900	93762900	5,724	1
85	1000	93712990	93732990	93752990	93762990	6,188	1
	100	93713100	93733100	93753100	93763100	1,950	1
	200	93713200	93733200	93753200	93763200	2,334	1
	300	93713300	93733300	93753300	93763300	2,716	1
	400	93713400	93733400	93753400	93763400	3,098	1
	500	93713500	93733500	93753500	93763500	4,113	1
	600	93713600	93733600	93753600	93763600	4,529	1
	700	93713700	93733700	93753700	93763700	5,524	1
	800	93713800	93733800	93753800	93763800	6,022	1
	900	93713900	93733900	93753900	93763900	6,524	1
100	1000	93713990	93733990	93753990	93763990	7,021	1
	100	93714100	93734100	93754100	93764100	2,204	1
	150	93714150	93734150	93754150	93764150	2,402	1
	200	93714200	93734200	93754200	93764200	2,603	1
	300	93714300	93734300	93754300	93764300	3,000	1
	400	93714400	93734400	93754400	93764400	3,397	1
	450	93714450	93734450	93754450	93764450	3,597	1
	500	93714500	93734500	93754500	93764500	4,524	1
	600	93714600	93734600	93754600	93764600	4,961	1
	700	93714700	93734700	93754700	93764700	5,975	1
	750	93714750	93734750	93754750	93764750	6,234	1
120	800	93714800	93734800	93754800	93764800	6,493	1
	900	93714900	93734900	93754900	93764900	7,015	1
	1000	93714990	93734990	93754990	93764990	7,533	1
	100	93715100	93735100	93755100	93765100	2,544	1
	150	93715150	93735150	93755150	93765150	2,753	1
	200	93715200	93735200	93755200	93765200	2,963	1
	300	93715300	93735300	93755300	93765300	3,382	1
	400	93715400	93735400	93755400	93765400	3,800	1
	450	93715450	93735450	93755450	93765450	4,009	1
	500	93715500	93735500	93755500	93765500	5,075	1
	600	93715600	93735600	93755600	93765600	5,538	1
120	700	93715700	93735700	93755700	93765700	6,580	1
	750	93715750	93735750	93755750	93765750	6,853	1
	800	93715800	93735800	93755800	93765800	7,125	1
	900	93715900	93735900	93755900	93765900	7,673	1
	1000	93715990	93735990	93755990	93765990	8,218	1



SOLUTIONS

Petro-
química

Oil & Gas

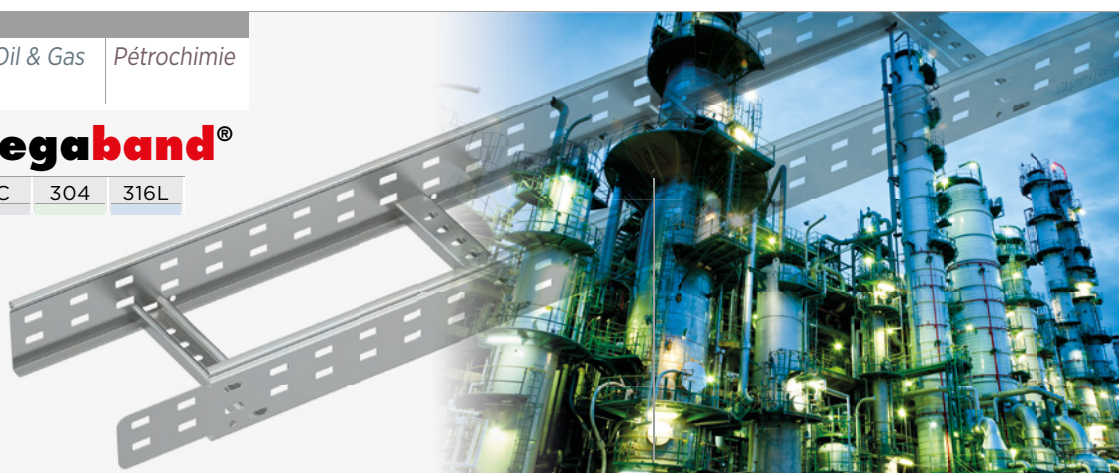
Pétrochimie

megaband®

GC

304

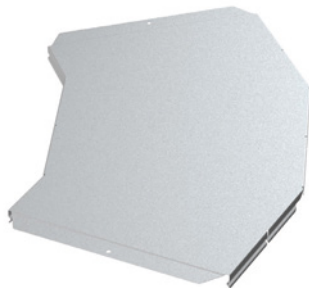
316L



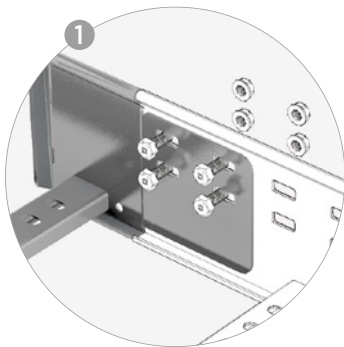
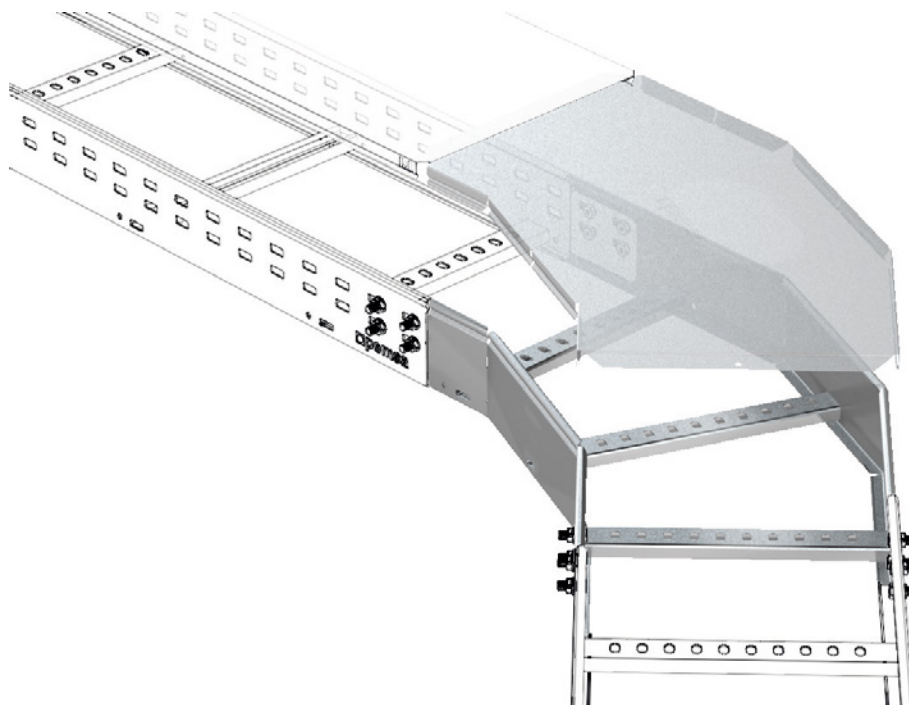
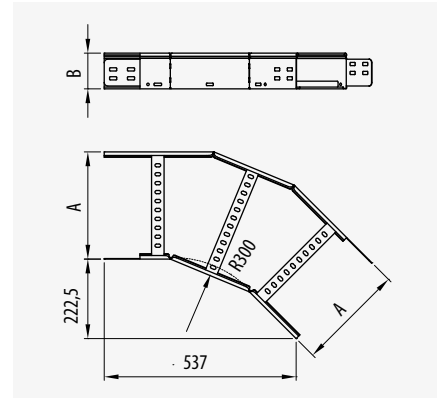
Tapa
Curva 45°

45° Bend
Cover

Couvercle
Courbe 45°



	A	Ref	kg/u	u
GC	100	94730100	0,507	1
	150	94730150	0,663	1
	200	94730200	0,772	1
	300	94730300	1,338	1
	400	94730400	1,851	1
	450	94730450	2,037	1
	500	94730500	2,686	1
	600	94730600	3,463	1
	700	94730700	4,249	1
	750	94730750	4,527	1
	800	94730800	5,115	1
	900	94730900	6,025	1
	1000	94730990	7,018	1



Sistema Click.
Sin uniones!!

Click System.
No Couplers needed

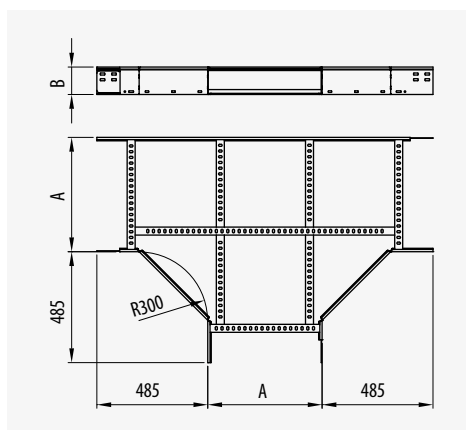
Système Click.
Sans unions

Borde Seguridad.
Protege los cables!!

Safety Edge.
Protects the cables.

Bord sécurité.
Protège les câbles




Derivación T **Tee** **Dérivation T**


		EZ	GC	304	306L	kg/u	
60	100	93112100	93132100	93152100	93162100	3,291	1
	150	93112150	93132150	93152150	93162150	3,523	1
	200	93112200	93132200	93152200	93162200	3,759	1
	300	93112300	93132300	93152300	93162300	4,225	1
	400	93112400	93132400	93152400	93162400	5,342	1
	450	93112450	93132450	93152450	93162450	5,623	1
	500	93112500	93132500	93152500	93162500	7,805	1
	600	93112600	93132600	93152600	93162600	8,488	1
	700	93112700	93132700	93152700	93162700	10,643	1
	800	93112800	93132800	93152800	93162800	12,756	1
	900	93112900	93132900	93152900	93162900	13,717	1
85	1000	93112990	93132990	93152990	93162990	14,677	1
	100	93113100	93133100	93153100	93163100	4,140	1
	200	93113200	93133200	93153200	93163200	4,641	1
	300	93113300	93133300	93153300	93163300	5,139	1
	400	93113400	93133400	93153400	93163400	6,288	1
	500	93113500	93133500	93153500	93163500	9,065	1
	600	93113600	93133600	93153600	93163600	9,790	1
	700	93113700	93133700	93153700	93163700	11,988	1
	800	93113800	93133800	93153800	93163800	14,143	1
	900	93113900	93133900	93153900	93163900	15,145	1
100	1000	93113990	93133990	93153990	93163990	16,148	1
	100	93114100	93134100	93154100	93164100	4,660	1
	150	93114150	93134150	93154150	93164150	4,918	1
	200	93114200	93134200	93154200	93164200	5,180	1
	300	93114300	93134300	93154300	93164300	5,698	1
	400	93114400	93134400	93154400	93164400	6,866	1
	450	93114450	93134450	93154450	93164450	7,174	1
	500	93114500	93134500	93154500	93164500	9,843	1
	600	93114600	93134600	93154600	93164600	10,594	1
	700	93114700	93134700	93154700	93164700	12,817	1
	750	93114750	93134750	93154750	93164750	13,281	1
120	800	93114800	93134800	93154800	93164800	14,997	1
	900	93114900	93134900	93154900	93164900	16,025	1
	1000	93114990	93134990	93154990	93164990	17,053	1
	100	93115100	93135100	93155100	93165100	5,351	1
	150	93115150	93135150	93155150	93165150	5,622	1
	200	93115200	93135200	93155200	93165200	5,897	1
	300	93115300	93135300	93155300	93165300	6,441	1
	400	93115400	93135400	93155400	93165400	7,635	1
	450	93115450	93135450	93155450	93165450	7,956	1
	500	93115500	93135500	93155500	93165500	10,878	1
	600	93115600	93135600	93155600	93165600	11,662	1
	700	93115700	93135700	93155700	93165700	13,919	1
	750	93115750	93135750	93155750	93165750	14,400	1
	800	93115800	93135800	93155800	93165800	16,133	1
	900	93115900	93135900	93155900	93165900	17,195	1
	1000	93115990	93135990	93155990	93165990	18,257	1


IDEA
**Tubos
Rígidos
Metálicos**
**Metal
Rigid
Conduits**
**Tubes
Rigides
Métalliques**
Metal RLGC - RRG
GC
Alta Resistencia a la Corrosión
High Corrosion Resistance
Haute Résistance à la Corrosion

IEC cod. 5557
61386

188

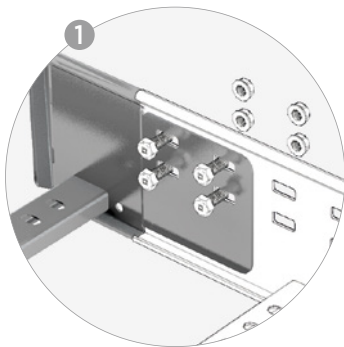
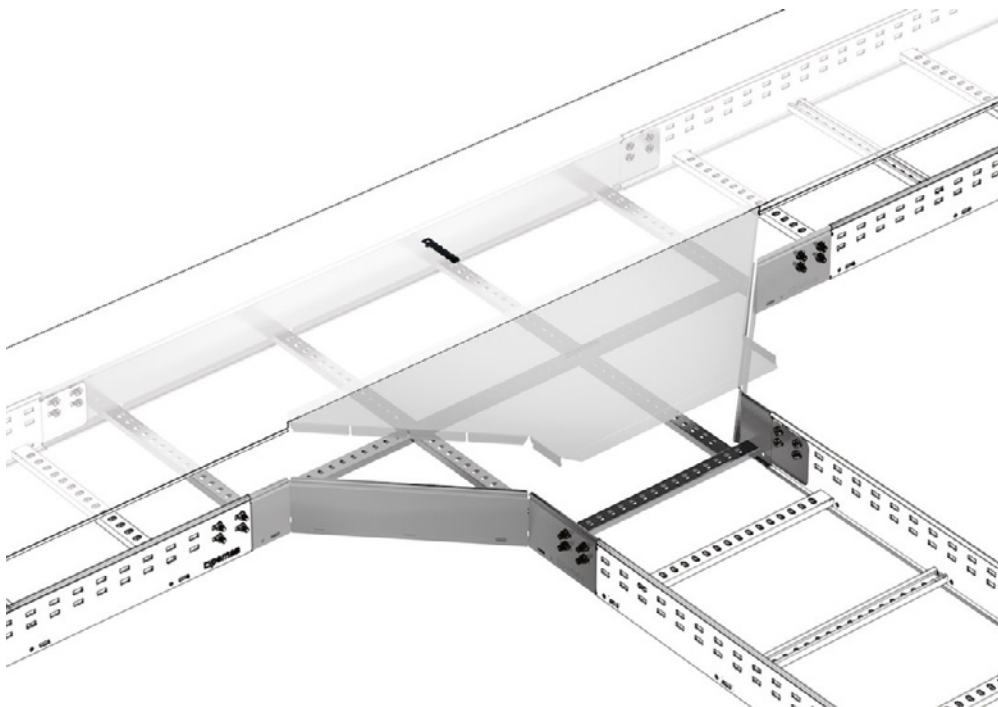
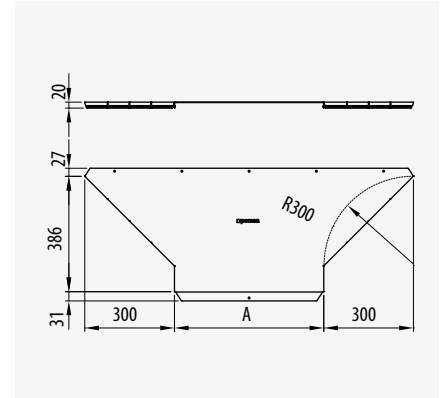
Tapa
Derivación T

Tee Cover

Couvercle
Dérivation T



	A	Ref	kg/u	u
GC	100	94130100	1,084	1
	150	94130150	1,187	1
	200	94130200	1,373	1
	300	94130300	1,662	1
	400	94130400	1,962	1
	450	94130450	2,026	1
	500	94130500	2,510	1
	600	94130600	2,834	1
	700	94130700	3,158	1
	750	94130750	3,220	1
	800	94130800	3,483	1
	900	94130900	3,807	1
	1000	94130990	4,131	1



Sistema Click.
Sin uniones!!

Click System.
No Couplers needed

Système Click.
Sans unions

Borde Seguridad.
Protege los cables!!

Safety Edge.
Protects the cables.

Bord Sécurité.
Protège les câbles

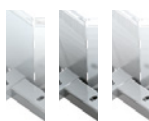
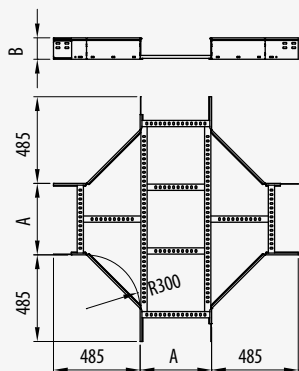




Cruce

Crossover

Croisement



		EZ	GC	304	306L	kg/u	u
60	100	93212100	93232100	93252100	93262100	4,460	1
	150	93212150	93232150	93252150	93262150	4,765	1
	200	93212200	93232200	93252200	93262200	5,070	1
	300	93212300	93232300	93252300	93262300	5,684	1
	400	93212400	93232400	93252400	93262400	7,591	1
	450	93212450	93232450	93252450	93262450	7,929	1
	500	93212500	93232500	93252500	93262500	9,208	1
	600	93212600	93232600	93252600	93262600	9,862	1
	700	93212700	93232700	93252700	93262700	12,489	1
	800	93212800	93232800	93252800	93262800	13,342	1
	900	93212900	93232900	93252900	93262900	14,770	1
85	1000	93212990	93232990	93252990	93262990	15,677	1
	100	93213100	93233100	93253100	93263100	5,048	1
	200	93213200	93233200	93253200	93263200	6,090	1
	300	93213300	93233300	93253300	93263300	6,704	1
	400	93213400	93233400	93253400	93263400	8,611	1
	500	93213500	93233500	93253500	93263500	10,507	1
	600	93213600	93233600	93253600	93263600	11,161	1
	700	93213700	93233700	93253700	93263700	13,788	1
	800	93213800	93233800	93253800	93263800	14,641	1
	900	93213900	93233900	93253900	93263900	16,069	1
	1000	93213990	93233990	93253990	93263990	16,976	1
100	100	93214100	93234100	93254100	93264100	6,102	1
	150	93214150	93234150	93254150	93264150	6,407	1
	200	93214200	93234200	93254200	93264200	6,712	1
	300	93214300	93234300	93254300	93264300	7,326	1
	400	93214400	93234400	93254400	93264400	9,233	1
	450	93214450	93234450	93254450	93264450	9,571	1
	500	93214500	93234500	93254500	93264500	11,318	1
	600	93214600	93234600	93254600	93264600	11,971	1
	700	93214700	93234700	93254700	93264700	14,598	1
	750	93214750	93234750	93254750	93264750	15,031	1
	800	93214800	93234800	93254800	93264800	15,451	1
120	900	93214900	93234900	93254900	93264900	16,879	1
	1000	93214990	93234990	93254990	93264990	17,786	1
	100	93215100	93235100	93255100	93265100	6,928	1
	150	93215150	93235150	93255150	93265150	7,233	1
	200	93215200	93235200	93255200	93265200	7,538	1
	300	93215300	93235300	93255300	93265300	8,152	1
	400	93215400	93235400	93255400	93265400	10,059	1
	450	93215450	93235450	93255450	93265450	10,397	1
	500	93215500	93235500	93255500	93265500	12,391	1
	600	93215600	93235600	93255600	93265600	13,045	1
	700	93215700	93235700	93255700	93265700	15,672	1
	750	93215750	93235750	93255750	93265750	16,105	1
	800	93215800	93235800	93255800	93265800	16,525	1
	900	93215900	93235900	93255900	93265900	17,953	1
	1000	93215990	93235990	93255990	93265990	18,860	1



IDEA

La Bandeja
más
seguraThe Safest
Cable
trayLe Chemin
de Câble
le plus sûr

reijiband®

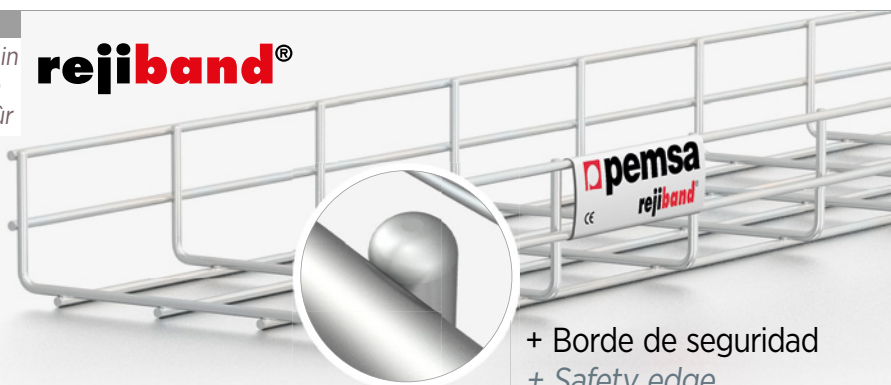
EZ BC GC 304 316L



N.V.E-1



+1 020



+ Borde de seguridad
+ Safety edge
+ Bord sécurité

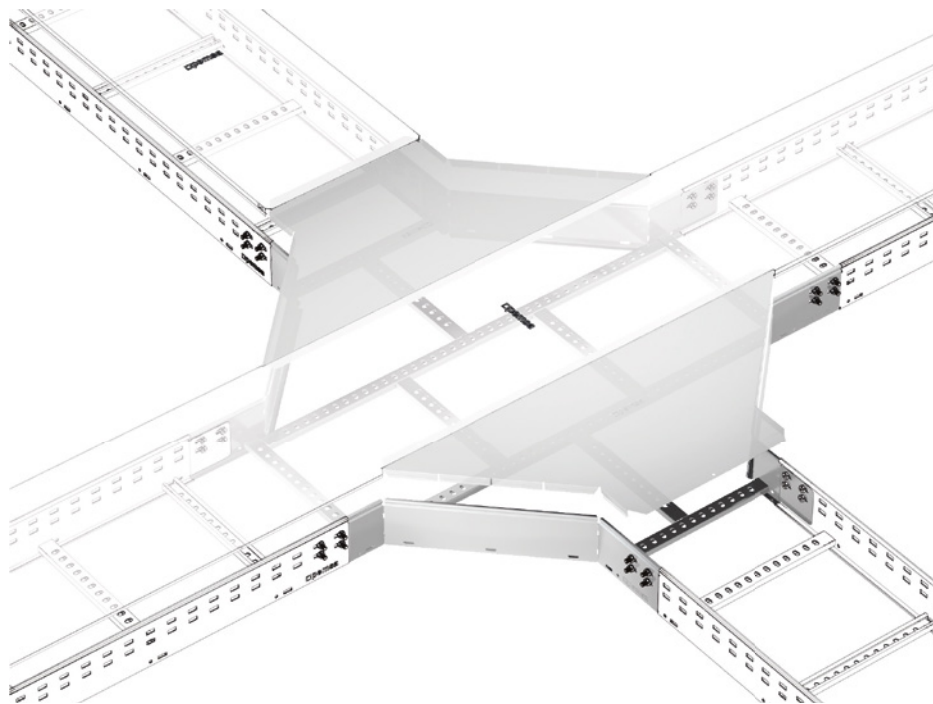
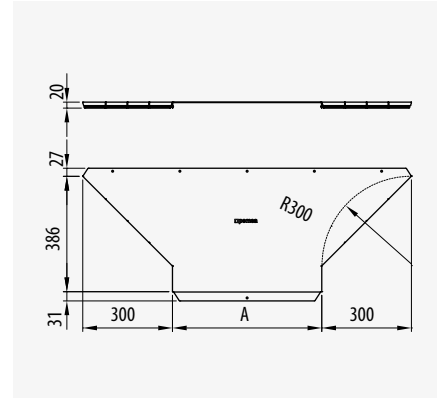
Tapa Cruce

Crossover
Cover

Couvercle
Dérivation T



	A	Ref	kg/u	u
GC	100	94130100	1,084	1
	150	94130150	1,187	1
	200	94130200	1,373	1
	300	94130300	1,662	1
	400	94130400	1,962	1
	450	94130450	2,026	1
	500	94130500	2,510	1
	600	94130600	2,834	1
	700	94130700	3,158	1
	750	94130750	3,220	1
	800	94130800	3,483	1
	900	94130900	3,807	1
	1000	94130990	4,131	1



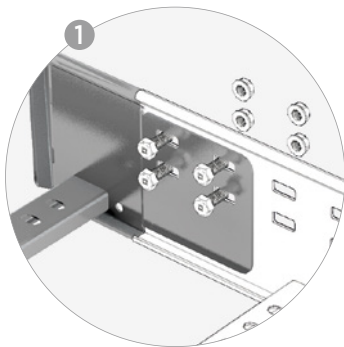
x 2

090



x 1

092



Sistema Click.
Sin uniones!!

Click System.
No Couplers needed

Système Click.
Sans unions

Borde Seguridad.
Protege los cables!!

Safety Edge.
Protects the cables

Bord sécurité.
Protège les câbles



x 8



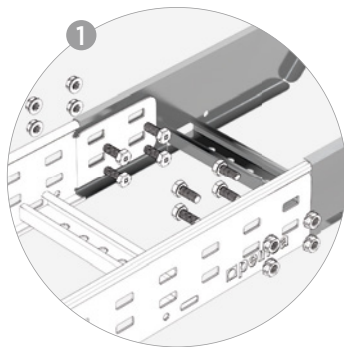
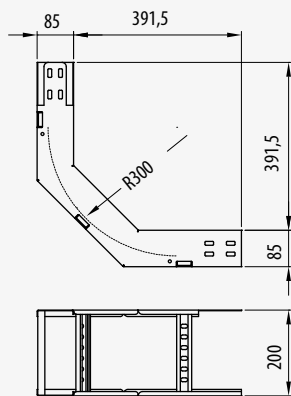
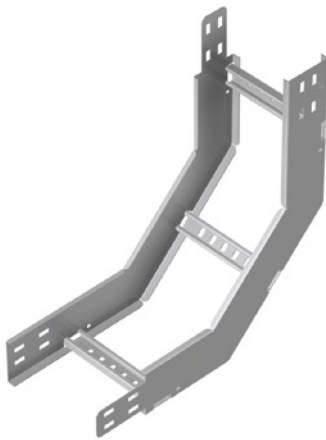
090



Cambio de Nivel CNC

90° Inside Riser

Changeur de niveau CNC 90°



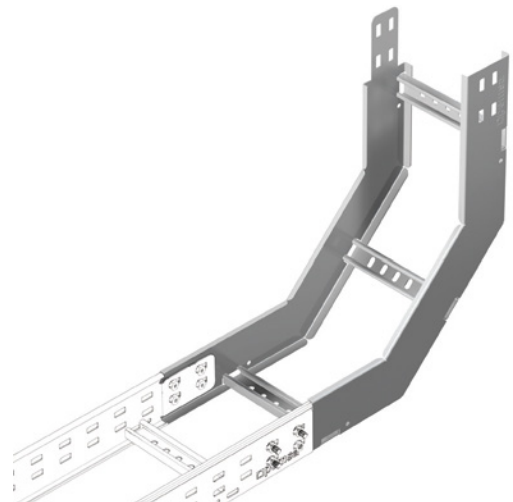
Sistema Click.
Sin uniones!!

Click System.
No Couplers needed

Système Click.
Sans unions



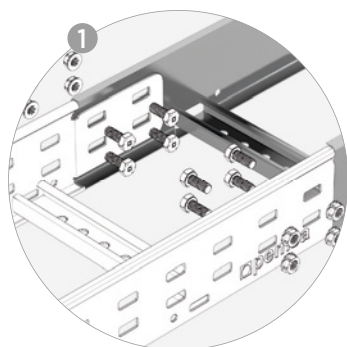
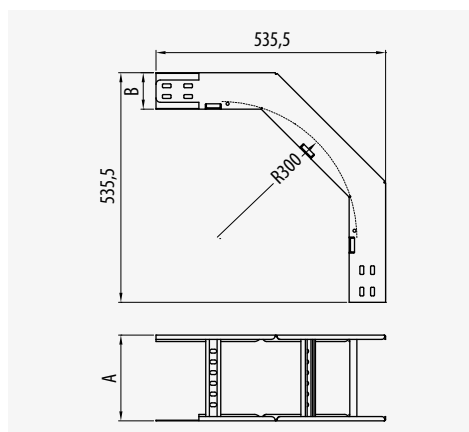
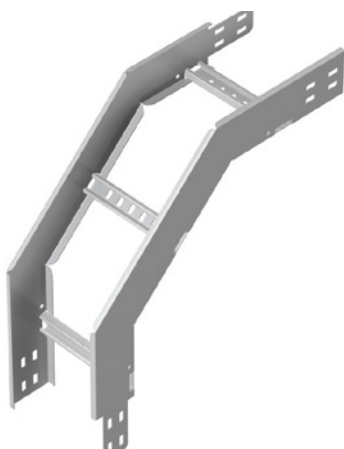
		EZ	GC	304	306L	kg/u	u
60	100	93512100	93532100	93552100	93562100	1,627	1
	150	93512150	93532150	93552150	93562150	1,761	1
	200	93512200	93532200	93552200	93562200	1,897	1
	300	93512300	93532300	93552300	93562300	2,166	1
	400	93512400	93532400	93552400	93562400	2,435	1
	450	93512450	93532450	93552450	93562450	2,571	1
	500	93512500	93532500	93552500	93562500	2,701	1
	600	93512600	93532600	93552600	93562600	2,970	1
	700	93512700	93532700	93552700	93562700	3,812	1
	800	93512800	93532800	93552800	93562800	4,163	1
	900	93512900	93532900	93552900	93562900	4,513	1
85	1000	93512990	93532990	93552990	93562990	4,864	1
	100	93513100	93533100	93553100	93563100	2,151	1
	200	93513200	93533200	93553200	93563200	2,420	1
	300	93513300	93533300	93553300	93563300	2,690	1
	400	93513400	93533400	93553400	93563400	2,959	1
	500	93513500	93533500	93553500	93563500	3,225	1
	600	93513600	93533600	93553600	93563600	3,494	1
	700	93513700	93533700	93553700	93563700	4,336	1
	800	93513800	93533800	93553800	93563800	4,686	1
	900	93513900	93533900	93553900	93563900	5,037	1
100	1000	93513990	93533990	93553990	93563990	5,388	1
	100	93514100	93534100	93554100	93564100	2,451	1
	150	93514150	93534150	93554150	93564150	2,585	1
	200	93514200	93534200	93554200	93564200	2,721	1
	300	93514300	93534300	93554300	93564300	2,990	1
	400	93514400	93534400	93554400	93564400	3,259	1
	450	93514450	93534450	93554450	93564450	3,395	1
	500	93514500	93534500	93554500	93564500	3,525	1
	600	93514600	93534600	93554600	93564600	3,794	1
	700	93514700	93534700	93554700	93564700	4,636	1
	750	93514750	93534750	93554750	93564750	4,811	1
	800	93514800	93534800	93554800	93564800	4,987	1
120	900	93514900	93534900	93554900	93564900	5,337	1
	1000	93514990	93534990	93554990	93564990	5,688	1
	100	93515100	93535100	93555100	93565100	2,866	1
	150	93515150	93535150	93555150	93565150	3,000	1
	200	93515200	93535200	93555200	93565200	3,136	1
	300	93515300	93535300	93555300	93565300	3,405	1
	400	93515400	93535400	93555400	93565400	3,674	1
	450	93515450	93535450	93555450	93565450	3,810	1
	500	93515500	93535500	93555500	93565500	3,940	1
	600	93515600	93535600	93555600	93565600	4,209	1
	700	93515700	93535700	93555700	93565700	5,051	1
	750	93515750	93535750	93555750	93565750	5,226	1
	800	93515800	93535800	93555800	93565800	5,402	1
	900	93515900	93535900	93555900	93565900	5,752	1
	1000	93515990	93535990	93555990	93565990	6,103	1



Cambio de Nivel CNV

90° Outside Riser

Changeur de niveau CNV 90°



Sistema Click.
Sin uniones!!

Click System.
No Couplers needed

Système Click.
Sans unions

		EZ	GC	304	306L	kg/u	u
60	100	93612100	93632100	93652100	93662100	1,864	1
	150	93612150	93632150	93652150	93662150	1,997	1
	200	93612200	93632200	93652200	93662200	2,133	1
	300	93612300	93632300	93652300	93662300	2,402	1
	400	93612400	93632400	93652400	93662400	2,672	1
	450	93612450	93632450	93652450	93662450	2,808	1
	500	93612500	93632500	93652500	93662500	2,938	1
	600	93612600	93632600	93652600	93662600	3,207	1
	700	93612700	93632700	93652700	93662700	4,049	1
	800	93612800	93632800	93652800	93662800	4,399	1
	900	93612900	93632900	93652900	93662900	4,750	1
85	1000	93612990	93632990	93652990	93662990	5,100	1
	100	93613100	93633100	93653100	93663100	2,352	1
	200	93613200	93633200	93653200	93663200	2,622	1
	300	93613300	93633300	93653300	93663300	2,891	1
	400	93613400	93633400	93653400	93663400	3,160	1
	500	93613500	93633500	93653500	93663500	3,426	1
	600	93613600	93633600	93653600	93663600	3,695	1
	700	93613700	93633700	93653700	93663700	4,537	1
	800	93613800	93633800	93653800	93663800	4,888	1
	900	93613900	93633900	93653900	93663900	5,238	1
	1000	93613990	93633990	93653990	93663990	5,589	1
100	100	93614100	93634100	93654100	93664100	2,606	1
	150	93614150	93634150	93654150	93664150	2,739	1
	200	93614200	93634200	93654200	93664200	2,875	1
	300	93614300	93634300	93654300	93664300	3,145	1
	400	93614400	93634400	93654400	93664400	3,414	1
	450	93614450	93634450	93654450	93664450	3,550	1
	500	93614500	93634500	93654500	93664500	3,680	1
	600	93614600	93634600	93654600	93664600	3,949	1
	700	93614700	93634700	93654700	93664700	4,791	1
	750	93614750	93634750	93654750	93664750	4,966	1
	800	93614800	93634800	93654800	93664800	5,141	1
120	900	93614900	93634900	93654900	93664900	5,492	1
	1000	93614990	93634990	93654990	93664990	5,842	1
	100	93615100	93635100	93655100	93665100	2,953	1
	150	93615150	93635150	93655150	93665150	3,086	1
	200	93615200	93635200	93655200	93665200	3,222	1
	300	93615300	93635300	93655300	93665300	3,491	1
	400	93615400	93635400	93655400	93665400	3,760	1
	450	93615450	93635450	93655450	93665450	3,897	1
	500	93615500	93635500	93655500	93665500	4,026	1
	600	93615600	93635600	93655600	93665600	4,296	1
	700	93615700	93635700	93655700	93665700	5,137	1
	750	93615750	93635750	93655750	93665750	5,313	1
	800	93615800	93635800	93655800	93665800	5,488	1
	900	93615900	93635900	93655900	93665900	5,839	1
	1000	93615990	93635990	93655990	93665990	6,189	1





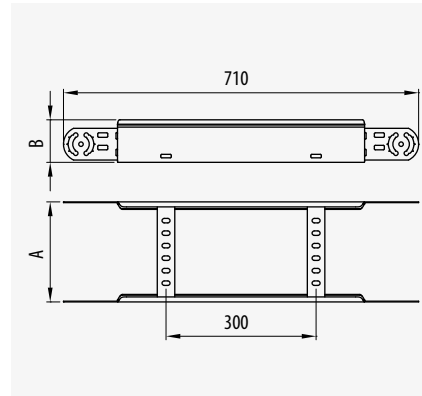
Cambio
de Nivel
Articulado

Articulated
Riser Section

Changeur
de Niveau
Articulé



	A		Ref	kg/m	u
GC	60	100	93432100	1,430	1
	60	150	93432150	1,520	1
	60	200	93432200	1,610	1
	60	300	93432300	1,789	1
	60	400	93432400	1,969	1
	60	450	93432450	2,059	1
	60	500	93432500	2,146	1
	60	600	93432600	2,326	1
	85	100	93433100	1,835	1
	85	200	93433200	2,015	1
	85	300	93433300	2,194	1
	85	400	93433400	2,374	1
	85	500	93433500	2,551	1
	85	600	93433600	2,730	1
	100	100	93434100	2,027	1
	100	150	93434150	2,117	1
	100	200	93434200	2,207	1
	100	300	93434300	2,386	1
	100	400	93434400	2,566	1
	100	450	93434450	2,656	1
	100	500	93434500	2,743	1
	100	600	93434600	2,923	1
	120	100	93435100	2,283	1
	120	150	93435150	2,373	1
	120	200	93435200	2,463	1
	120	300	93435300	2,642	1
	120	400	93435400	2,822	1
	120	450	93435450	2,913	1
	120	500	93435500	2,999	1
	120	600	93435600	3,179	1

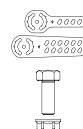


	A		Ref	kg/m	u
304	100	100	93454100	1,832	1
	100	150	93454150	1,912	1
	100	200	93454200	1,994	1
	100	300	93454300	2,156	1
	100	400	93454400	2,318	1
	100	450	93454450	2,400	1
	100	500	93454500	2,478	1
	100	600	93454600	2,640	1
316L	100	100	93464100	1,832	1
	100	150	93464150	1,912	1
	100	200	93464200	1,994	1
	100	300	93464300	2,156	1
	100	400	93464400	2,318	1
	100	450	93464450	2,400	1
	100	500	93464500	2,478	1
	100	600	93464600	2,640	1

Ángulo Variable 15°, 30°, 45°, 90°!!

Adjustable Angle 15°, 30°, 45°, 90°

Angle Variable 15°, 30°, 45°, 90°



2 x 93930012 090

6 x 67030094 090

8 x 67030094 090

Reducción

Reducer

Réduction

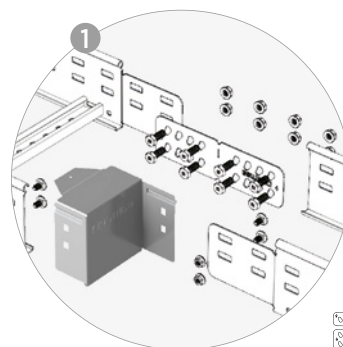
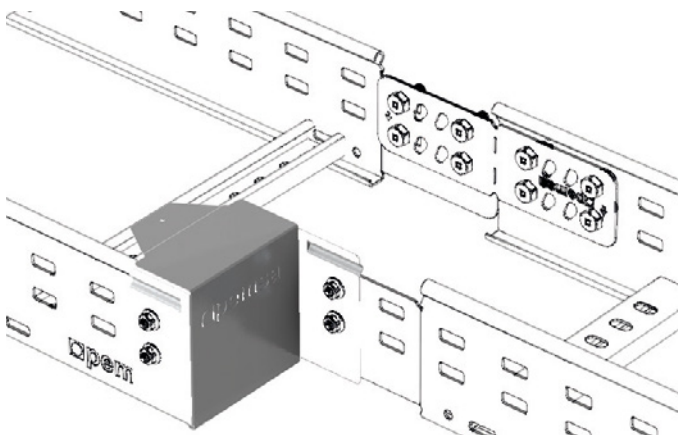


Acabado profesional!!

Professional finish
Finition professionnelle



CLICK



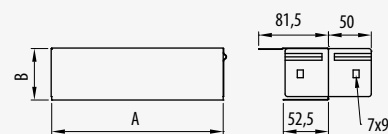
1 x 93930003 1.3 090



12 x 67030093 1.3 166

60-120 100-600

	A		Ref	kg/m	u
PG	60	100	71022010	0,098	1
	60	150	71022015	0,138	1
	60	200	71022020	0,194	1
	60	300	71022030	0,285	1
	60	400	71022040	0,602	1
	60	500	71022050	0,746	1
	60	600	71022060	0,890	1
	85	100	71023010	0,292	1
	85	200	71023020	0,372	1
	85	300	71023030	0,536	1
	85	400	71023040	0,700	1
	85	500	71023050	0,864	1
	85	600	71023060	1,027	1
	100	100	71024010	0,223	1
	100	200	71024020	0,408	1
	100	300	71024030	0,583	1
	100	400	71024040	0,759	1
	100	500	71024050	0,934	1
	100	600	71024060	1,110	1
	120	100	71025010	0,257	1
	120	150	71025015	0,349	1
	120	200	71025020	0,455	1
	120	300	71025030	0,646	1
	120	400	71025040	0,838	1
	120	450	71025045	0,933	1
	120	500	71025050	1,029	1
	120	600	71025060	1,220	1
GC	60	100	71032010	0,122	1
	60	150	71032015	0,173	1
	60	200	71032020	0,243	1
	60	300	71032030	0,356	1
	60	400	71032040	0,632	1
	60	450	71032045	0,732	1
	60	500	71032050	0,784	1
	60	600	71032060	0,935	1
	85	100	71033010	0,212	1
	85	200	71033020	0,392	1
	85	300	71033030	0,563	1
	85	400	71033040	0,735	1
	85	500	71033050	0,907	1
	85	600	71033060	1,079	1
	100	100	71034010	0,245	1



60-120 100-600

	A		Ref	kg/m	u
GC	100	150	71034015	0,337	1
	100	200	71034020	0,429	1
	100	300	71034030	0,613	1
	100	400	71034040	0,797	1
	100	450	71034045	0,921	1
	100	500	71034050	0,982	1
	100	600	71034060	1,166	1
	120	100	71035010	0,270	1
	120	150	71035015	0,366	1
	120	200	71035020	0,478	1
	120	300	71035030	0,679	1
	120	400	71035040	0,880	1
	120	450	71035045	0,980	1
	120	500	71035050	1,081	1
	120	600	71035060	1,281	1
304	60	100	71052010	0,080	1
	60	150	71052015	0,114	1
	60	200	71052020	0,161	1
	60	300	71052030	0,236	1
	60	400	71052040	0,297	1
	60	500	71052050	0,368	1
	60	600	71052060	0,439	1
	60	100	71062010	0,080	1
316L	60	150	71062015	0,114	1
	60	200	71062020	0,161	1
	60	300	71062030	0,236	1
	60	400	71062040	0,297	1
	60	500	71062050	0,368	1
	60	600	71062060	0,439	1



Tapa Final

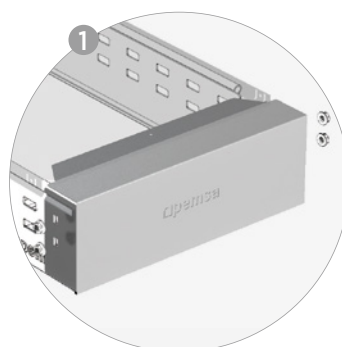
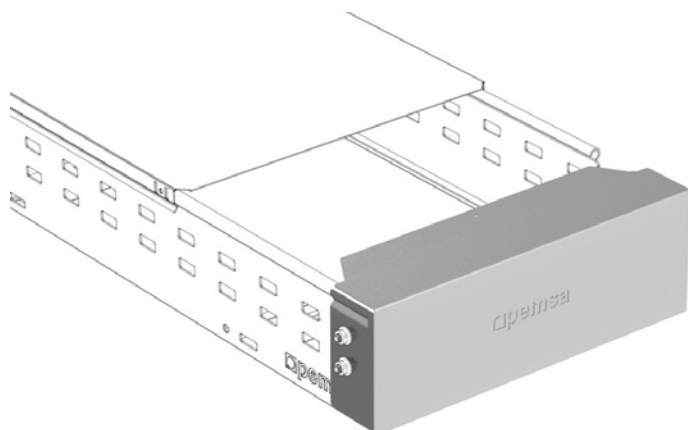
End Cover

Embout
Terminal

Acabado profesional!

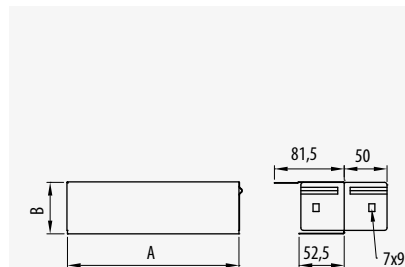
Professional finish

Finition professionnelle



4 x 67030093 166

	A	60-120	100-600		
			Ref	kg/m	u
PG	60	100	71022010	0,098	1
	60	150	71022015	0,138	1
	60	200	71022020	0,194	1
	60	300	71022030	0,285	1
	60	400	71022040	0,602	1
	60	500	71022050	0,746	1
	60	600	71022060	0,890	1
	85	100	71023010	0,292	1
	85	200	71023020	0,372	1
	85	300	71023030	0,536	1
	85	400	71023040	0,700	1
	85	500	71023050	0,864	1
	85	600	71023060	1,027	1
	100	100	71024010	0,223	1
	100	200	71024020	0,408	1
	100	300	71024030	0,583	1
	100	400	71024040	0,759	1
	100	500	71024050	0,934	1
GC	100	600	71024060	1,110	1
	120	100	71025010	0,257	1
	120	150	71025015	0,349	1
	120	200	71025020	0,455	1
	120	300	71025030	0,646	1
	120	400	71025040	0,838	1
	120	450	71025045	0,933	1
	120	500	71025050	1,029	1
	120	600	71025060	1,220	1
	60	100	70039210	0,122	1
	60	150	70039215	0,173	1
	60	200	70039220	0,243	1
	60	300	70039230	0,356	1
	60	400	70039240	0,632	1
	60	450	70039245	0,732	1
	60	500	70039250	0,784	1
	60	600	70039260	0,935	1
	85	100	70039310	0,212	1
	85	200	70039320	0,392	1
	85	300	70039330	0,563	1
	85	400	70039340	0,735	1
	85	500	70039350	0,907	1
	85	600	70039360	1,079	1
	100	100	70039410	0,245	1



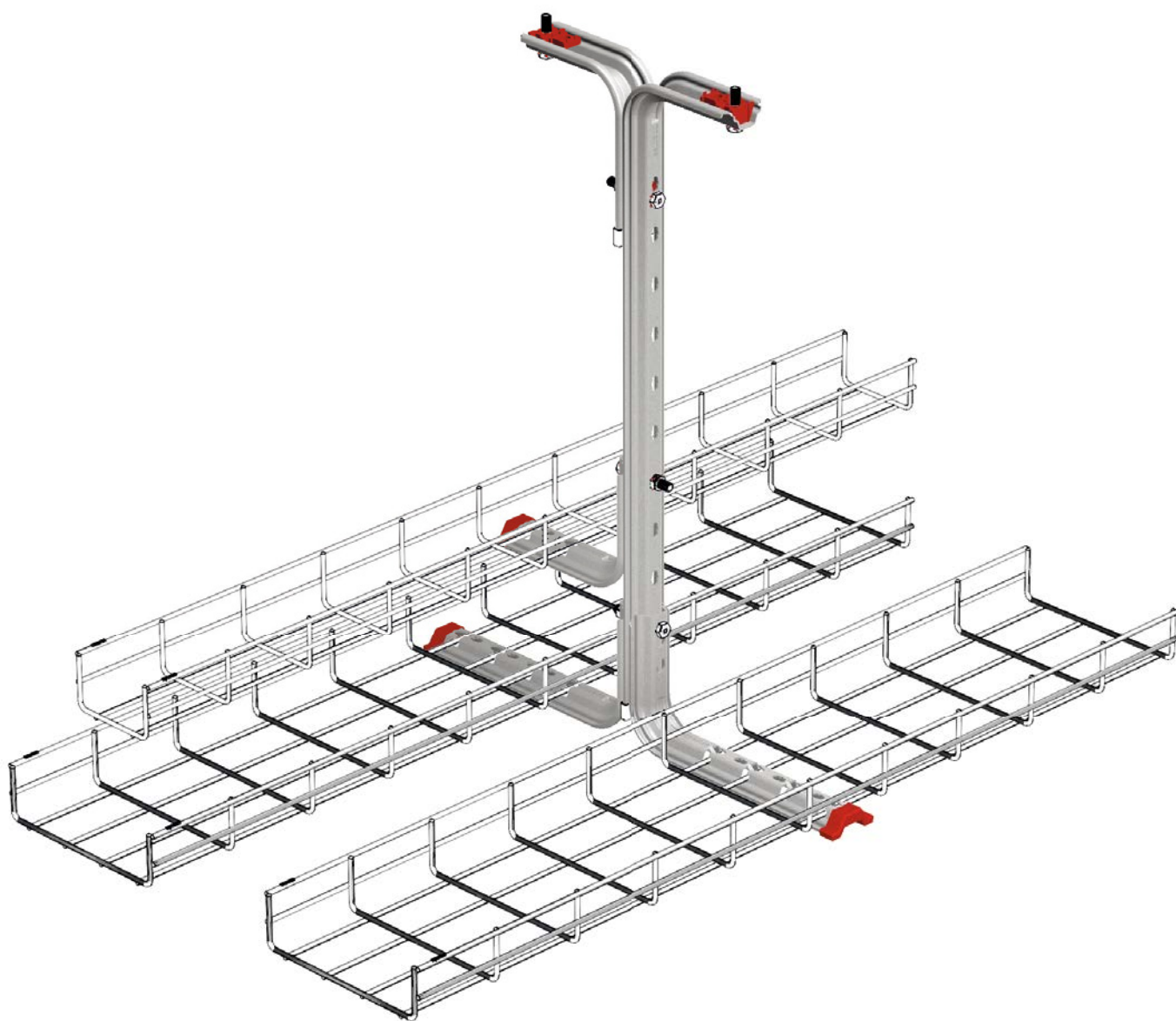
	A	60-120	100-600		
			Ref	kg/m	u
GC	100	150	70039415	0,337	1
	100	200	70039420	0,429	1
	100	300	70039430	0,613	1
	100	400	70039440	0,797	1
	100	450	70039445	0,921	1
	100	500	70039450	0,982	1
	100	600	70039460	1,166	1
	120	100	70039510	0,270	1
	120	150	70039515	0,366	1
	120	200	70039520	0,478	1
	120	300	70039530	0,679	1
	120	400	70039540	0,880	1
304	120	450	70039545	0,980	1
	120	500	70039550	1,081	1
	120	600	70039560	1,281	1
	60	100	71052010	0,080	1
	60	150	71052015	0,114	1
	60	200	71052020	0,161	1
316L	60	300	71052030	0,236	1
	60	400	71052040	0,297	1
	60	500	71052050	0,368	1
	60	600	71052060	0,439	1
	60	100	71062010	0,080	1
	60	150	71062015	0,114	1
	60	200	71062020	0,161	1
	60	300	71062030	0,236	1
	60	400	71062040	0,297	1
	60	500	71062050	0,368	1
	60	600	71062060	0,439	1

Support System

Gama de soportes, railes y estructuras

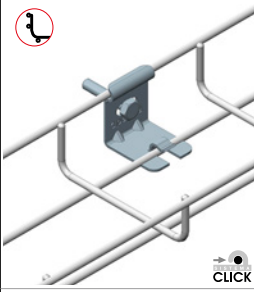
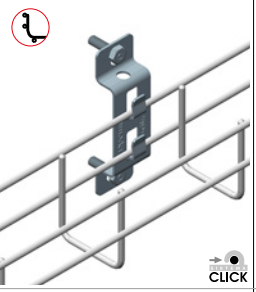
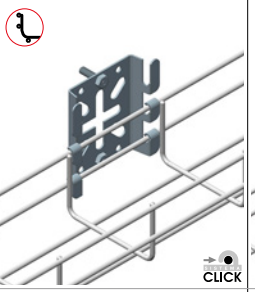
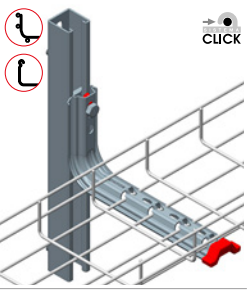
Supports, channels and structures range

Gamme de suportage, rails & structures

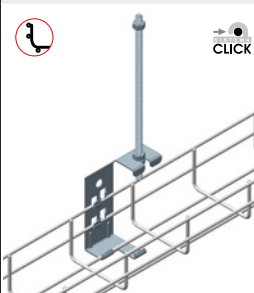
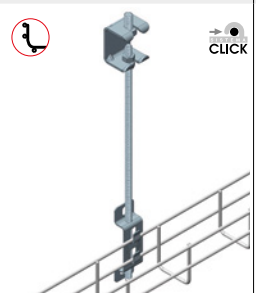
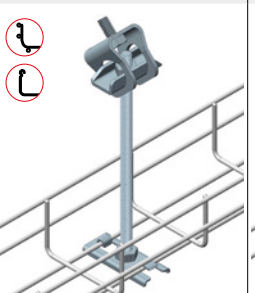
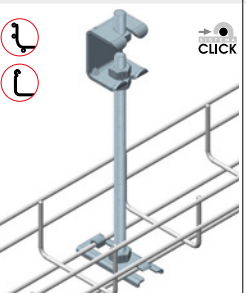
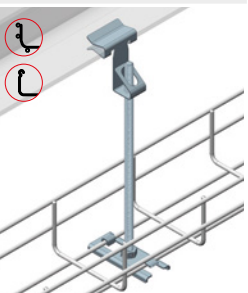


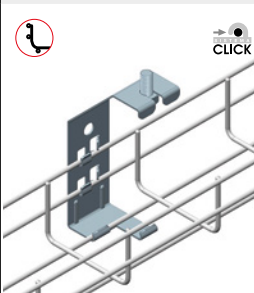
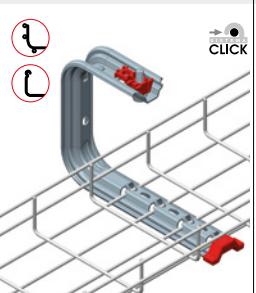
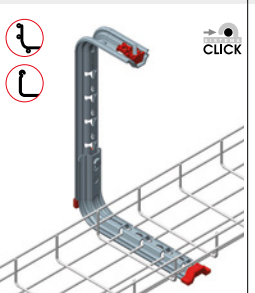
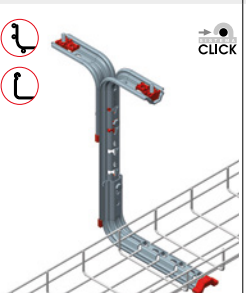
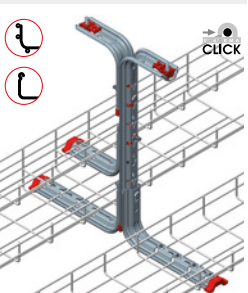
Información Técnica / Technical Information / Informations Techniques

Montaje en pared / Wall assembly / Montage Mural

Horizontal / Horizontal / Horizontal					
A				UNIVERSAL 	UNIVERSAL 
	15 kg  134	25 kg  134	50 kg  136	28 / 60 kg  128	28 / 60 kg  128
A Carga admisible / Admissible load / Charge admissible				Sistema Universal. Compatible con todas las bandejas Universal System. Compatible for all cable trays Système Universel. compatible les chemins de cables	

Montaje en techo / Fitting to ceiling / Montage Plafond

Con varilla roscada / With threaded rods / Avec tige fileté					
A					
	10 kg  134	25 kg  134	85 kg  148	85 kg  148	65 kg  150
Más facilidad en el tendido de cables Improved ease of cabling Facilité pour la mise en place les câbles					

Sistema Omega / Omega System / Sistema Omega					
1 2 2'		UNIVERSAL 	UNIVERSAL 	UNIVERSAL 	UNIVERSAL 
	10 kg  134	18 / 30 kg  128	200 kg  144 7 kg x m 6 kg x m	330 kg  144 40 kg x m 15 kg x m	330 kg  144 40 kg x m 15 kg x m

1 Valores obtenidos según norma UNE-EN 61537 con un coeficiente de seguridad del 170% sin alcanzar en ningún caso el colapso. Garantizados únicamente para nuestros soportes Omega con tope de seguridad y Soportes reforzados con refuerzo estructural Pemsas.

Values obtained from test according to the IEC-61537 with a safety coefficient of 170% without ever reaching the collapse point. Guaranteed only for our hanger with security plug and supports reinforced with the PEMSA structural reinforcement.

Valeurs obtenue, selon la norme IEC-61537, avec un coefficient de sécurité de 170% sans aucun affaissement. Garantie uniquement par nos support Omega, avec top de sécurité. Support renforcé à renfort structuré Pemsas.

2 Valores obtenidos según norma UNE-EN 61537 (Anexo H) relativo a la información para para una instalación segura de elementos bajantes con soportes horizontales. Para mayor información, rogamos consulten con Pemsas.

Values obtained in accordance with International Standard UNE-EN 61537 (Section H) relating to the information for safe installation of trays with horizontal supports. For further information please contact PEMSA.

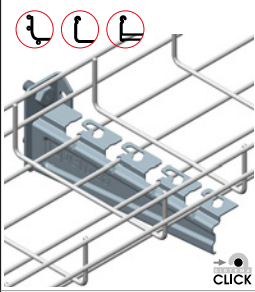
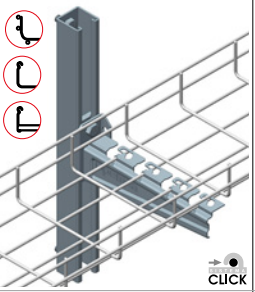
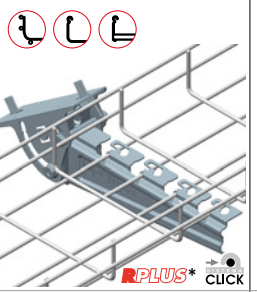
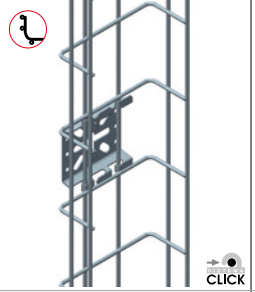
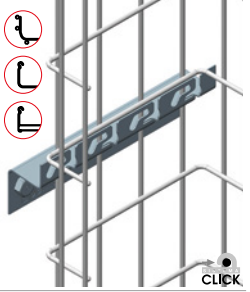
* Bending moment 1: Resulting bending moment on ceiling plane.

** Bending moment 2: Resulting bending moment from cantilever bracket.

Valeurs obtenue selon la norme UNE-EN 61537 (Annexe H) sur les informations pour une installation fiable des éléments descendants avec supports horizontaux. Pour plus d'informations consulter avec Pemsas.

Información Técnica Technical Information Informations Techniques

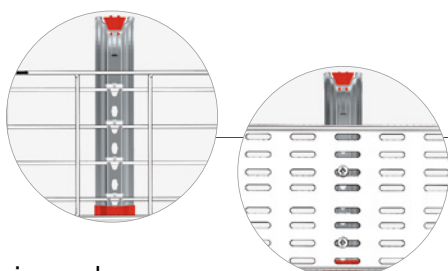
Montaje en pared / Wall assembly / Montage mural

Horizontal / Horizontal / Horizontal			Vertical / Vertical / Vertical			
UNIVERSAL		UNIVERSAL	UNIVERSAL		UNIVERSAL	
A						
	110 / 245 kg	130	110 / 245 kg	130	110 / 245 kg	132
	Nuevos soportes reforzados con más capacidad de carga			50 kg		
	Reinforced supports with greater load-bearing capacity			56 kg		
Nouveau support renforcé, plus de capacité de charge						



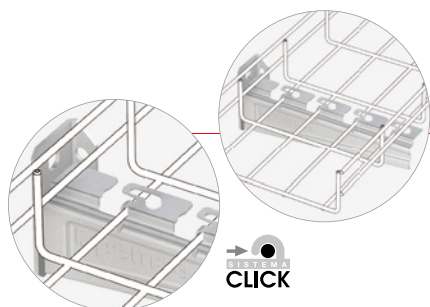
Gama de Soportes, railes y estructuras
Supports, Channels and structures range
 Gamme de supports, rails & structures

Ventajas y Características / *Advantages and features* / *Vantagens e Características*



Universal

Compatible para todas las bandejas
Compatible with all of the cable trays
 Compatible avec toutes les dalles

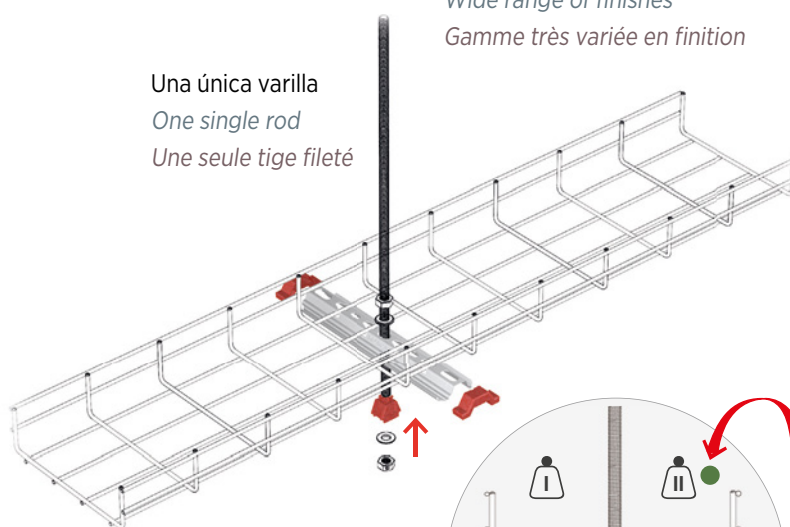


Sistema Click. Sin fijaciones
Click System. No fixings required
 Système Click Sans fixation

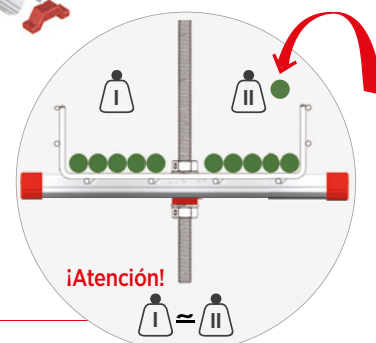
PG	GC	C8	304	316L
----	----	----	-----	------

Amplia gama de acabados
Wide range of finishes
 Gamme très variée en finition

Una única varilla
One single rod
 Une seule tige filetée



Instalación lateral del cable
Installation of cables from the side
 Installation latérale du câble



¡Atención!

Novedades News Nouveautés

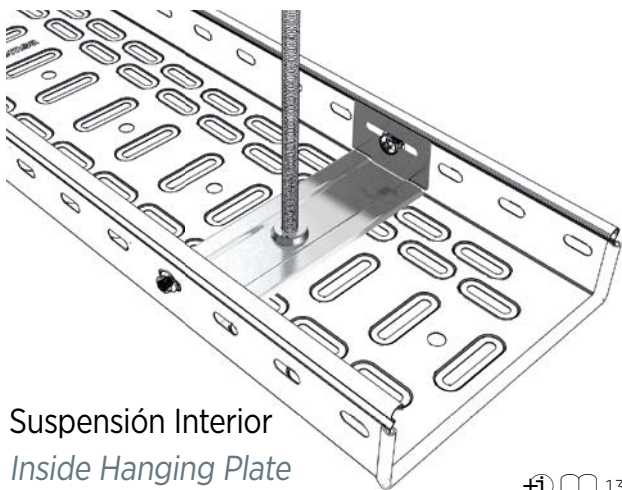
NEW



**BLACK
C8**
IEC 61537

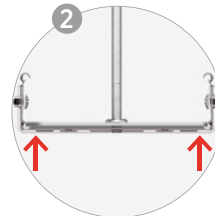
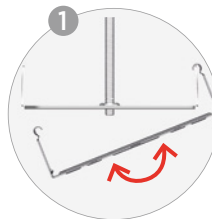
Gama completa Alta resistencia
Full Range High resistance
Gamme complète Haute Résistance

NEW



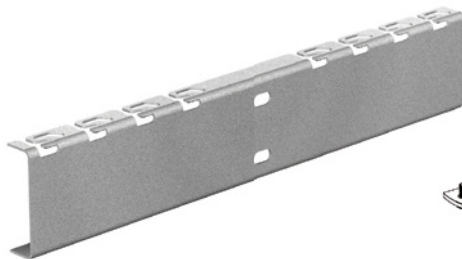
Suspensión Interior
Inside Hanging Plate
Suspension Intérieur

136

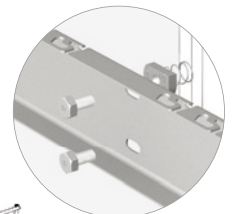
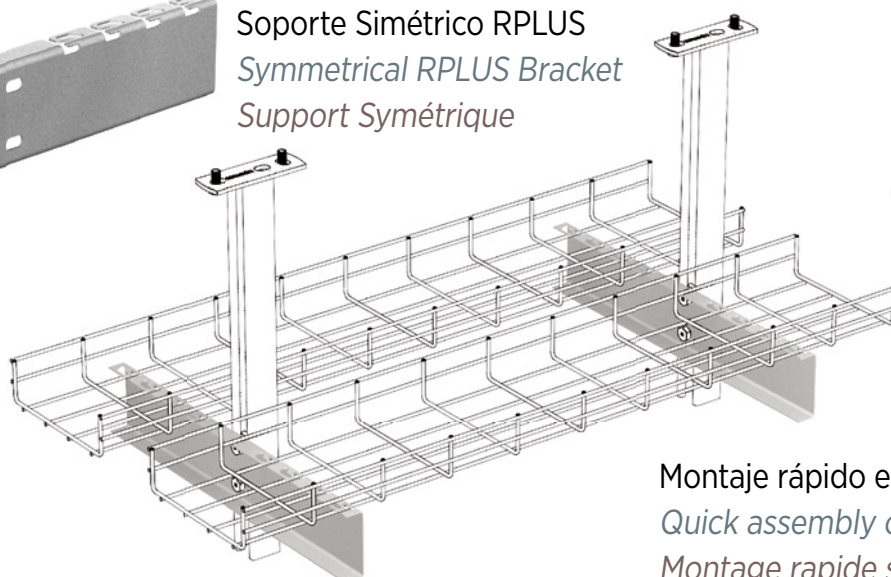


Sistema Oculto.
El soporte queda dentro de la bandeja
Hidden System.
The support is installed inside the cable tray
Système Caché.
Le support reste à l'intérieur de la dalle

NEW



Soporte Simétrico RPLUS
Symmetrical RPLUS Bracket
Support Symétrique

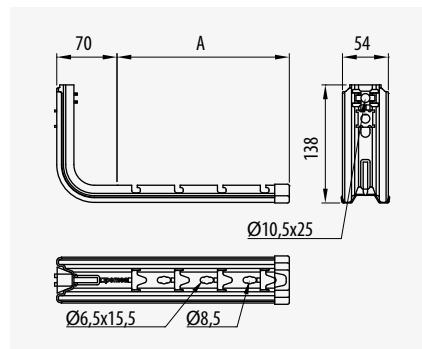


Montaje rápido en péndulos
Quick assembly on pendants
Montage rapide sur pendants

146


**Soporte
Omega
SPLUS**
**Omega
SPLUS
Bracket**
**Support
Omega**

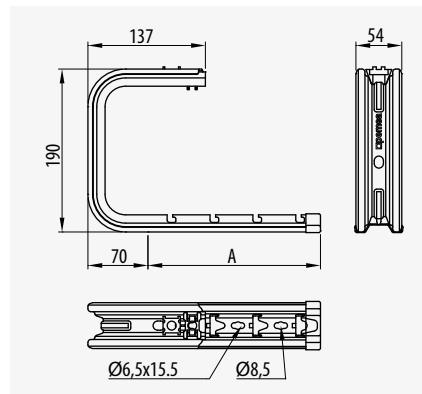

100-400				
	A	Ref	kg/u	u
PG	100	62021104	0,248	5
	150	62021154	0,275	5
	200	62021204	0,451	5
	300	62021304	0,572	5
	400	62021404	0,693	5
GC	100	62031104	0,256	5
	150	62031154	0,284	5
	200	62031204	0,462	5
	300	62031304	0,586	5
	400	62031404	0,711	5
C8	100	62081104	0,257	5
	150	62081154	0,286	5
	200	62081204	0,451	5
	300	62081304	0,566	5
	400	62081404	0,681	5
304	100	62051104	0,254	5
	150	62051154	0,283	5
	200	62051204	0,446	5
	300	62051304	0,561	5
	400	62051404	0,674	5
316L	100	62061104	0,254	5
	150	62061154	0,283	5
	200	62061204	0,446	5
	300	62061304	0,561	5
	400	62061404	0,674	5



↓CTA↓ (kg)	100	150	200	300	400
kg	60	60	60	38	28

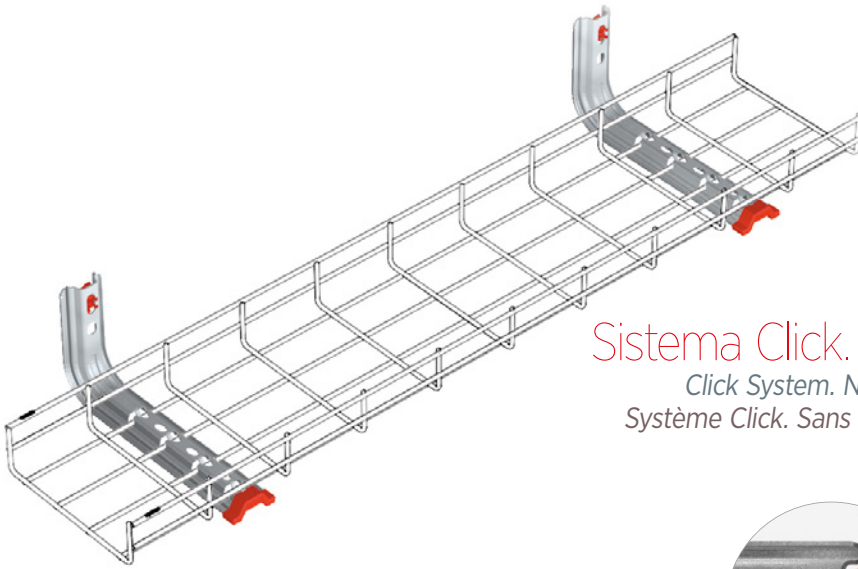
NO **rejitband**® 60x60
**Soporte
Techo Omega
SPLUS**
**Omega
SPLUS Ceiling
Bracket**
**Support
Omega
Plus**


100-400				
	A	Ref	kg/u	u
PG	100	62022104	0,391	4
	150	62022154	0,557	4
	200	62022204	0,642	4
	300	62022304	0,763	4
	400	62022404	0,887	4
GC	100	62032104	0,404	4
	150	62032154	0,571	4
	200	62032204	0,658	4
	300	62032304	0,782	4
	400	62032404	0,906	4
C8	100	62082104	0,408	4
	150	62082154	0,432	4
	200	62082204	0,651	4
	300	62082304	0,765	4
	400	62082404	0,881	4
304	100	62052104	0,403	4
	150	62052154	0,427	4
	200	62052204	0,643	4
	300	62052304	0,757	4
	400	62052404	0,871	4
316L	100	62062104	0,403	4
	150	62062154	0,427	4
	200	62062204	0,643	4
	300	62062304	0,757	4
	400	62062404	0,871	4



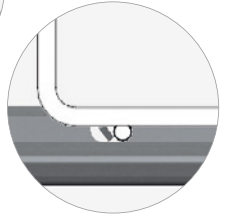
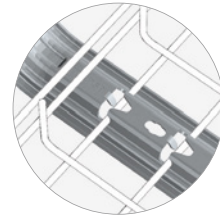
↓CTA↓ (kg)	100	150	200	300	400
kg	33	36	29	25	18

NO **rejitband**® 60x60



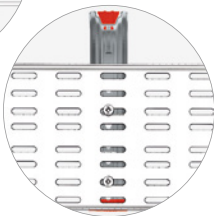
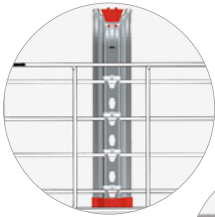
Sistema Click. Sin fijaciones

Click System. No additional fixings.
Système Click. Sans fixations



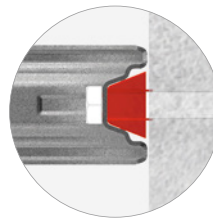
Universal Compatible para todas las bandejas

Compatible with all of the cable trays
Compatible pour toutes les dalles



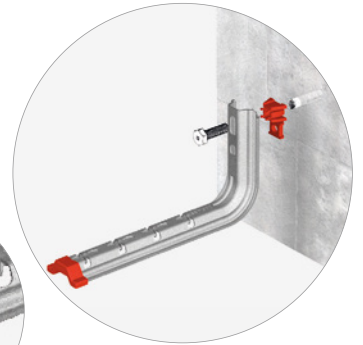
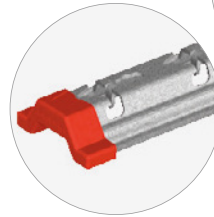
Seguridad. Mejoran la instalación!!

Security. Improves the installation
Plus Sécurisant. Pour améliorer l'installation



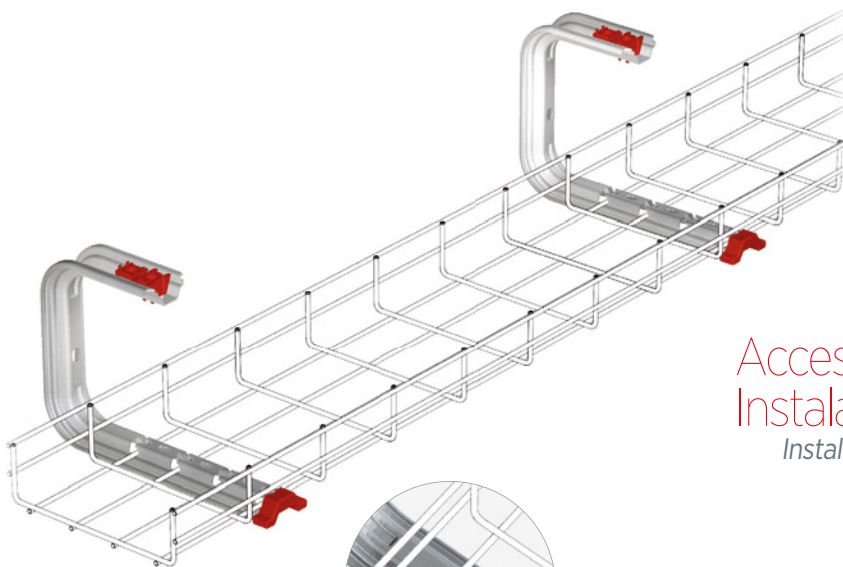
Tope

Plug
Embout de Protection



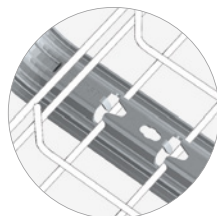
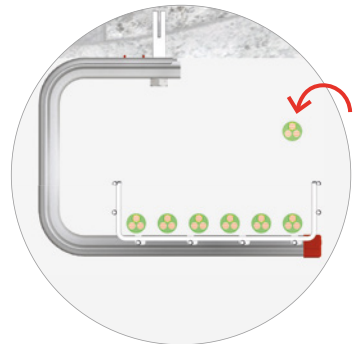
Protector

Protector
Protection



Accesible. Instalación lateral del cable

Installation of cables from the side
Installation latéral du câble



Sistema Click. Sin fijaciones

Click System. No additional fixings.
Système Click. Sans fixation



Soporte
Reforzado
RPLUS

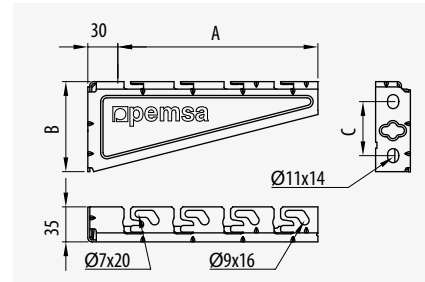
Medium Duty
Cantilever
RPLUS

Support
Renforcé
RPLUS



100-600						
	A	B	C	Ref	kg/u	u
PG	100	90	54	62025103	0,178	4
	150	90	54	62025153	0,237	4
	200	90	54	62025203	0,384	4
	300	90	54	62025303	0,536	4
	400	126	92	62025403	0,765	4
	500	126	92	62025503	0,934	4
	600	126	92	62025603	1,097	4

NO **reliBand**® 60x60



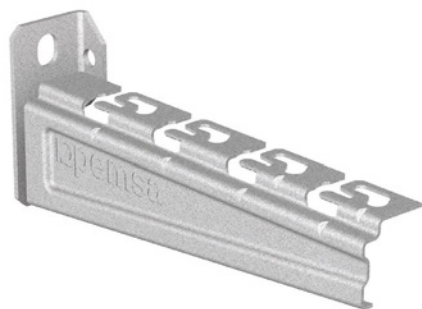
↓CTA↓ (kg)	A	kg
	100	210
	150	170
	200	180
	300	140
	400	180
	500	90
	600	120



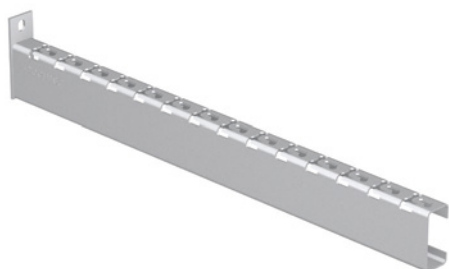
Soporte
Reforzado
RPLUS

Medium Duty
Cantilever
RPLUS

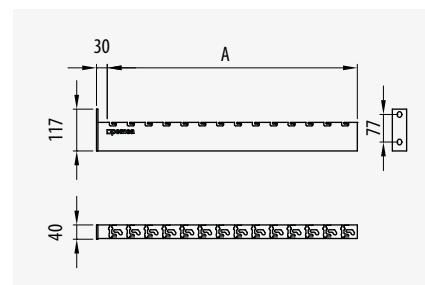
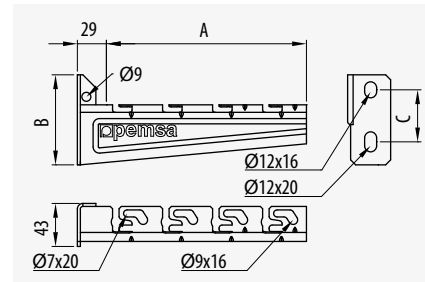
Support
Renforcé
RPLUS



Sistema Click no disponible en 304 y 316L
SS Medium Duty Cantilevers are available in Click
Système Click non disponible en 304 & 316L

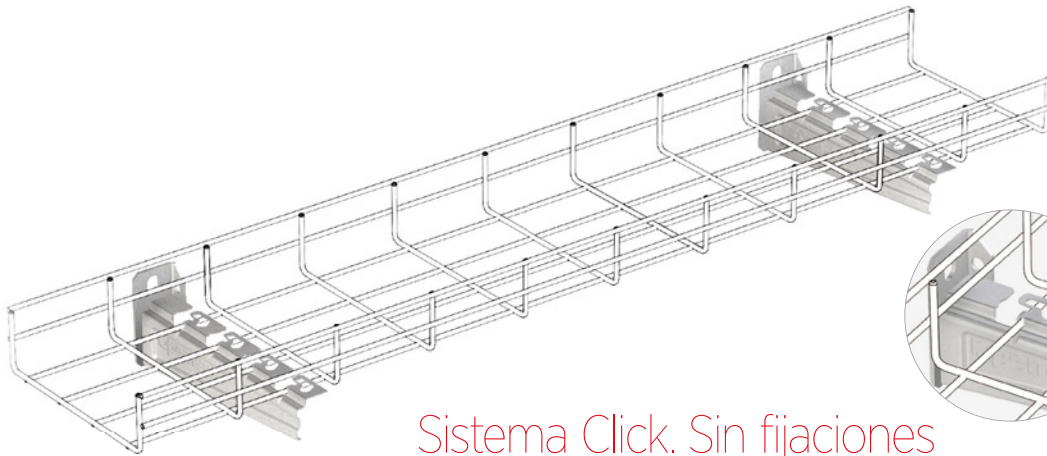


100-1000						
	A	B	C	Ref	kg/u	u
GC	100	90	52	62035103	0,232	4
	150	90	52	62035153	0,288	4
	200	90	52	62035203	0,331	4
	300	90	52	62035303	0,425	4
	400	117	79	62035403	0,778	4
	500	117	79	62035503	0,928	4
	600	117	79	62035603	1,074	4
	700	117	77	62035703	2,449	4
	750	117	77	62035753	2,611	4
	800	117	77	62035803	2,765	4
C8	900	117	77	62035903	3,082	4
	1000	117	77	62035993	3,398	4
	100	90	52	62085103	0,221	4
	150	90	52	62085153	0,272	4
	200	90	52	62085203	0,311	4
	300	90	52	62085303	0,401	4
	400	117	79	62085403	0,741	4
	500	117	79	62085503	0,883	4
	600	117	79	62085603	1,021	4
304	100	90	52	62055103	0,197	4
	150	90	52	62055153	0,246	4
	200	90	52	62055203	0,292	4
	300	90	52	62055303	0,386	4
	400	117	79	62055403	0,721	4
	500	117	79	62055503	0,866	4
	600	117	79	62055603	1,011	4
316 L	100	90	52	62065103	0,197	4
	150	90	52	62065153	0,246	4
	200	90	52	62065203	0,292	4
	300	90	52	62065303	0,386	4
	400	117	79	62065403	0,721	4
	500	117	79	62065503	0,866	4
	600	117	79	62065603	1,011	4

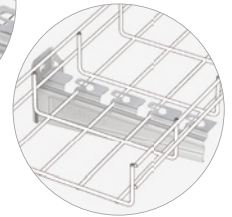


↓CTA↓ (kg)	A	kg
	100	225
	150	245
	200	190
	300	110
	400	245
	500	92
	600	110
	700	220
	750	220
	800	220
GC / C8	900	220
	1000	220
304 / 316 L	100	160
	150	190
	200	190
	300	130
	400	150
	500	110
	600	95

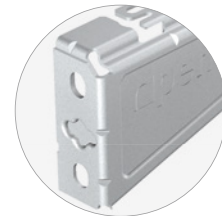
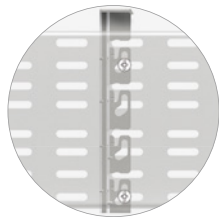
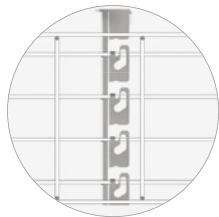




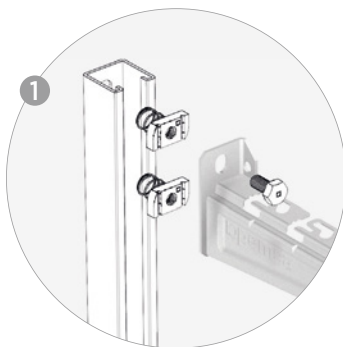
Sistema Click. Sin fijaciones
Click System. No additional fixings
Système Click Sans fixation



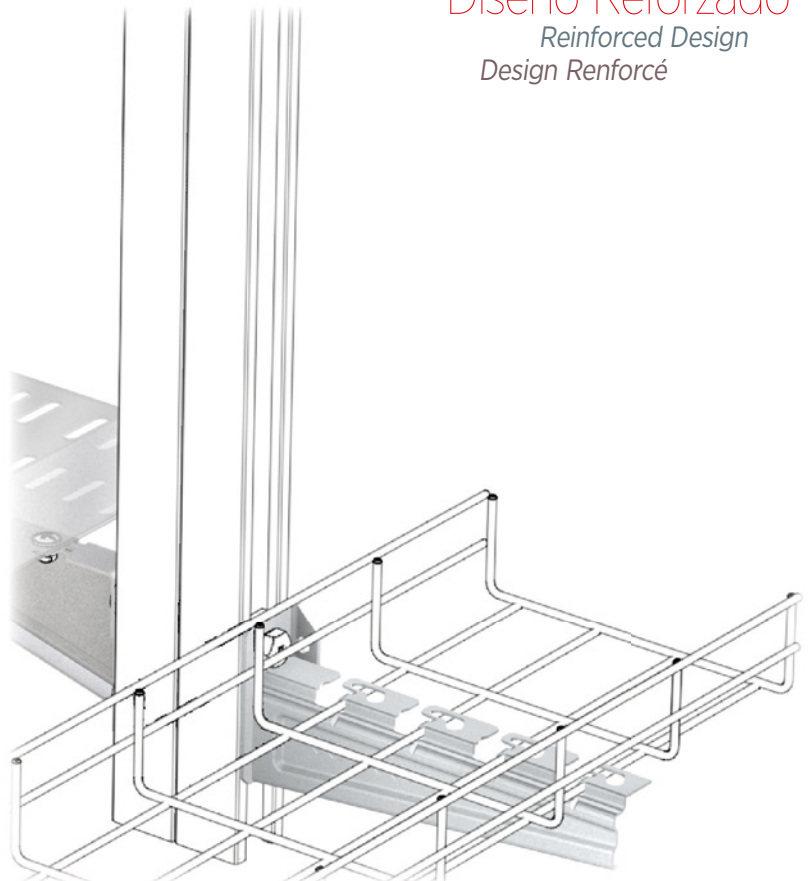
Universal
Compatible para todas las bandejas
Compatible with all of the cable trays
Compatible pour toutes les dalles



Diseño Reforzado
Reinforced Design
Design Renforcé



	M10x35	x2			167
		x2			154
		x1			146





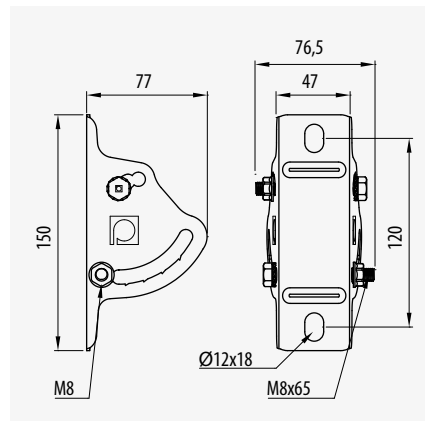
**Kit Soporte
RPLUS
Reforzado
Variable**

**Adjustable
RPLUS Kit**

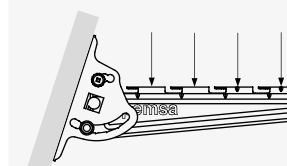
**Kit Support
Renforcé**

100-600

	Ref	kg/u	u
GC	62037002	0,311	4
304	62057002	0,295	4
316L	62067002	0,295	4



↓CTA↓ (kg)	100	150	200	300	400	500	600
kg	225	245	190	110	245	135	110



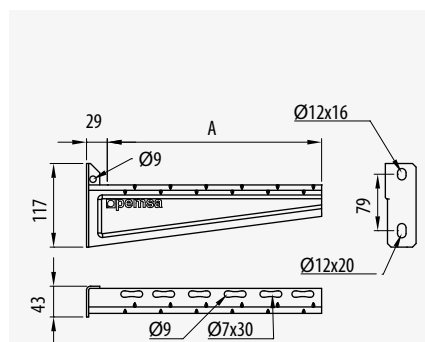
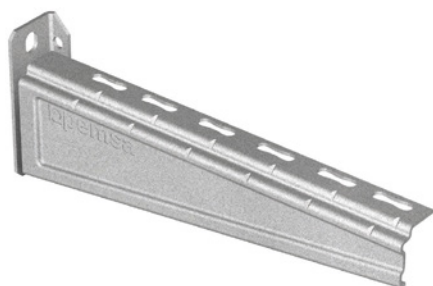
**Soporte
RPLUS Muy
Reforzado**

**Heavy Duty
Cantilever
RPLUS**

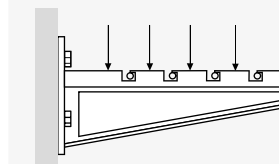
**Support
Très
Renforcé**

300-600

	A	AN	Ref	kg/u	u
GC	300	79	63033303	0,798	4
	400	79	63033403	0,996	4
	500	79	63033503	1,198	4
	600	79	63033603	1,396	4



↓CTA↓ (kg)	300	400	500	600
kg	220	220	160	165



IDEA

megaband®

GC

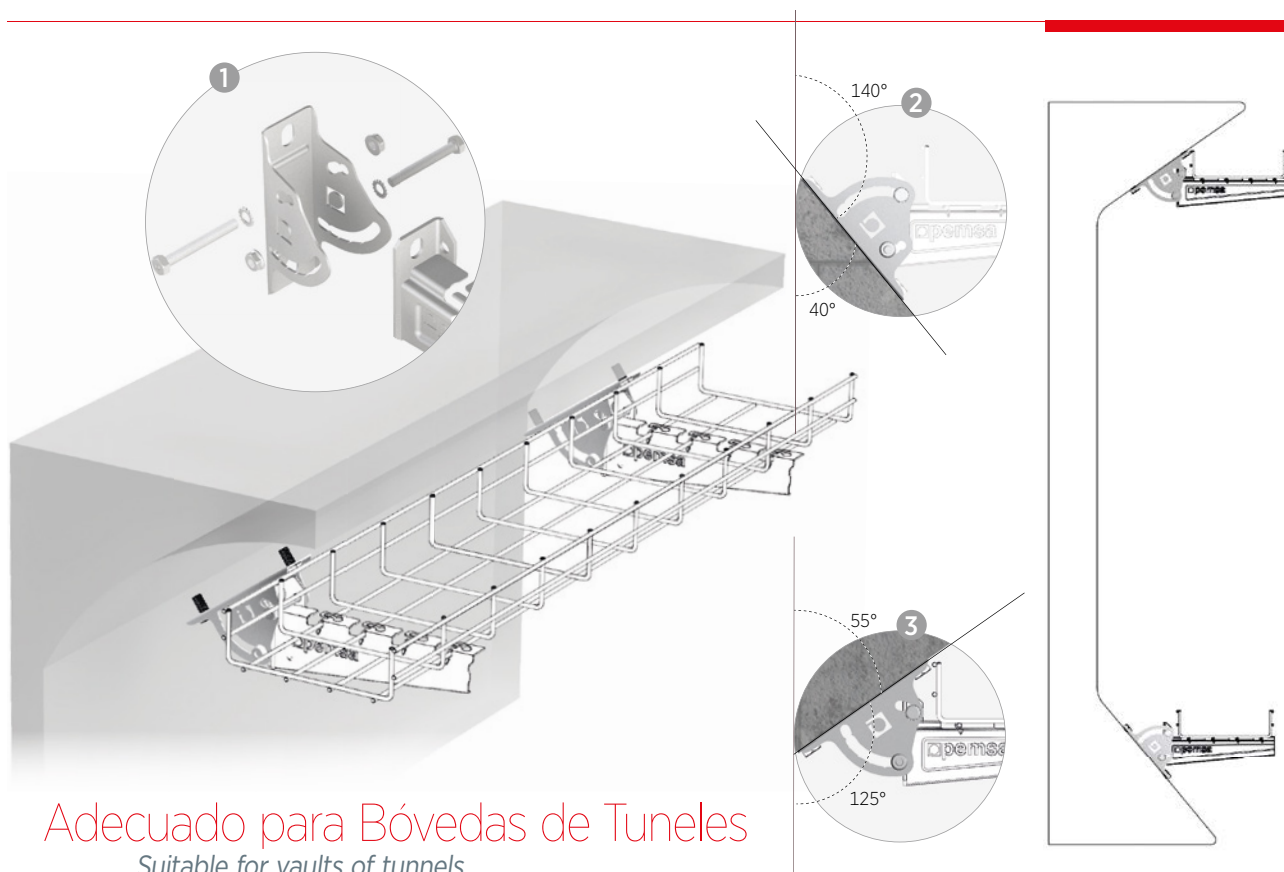


Bandeja de Escalera para aplicaciones industriales

Ladder for industrial applications

Dalle en échelle pour application industrielles

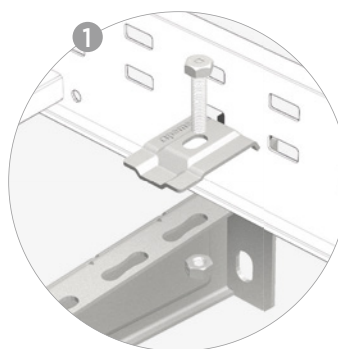
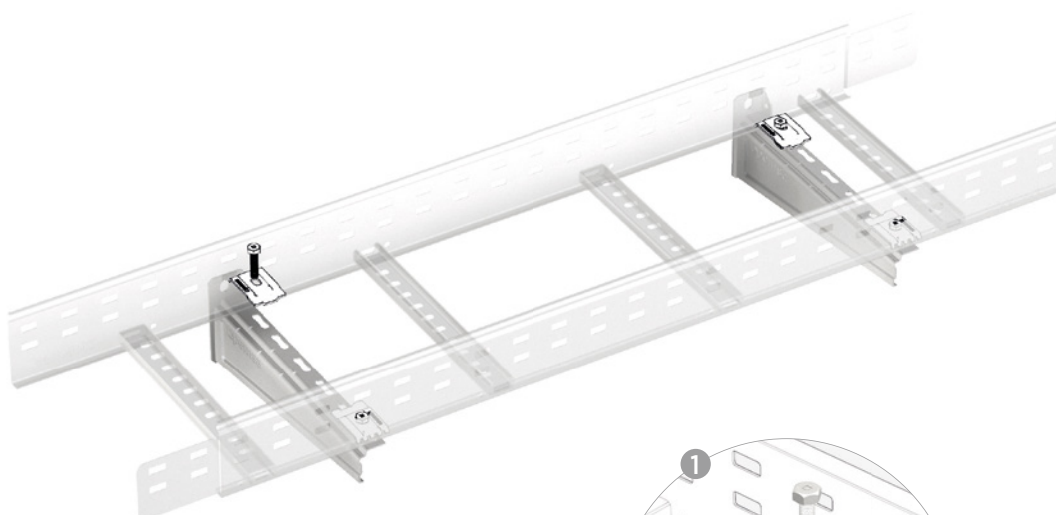
11 080



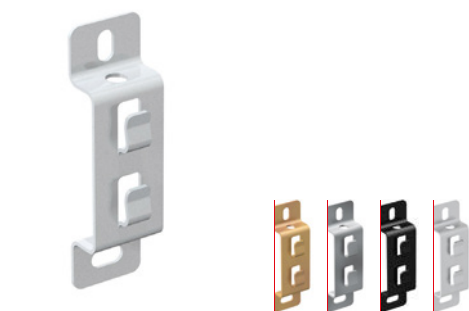
Adecuado para Bóvedas de Tuneles

Suitable for vaults of tunnels.

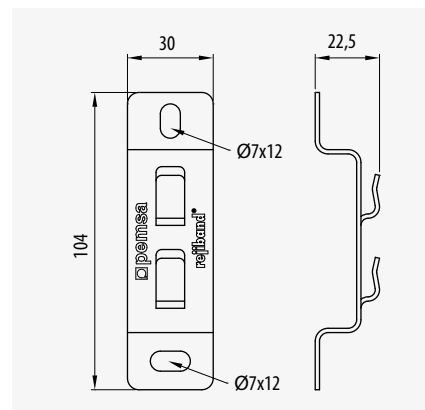
Approprié aux Voûtes de Tunnels



	x2		090
	x2		090


SopORTE 60 | **Side Support 60** | **Support 60**


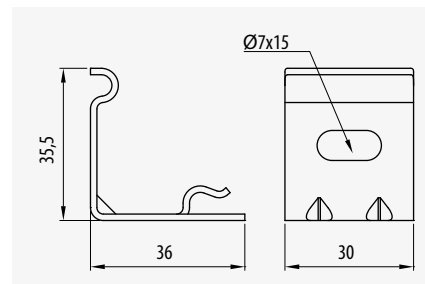
	Ref	kg/u	u
EZ	62011060	0,042	25
BC	62021060	0,042	25
GC	62031060	0,044	25
C8	62081060	0,044	25
316L	62061060	0,042	25


↓CTA↓ (kg) 25

SopORTE LigerO Pared | **Light Duty Wall Support** | **Support Mural Charge Légère**


	Ref	kg/u	u
EZ	62016021	0,055	25
BC	62026021	0,055	25
GC	62036021	0,055	25
C8	62086021	0,055	25


↓CTA↓ (kg) 15

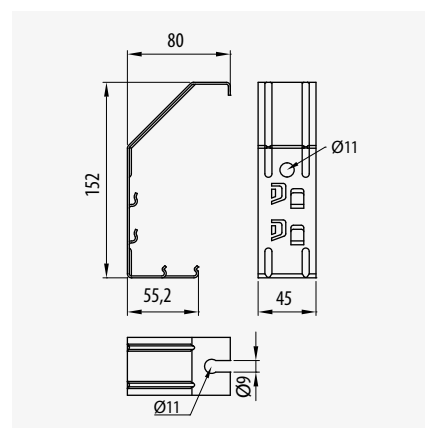
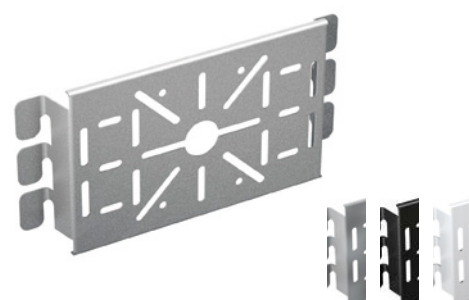
NO rejiBand® 35x60


SopORTE LigerO Techo | **Light Duty Ceiling Support** | **Support Plafond Charge légère**

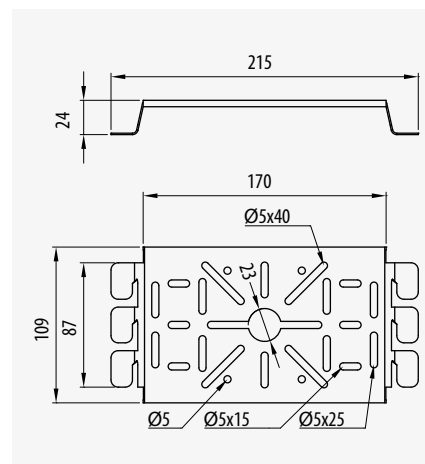

	Ref	kg/u	u
EZ	62016020	0,127	36
BC	62026020	0,127	36
GC	62036020	0,127	36
C8	62086020	0,127	36

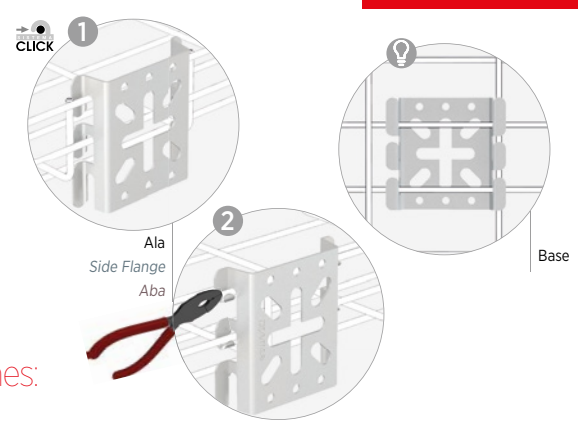
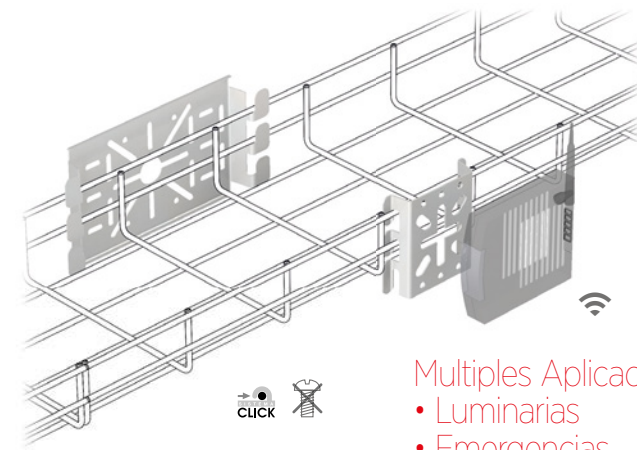
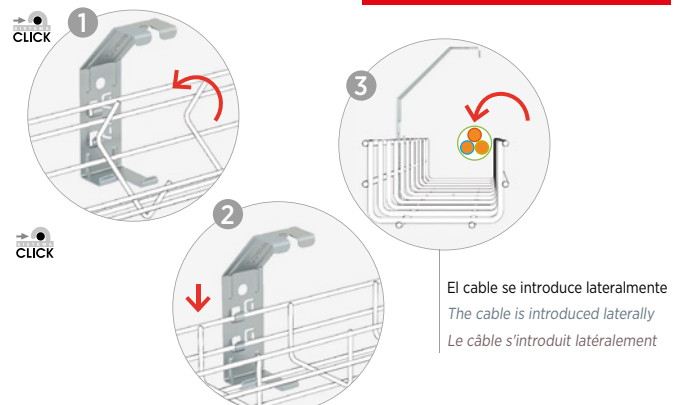
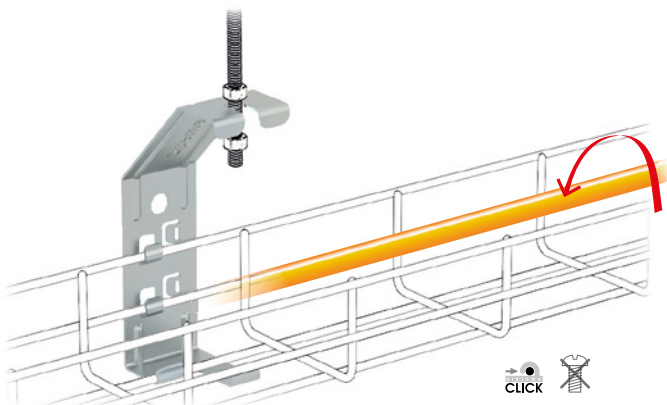
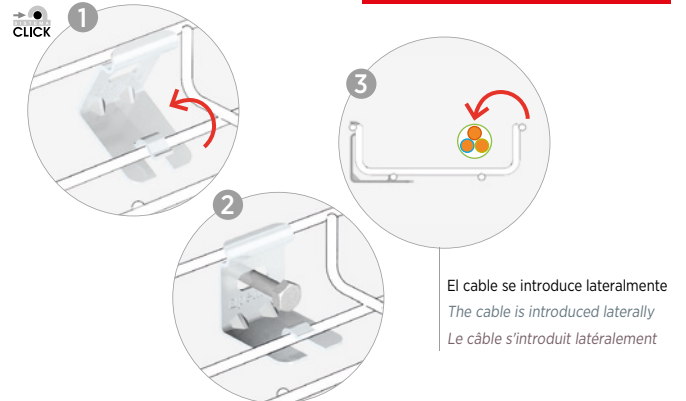
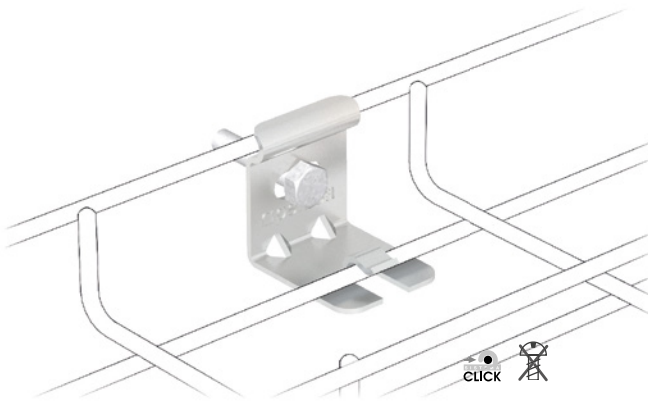
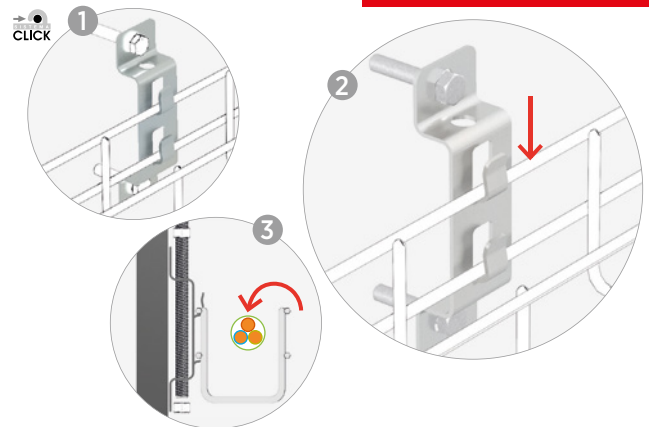
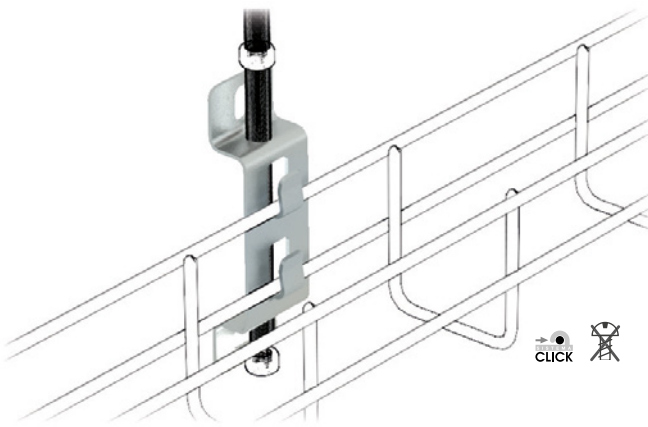

↓CTA↓ (kg) 10

NO rejiBand® 60x60


SopORTE Universal rejiBand® | **rejiBand® Universal Bracket** | **Support Universel rejiBand®**


	Ref	kg/u	u
PG	62026011	0,173	10
GC	62036011	0,187	10
C8	62086011	0,173	10
316L	62066011	0,180	10


↓CTA↓ (kg) 10




Multiples Aplicaciones:

- Luminarias
- Emergencias
- Cajas
- Router
- Sensores
- Detectores

Multiple Applications:

- Lamps
- Emergency lighting
- Boxes
- Router
- Sensors
- Detectors

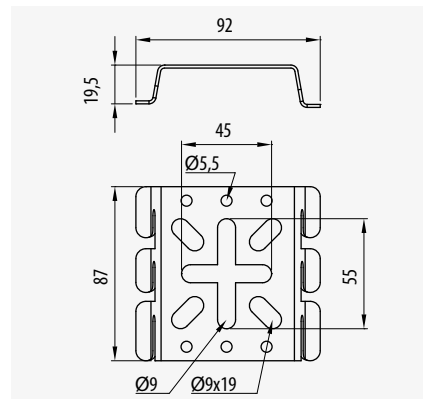
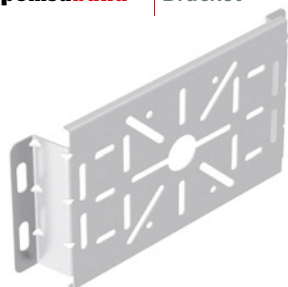
Multiples Applications:

- Luminaires
- Urgences, Sortie de secours
- Caisse
- Router
- Capteur
- Détecteur


**Mini
Soporte**
**Mini Universal
Bracket**
**Mini
Support**

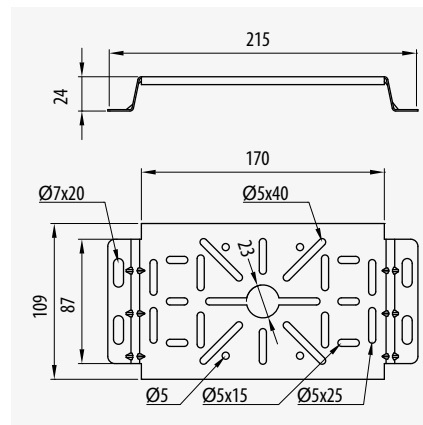

CLICK

	Ref	kg/u	u
PG	62026010	0,091	10
GC	62036010	0,101	10
C8	62086010	0,091	10
316L	62066010	0,095	10

↓CTA↓ (kg) 50

**Soporte
Universal
pemsa®**
**pemsa®
Universal
Bracket**
**Support
Universel
pemsa®**


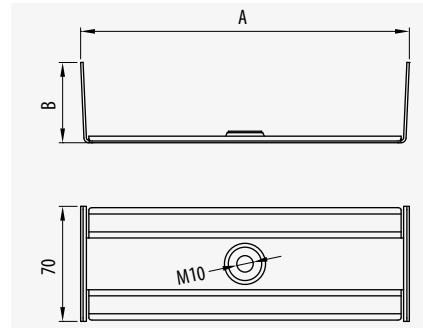
CLICK

	Ref	kg/u	u
PG	70420911	0,179	10
GC	70430911	0,197	10

↓CTA↓ (kg) 10

**Suspensión
interior
pemsa®**
**pemsa®
Inside
Hanging
Plate**
**Suspension
intérieure
pemsa®**


	A	Ref	kg/u	u
EZ	100	70122210	0,157	10
	150	70122215	0,198	10
	200	70122220	0,239	10
	300	70122230	0,321	10
	400	70122240	0,404	10
GC	100	70132210	0,167	10
	150	70132215	0,211	10
	200	70132220	0,255	10
	300	70132230	0,342	10
	400	70132240	0,431	10

A	↓CTA↓ (kg)	A	↓CTA↓ (kg)
100	40	200	27
150	35	300	20


IDEA

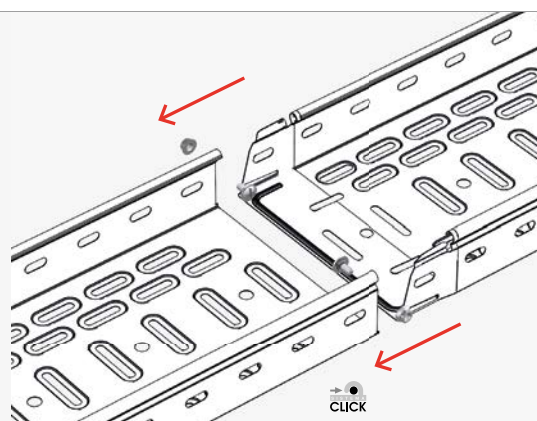
 Bandeja
de Chapa
Perforada
Click

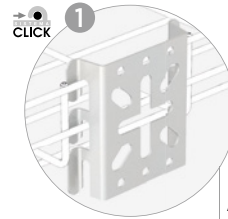
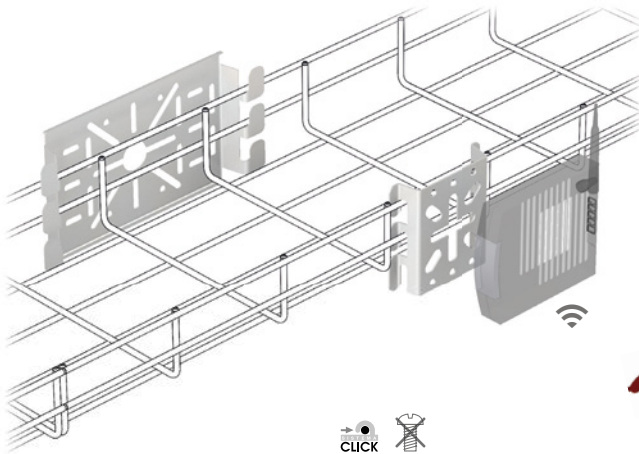
 Perforated
Click
System
Cable Tray

 Dalle
perforée et
emboutie
Click

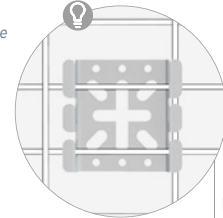
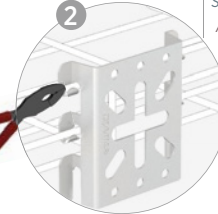

048

pemsa®

 Sistema enchufable
Quick Click Joint System
Système click à union rapide




Ala
Side Flange
A ergo



Base

Multiples Aplicaciones:

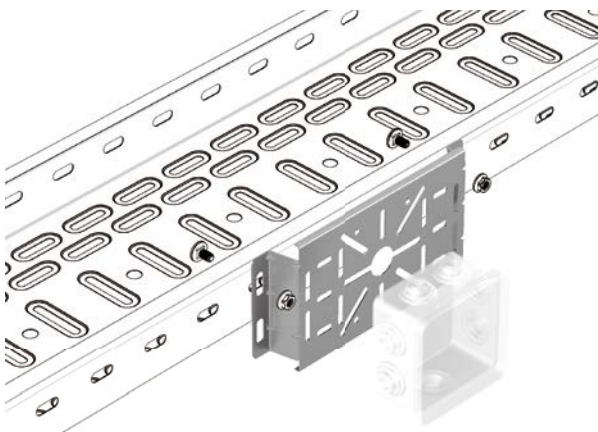
- Luminarias
- Emergencias
- Cajas
- Router
- Sensores
- Detectores

Multiple Applications:

- Lamps
- Emergency lighting
- Boxes
- Router
- Sensors
- Detectors

Multiples applications:

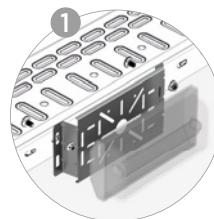
- Luminaires
- Ugences, Sortie de secours
- Caisses
- Routeur
- Capteurs
- Détecteurs



x 2



166



Versátil. Múltiples aplicaciones!!

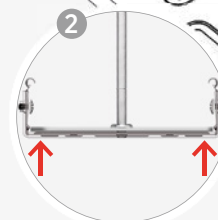
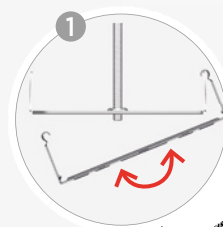
Versatile. Multiple applications
Versatile, multiples applications

Cajas / Boxes / Caisses
Emergencias / Emergency Lightning / Sortie de secours, Urgences
Routeur
Speakers

Sistema Oculto. El soporte queda dentro de la bandeja!!

Hidden System.
The support is installed inside the cable tray

Système Caché.
Le support reste à l'intérieur de la dalle



IDEA



x 2

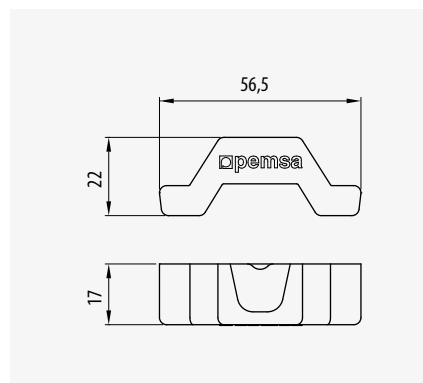
166


**Protector
Omega
SPLUS**
*Omega
SPLUS
Protector*
*Embout de
Protection
Omega
SPLUS*


CLICK



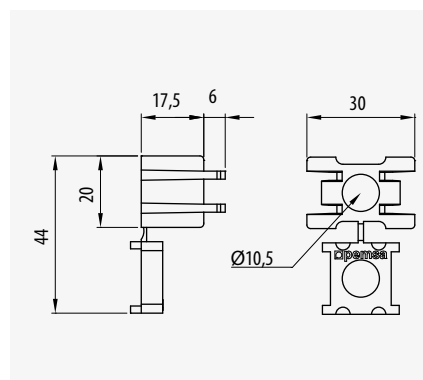
100-600		
Ref	kg/u	u
62031084	0,009	50


**Tope Omega
SPLUS**
*Omega
SPLUS Plug*
*Butoir de
Sécurité
Omega
SPLUS*


CLICK



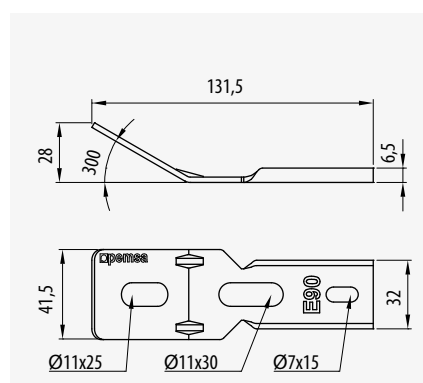
100-600		
Ref	kg/u	u
62031085	0,009	50


**Conector
E90 SPLUS**
*Connector
E90 SPLUS*
*Connecteur
E90 Omega
SPLUS*


CLICK

E90

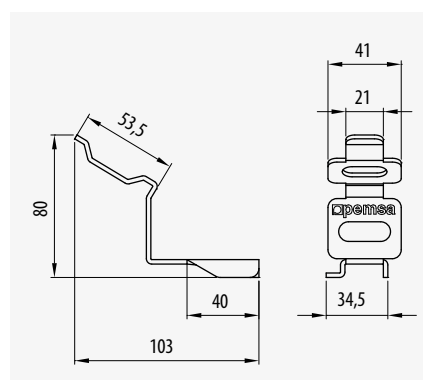
 100-600			
	Ref	kg/u	 u
GC	62031090	0,093	60

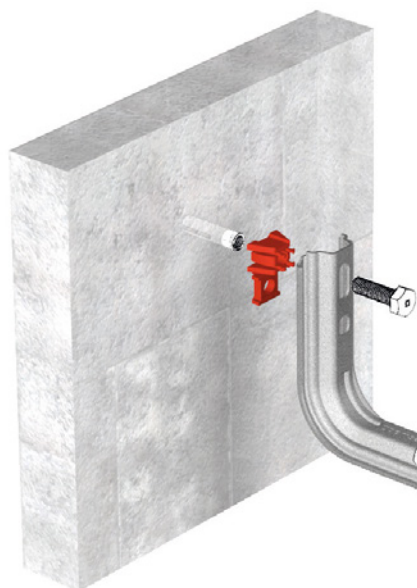

**Conector
E90 RPLUS**
*Connector
E90 RPLUS*
*Connecteur
E90 RPLUS*


CLICK

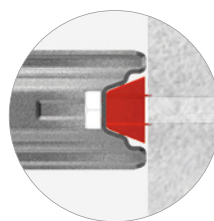
E90

100-600			
	Ref	kg/u	u
GC	62035001	0,083	15



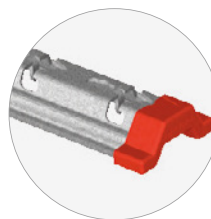


Seguridad
Safety
Sécurité

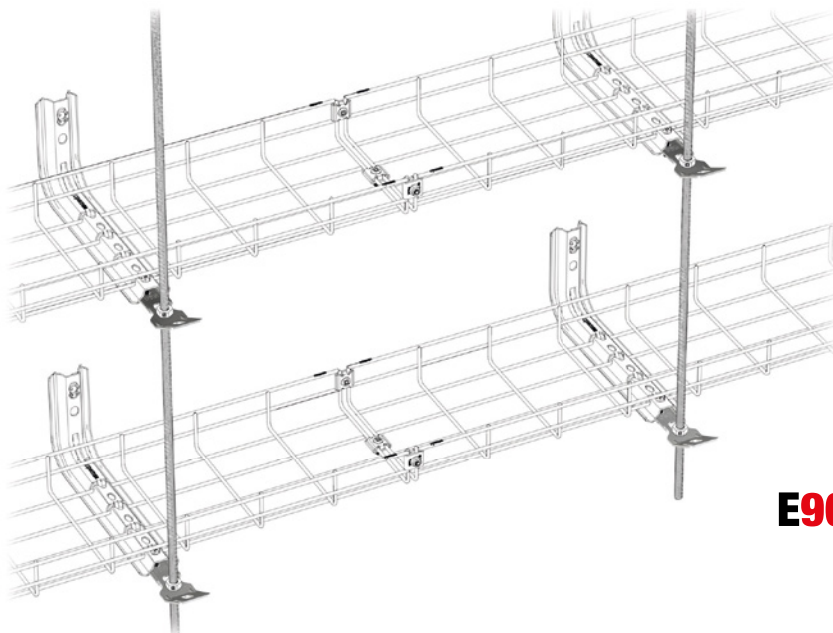


Mejora la instalación
Improves the installation
Améliore l'installation

Tope
Plug
Butoir

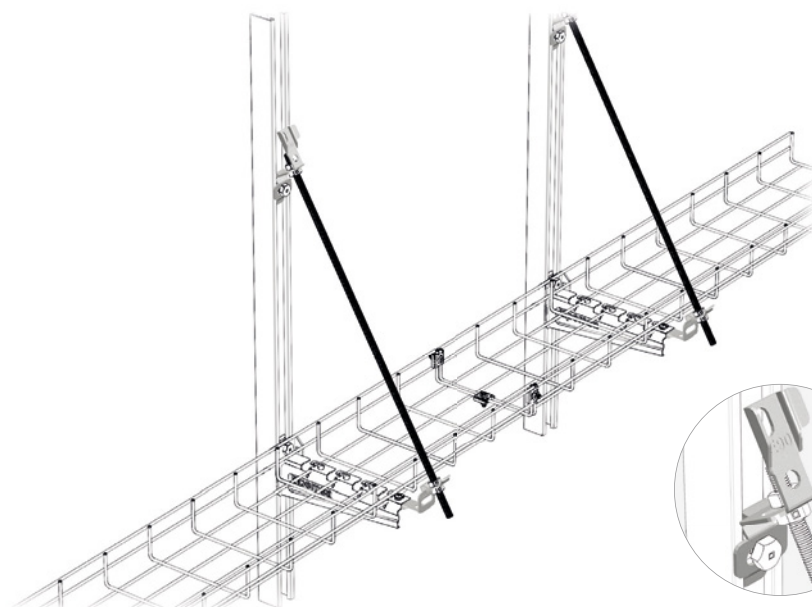
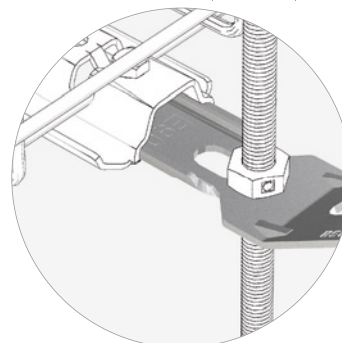


Protector
Protector
Embout de Protection

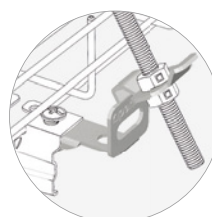
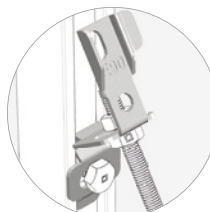


E90

	M6x30	x1		028
	M6x1000	x1		148
	M8	x2		167



		x1		138
	M8x500	x1		148
	M8	x2		167
	M6x30	x1		166

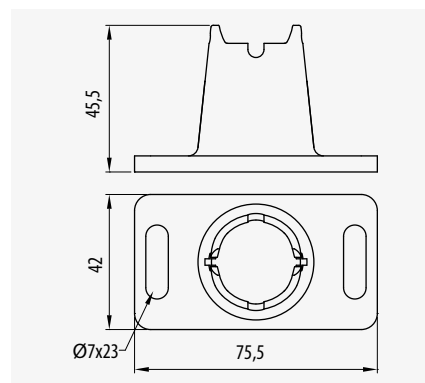


E90

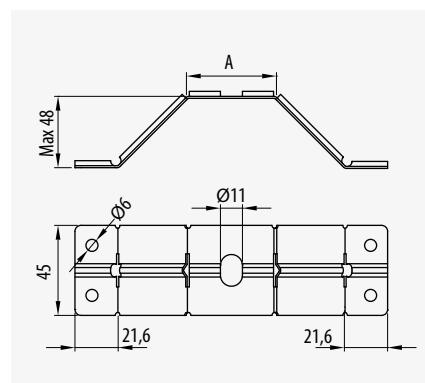

Pie | **Floor Foot** | **Pied**


35-60-100 • 60-600		
Ref	kg/u	u
68000060	0,022	100

↓CTA↓ (kg) 40


Pie Metal | **Metal Foot** | **Pied Métallique**

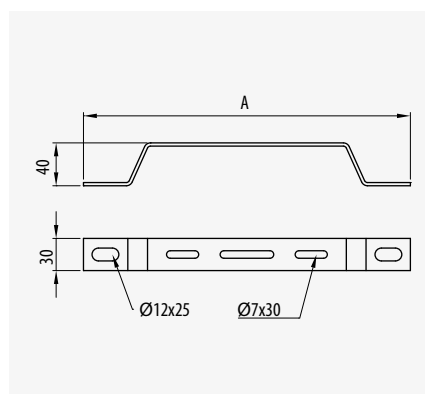

35-60-100 • 60-600				
	A	Ref	kg/u	u
PG	45	67020020	0,065	10
	90	67020120	0,081	10
GC	45	67030020	0,068	10
	90	67030120	0,085	10


Distanciador | **Stand off Bracket** | **Séparateur support vertical Mural**


35-60-100 • 60-600				
	A	Ref	kg/u	u
PG	180	67030539	0,172	10
	350	67030540	0,321	10
GC	180	67030541	0,242	10
	350	67030542	0,351	10
316L	180	67060541	0,132	10
	350	67060542	0,214	10



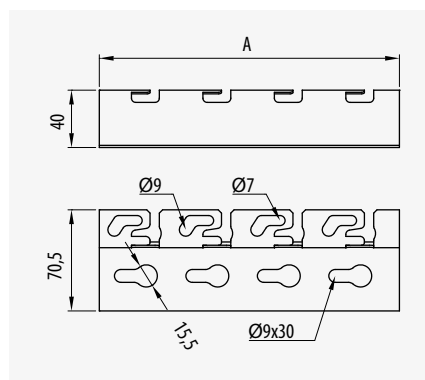
↓CTA↓ (kg) 100

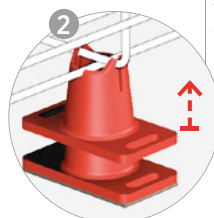
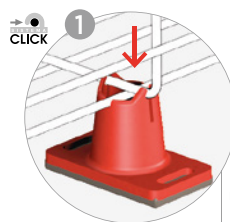
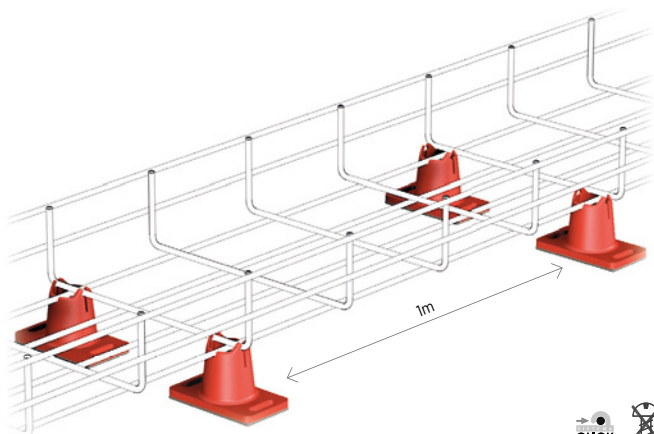

Distanciador Click | **Stand off Bracket Click** | **Fixation Réhausse Click**


35-60-100 • 100-600				
	A	Ref	kg/u	u
PG	100	67020520	0,119	10
	200	67020522	0,225	10
	300	67020524	0,331	10
GC	100	67030520	0,128	10
	200	67030522	0,241	10
	300	67030524	0,355	10
304	100	67050520	0,121	10
	200	67050522	0,228	10
	300	67050524	0,336	10
316L	100	67060520	0,121	10
	200	67060522	0,228	10
	300	67060524	0,336	10



↓CTA↓ (kg) 250

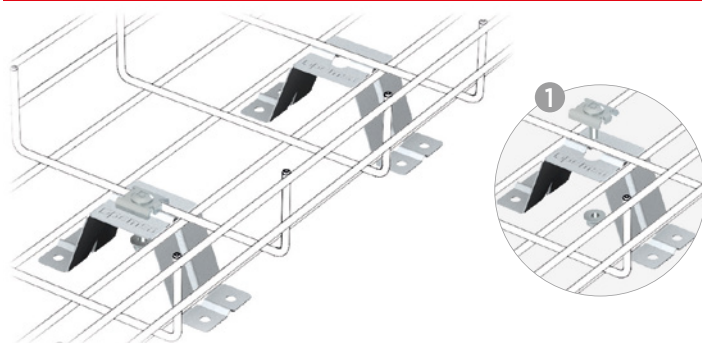




ref. 68000066
Adhesivo Pie
Adhesive & hardener
Pieds

Fácil, económico!!
Easy, Economical
Facile, Economique

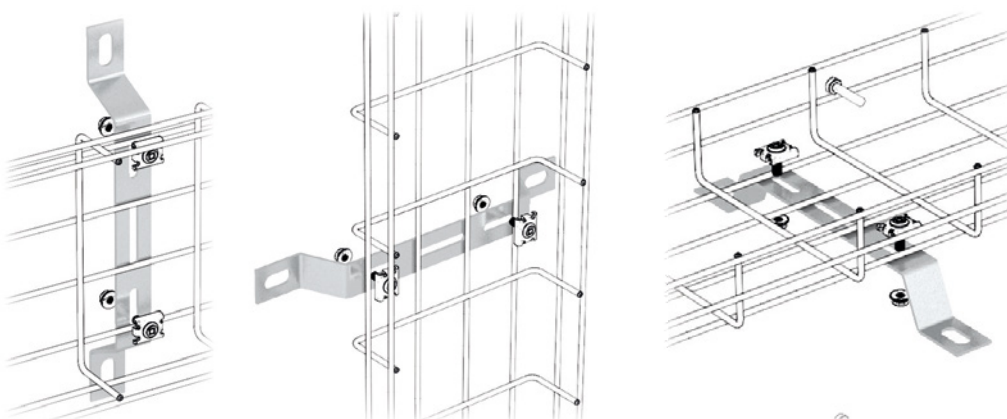
Rápida Instalación
Quick Assembly
Installation Rapide



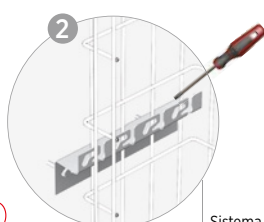
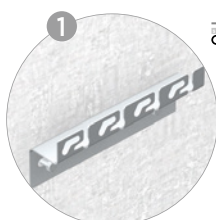
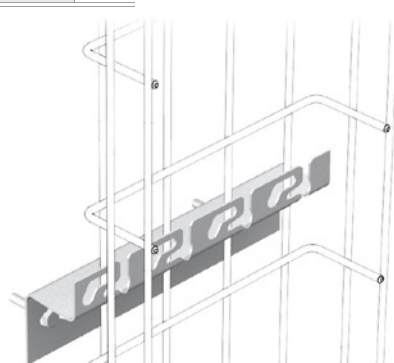
Aplicaciones:
• Suelos técnicos
• Instalaciones Comunicaciones
• Salas de Instalaciones

Applications:
• Technical floors
• Communication Installations
• Technical rooms

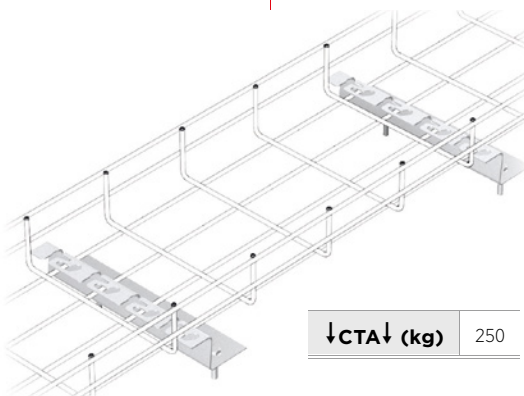
Applications:
• Sols techniques
• Installations, communications
• Salles techniques



↓CTA↓ (kg)	56
------------	----



Sistema Click.
Sin tornillos
Click System.
No screws are required
Système Click
Sans vis



↓CTA↓ (kg)	250
------------	-----

Premontaje vertical seguro.
No se cae

Safe vertical pre-assembly. Does not fall off
Pré-montage à la Vertical. Excellente tenue.



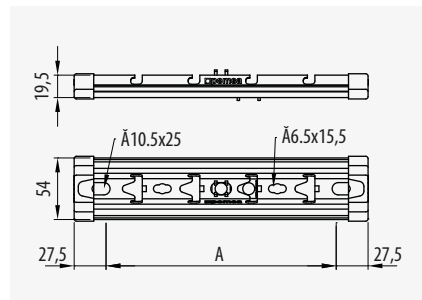
Suspensión
Omega
SPLUS

SPLUS
Omega
Channel

Suspension
Omega
SPLUS



	A	Ref	kg/u	u
PG	100	63022104	0,133	10
	150	63022154	0,179	10
	200	63022204	0,224	10
	300	63022304	0,314	10
	400	63022404	0,405	10
	500	63022504	0,495	10
	600	63022604	0,586	10
GC	100	63032104	0,143	10
	150	63032154	0,191	10
	200	63032204	0,241	10
	300	63032304	0,336	10
	400	63032404	0,434	10
	500	63032504	0,531	10
	600	63032604	0,627	10
C8	100	63082104	0,137	10
	150	63082154	0,187	10
	200	63082204	0,228	10
	300	63082304	0,321	10
	400	63082404	0,411	10
	500	63082504	0,502	10
	600	63082604	0,593	10
304	100	63052104	0,136	10
	150	63052154	0,182	10
	200	63052204	0,221	10
	300	63052304	0,306	10
	400	63052404	0,391	10
	500	63052504	0,476	10
	600	63052604	0,561	10
316L	100	63062104	0,136	10
	150	63062154	0,182	10
	200	63062204	0,221	10
	300	63062304	0,306	10
	400	63062404	0,391	10
	500	63062504	0,476	10
	600	63062604	0,561	10



↓CTA↓ (kg)	kg
una varilla / one rod / un tige filetée	
100-300	160

↓CTA↓ (kg)	kg
doble varilla / double rod / double tige filetée	
400-600	390



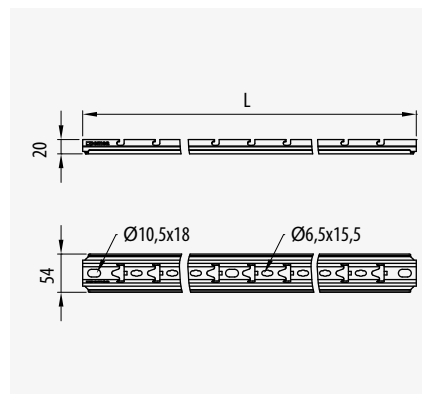
Rail Omega
SPLUS

SPLUS Omega
Channel

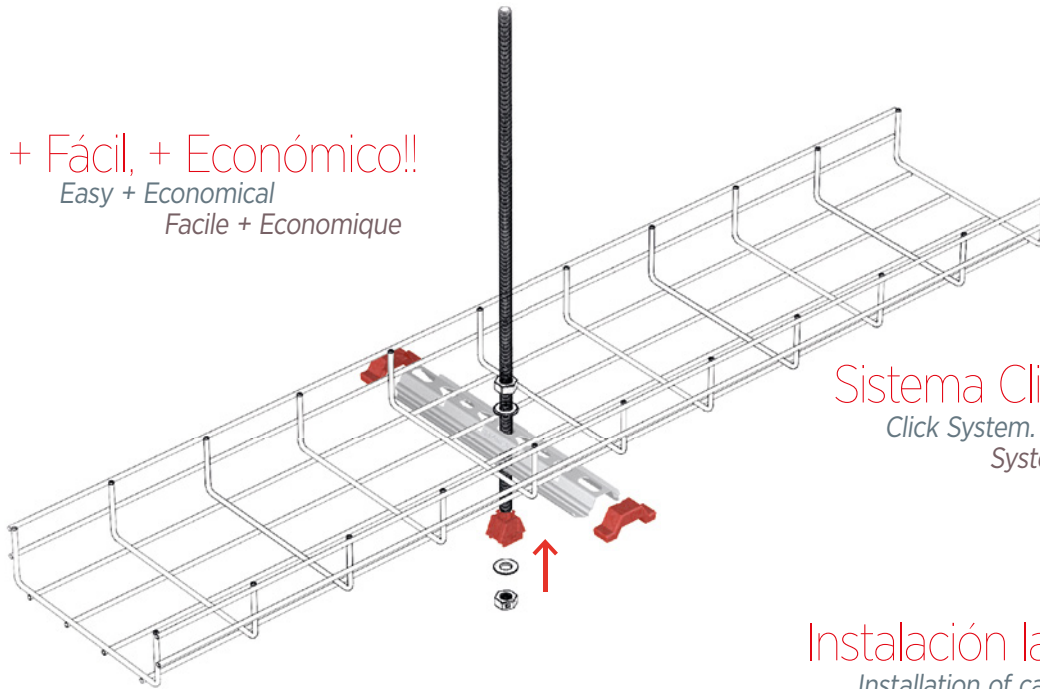
Rail Omega
SPLUS



	L	Ref	kg/u	u
PG	1000	67020110	1,196	1
	2000	67020111	2,331	1
	3000	67020112	3,462	1
GC	1000	67030110	1,229	1
	2000	67030111	2,399	1
	3000	67030112	3,555	1

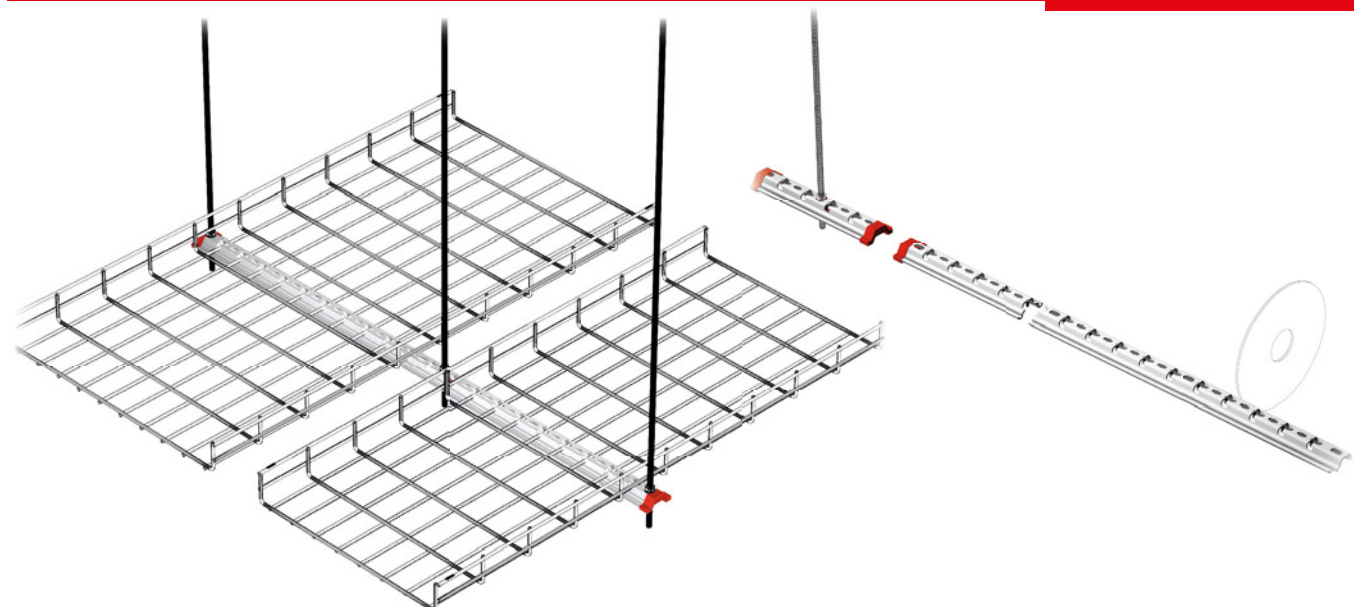
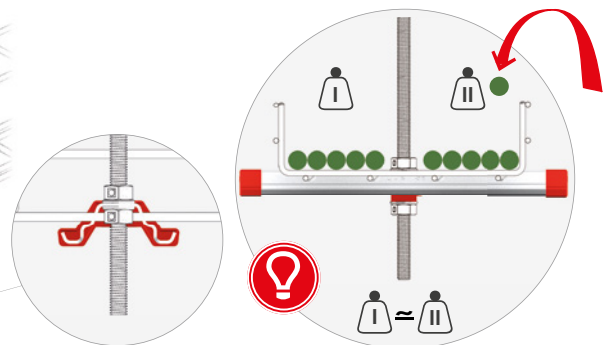
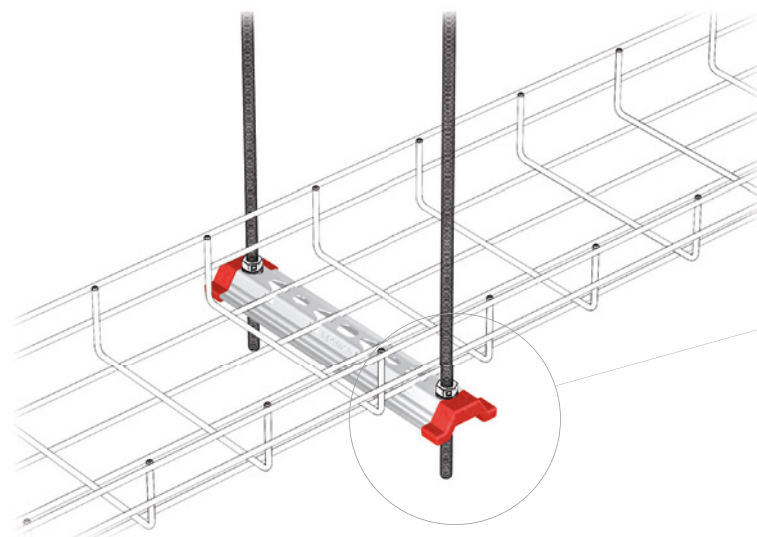


+ Fácil, + Económico!!
Easy + Economical
Facile + Economique



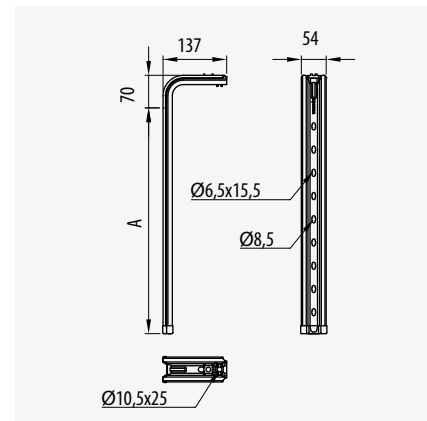
Sistema Click. Sin fijaciones
Click System. No additional fixings
Système Click sans Fixation

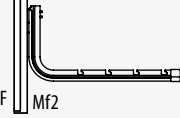
Instalación lateral del cable
Installation of cables from the side
Installation Latéral du Câble




**Péndulo
Omega SPLUS**
**Bracket/
Pendant
SPLUS**
**Pendard
Omega
SPLUS**

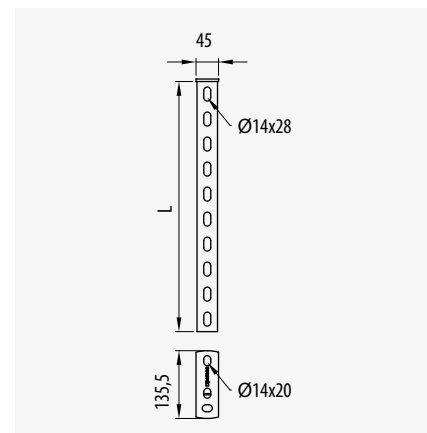

300-600				
	A	Ref	kg/u	u
GS	300	62021304	0,572	5
	400	62021404	0,693	5
	500	62021504	0,796	5
	600	62021604	0,916	5
GC	300	62031304	0,586	5
	400	62031404	0,711	5
	500	62031504	0,815	5
	600	62031604	0,939	5
C8	300	62081304	0,566	5
	400	62081404	0,681	5
	500	62081504	0,524	5
	600	62081604	0,949	5
304	300	62051304	0,561	5
	400	62051404	0,674	5
	500	62051504	0,817	5
	600	62051604	0,941	5
316L	300	62061304	0,561	5
	400	62061404	0,674	5
	500	62061504	0,817	5
	600	62061604	0,941	5

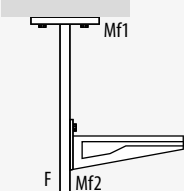


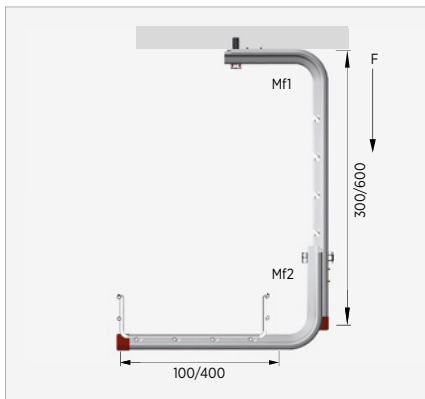
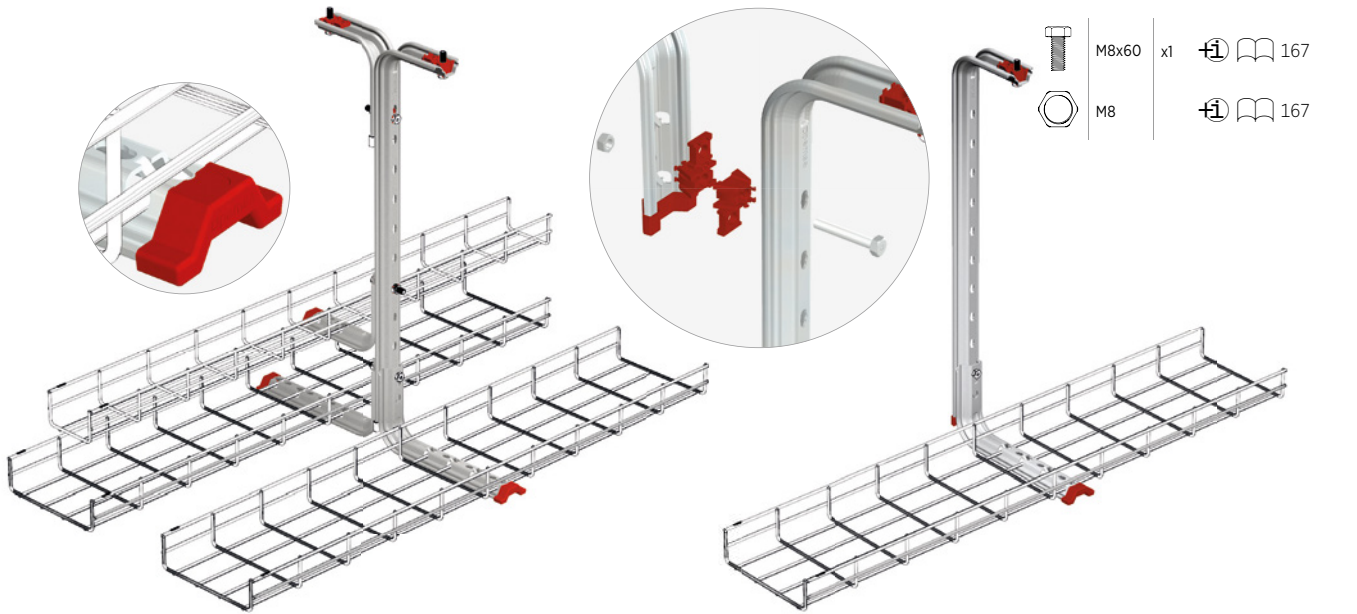
CTA (kg)			F kg	Mf1 kg.m	Mf2 kg.m
		PG			
		300	200	9	7
		400	200	7	6
		500	300	8	7
		600	350	10	9
		GC			
		300	165	8	6
		400	180	7	6
		500	270	11	10
		600	280	11	10

**Soporte
Techo 41x41**
**Pendant
Drop 41x41**
Pendard 41x41

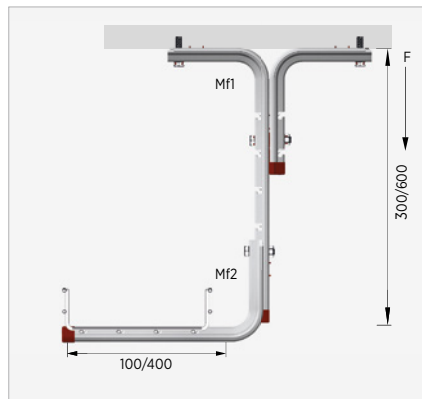

	L	Ref	kg/u	u
GC	500	67030660	1,455	1
	1000	67030661	2,356	1



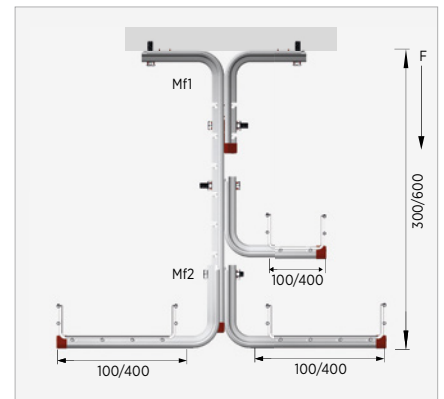
CTA (kg)			F kg	Mf1 kg.m	Mf2 kg.m	
			500	350	36	43
			1000	350	36	43



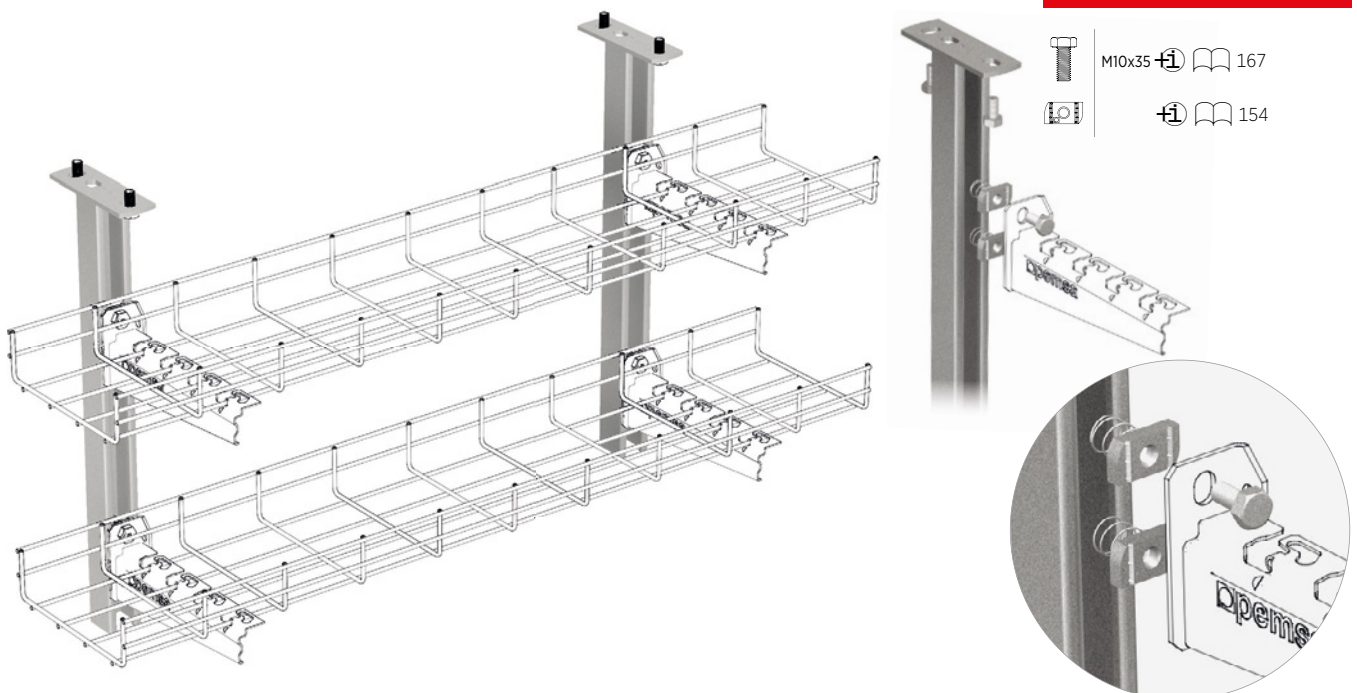
	PG	GC	316L
F (kg)	200	180	380
Mf1 (kgm)	7	7	11
Mf2 (kgm)	6	6	13



	PG	GC	316L
F (kg)	330	330	
Mf1 (kgm)	40	40	
Mf2 (kgm)	15	19	



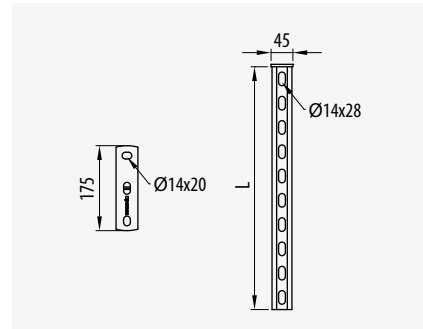
	PG	GC	316L
F (kg)	330	330	
Mf1 (kgm)	40	40	
Mf2 (kgm)	15	19	




**Soporte
Techo Doble
41x41**
**Double
Pendant
Drop 41x41**
**Double
Pendant**

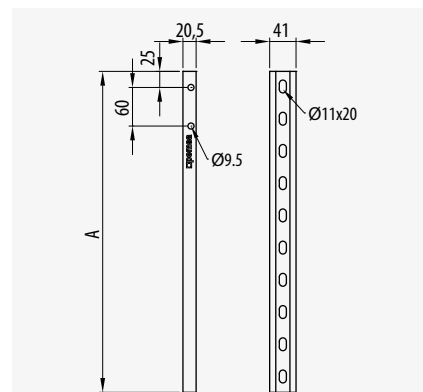
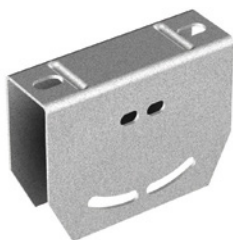

	L	Ref	kg/u	u
GC	500	67030662	2,358	1
	1000	67030663	4,161	1

↓CTA↓ (kg)	kg	Mf1 kg.m	Mf2 kg.m
	500	400	93
	1000	400	93

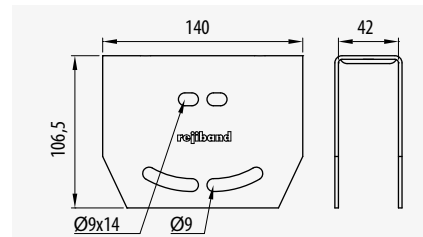
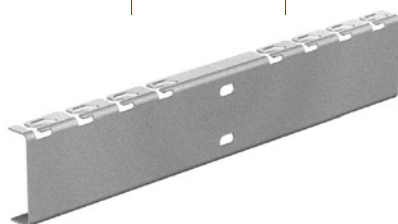

**Raíl Péndulo
Reforzado**
**Heavy Duty
Pendant
Channel**
**Echelle Rail
Pendant
Renforcé R21**


	A	Ref	kg/u	u
PG	500	67030646	0,859	1
	1000	67030647	1,726	1

↓CTA↓ (kg)	kg	Mf1 kg.m	Mf2 kg.m
	500	300	35
	1000	300	35

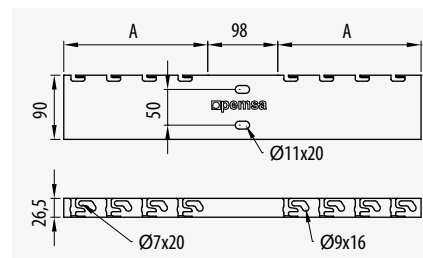

**Suspensión
Raíl Péndulo**
**Heavy Duty
Pendant Boss**
**Gousset
Double
Suspension
Rail Pendar
Renforcé**


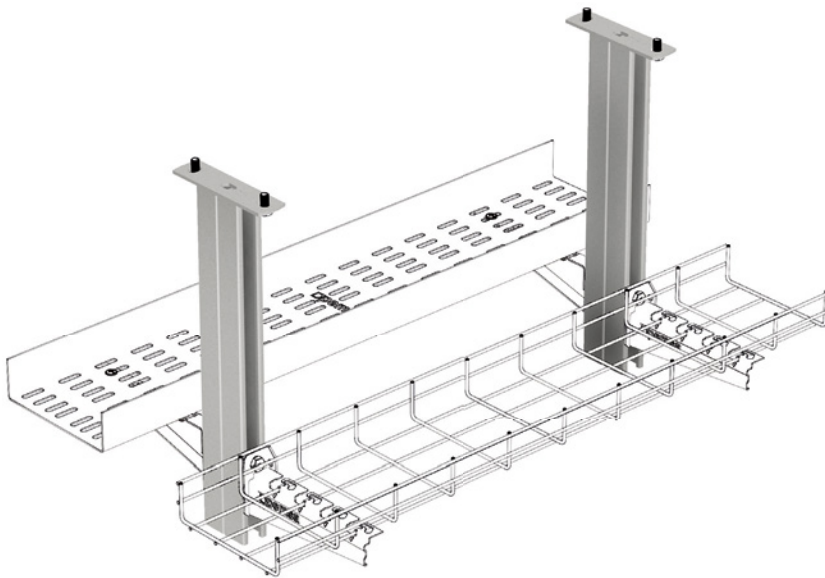
	Ref	kg/u	u
PG	67030645	0,619	1
GC	67030644	0,619	1


**Soporte
RPLUS
Simétrico**
**Symmetrical
RPLUS
Bracket**
**Support Double
Symétrique**


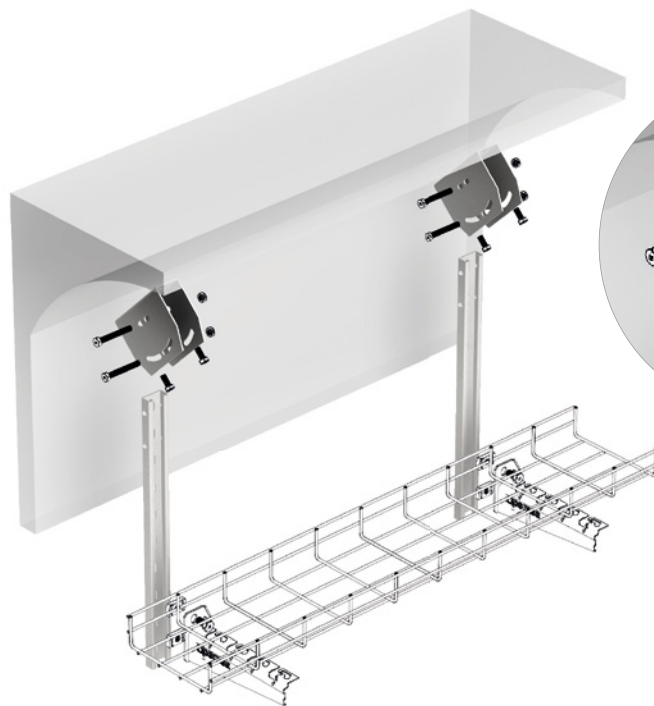
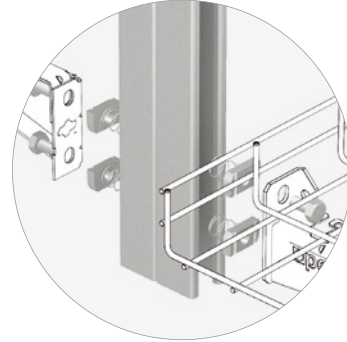
	A	Ref	kg/u	u
GC	100	63034103	0,481	4
	150	63034153	0,653	4
	200	63034203	1,042	4
	300	63034303	1,452	4

↓CTA↓ (kg)	kg
	100
	150
	200
	300

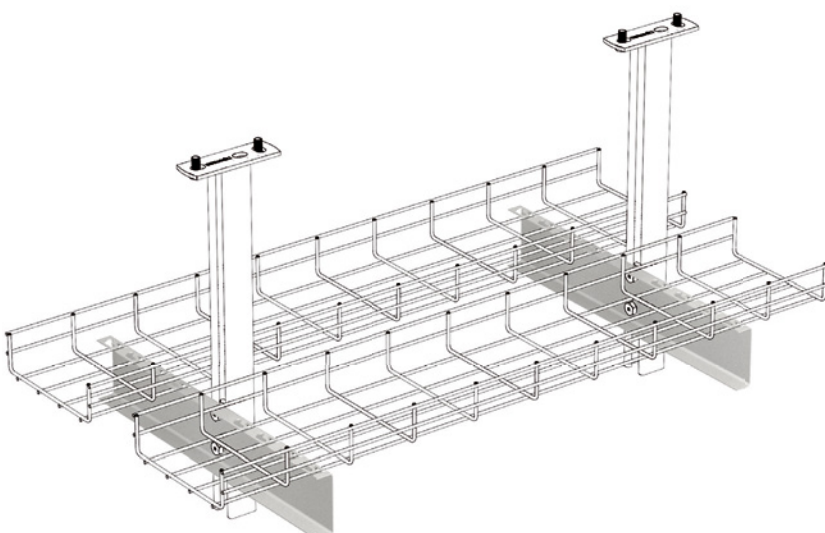
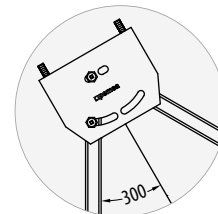
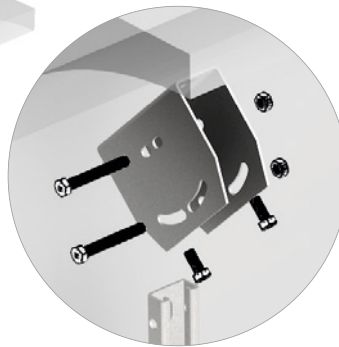




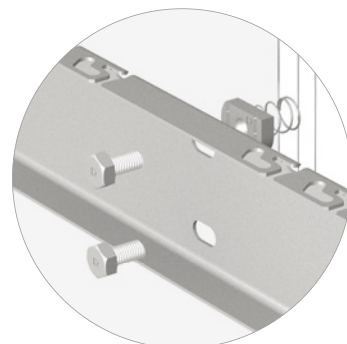
	M10x35	x4			167
		x4			154



	M8x60	x2			167
	M8	x2			167



	M10x35	x2			167
		x2			154

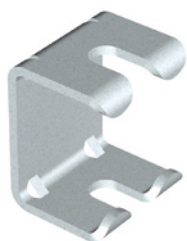




Fijación
Techo

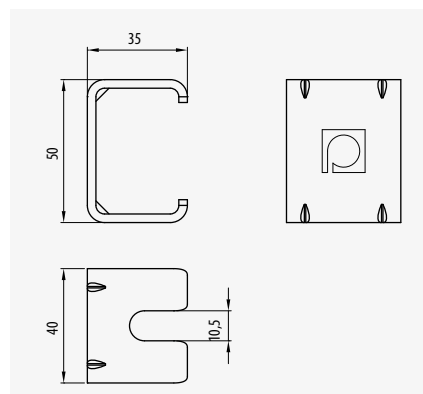
Ceiling Rod
Bracket

Fixation
Plafond



	Ref	kg/u	u
PG	67030060	0,094	10

↓CTA↓ (kg) 275



Fijación
Techo
Orientable

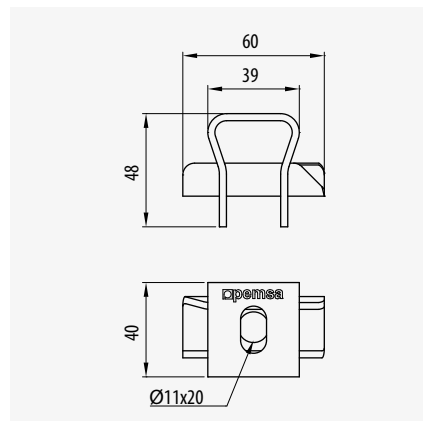
Variable
Ceiling Rod
Bracket

Fixation
Plafond
Orientable



	Ref	kg/u	u
PG	67030061	0,152	1

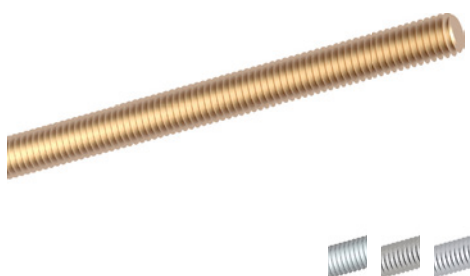
↓CTA↓ (kg) 127



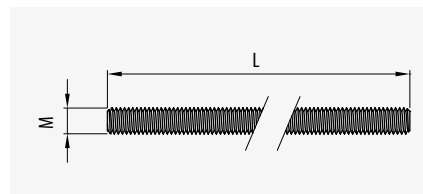
Varilla
Roscada

Threaded
Rod

Tige Fileté



	M	L	Ref	kg/u	u
EZ	M6	500	67010140	0,121	50
	M6	1000	67010141	0,241	50
BC	M6	500	67020140	0,121	50
	M6	1000	67020141	0,241	50
	M8	500	67020044	0,161	50
	M8	1000	67020045	0,321	50
GC	M10	1000	67020145	0,491	50
	M8	1000	67030045	0,321	50
	M6	1000	67060141	0,241	50
316L	M8	500	67060044	0,161	50
	M8	1000	67060045	0,321	50
	M10	1000	67060145	0,491	25
C8	M8	1000	67080045	0,321	50



↓CTA↓ (kg)	
M	kg
M6	195
M8	400
M10	500



E90

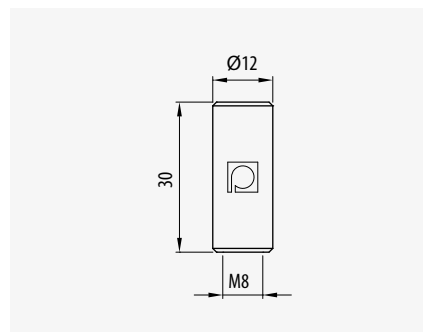
Conector M8

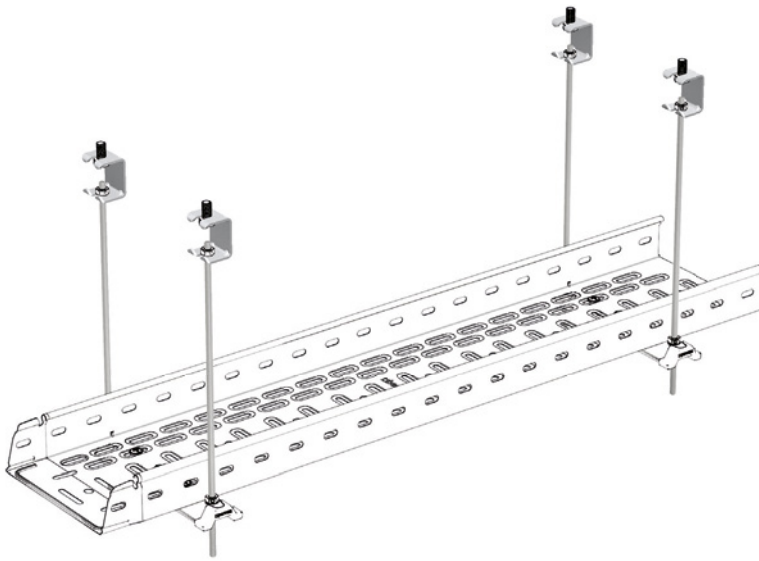
M8 Rod
Connector

Manchon
fileté M8

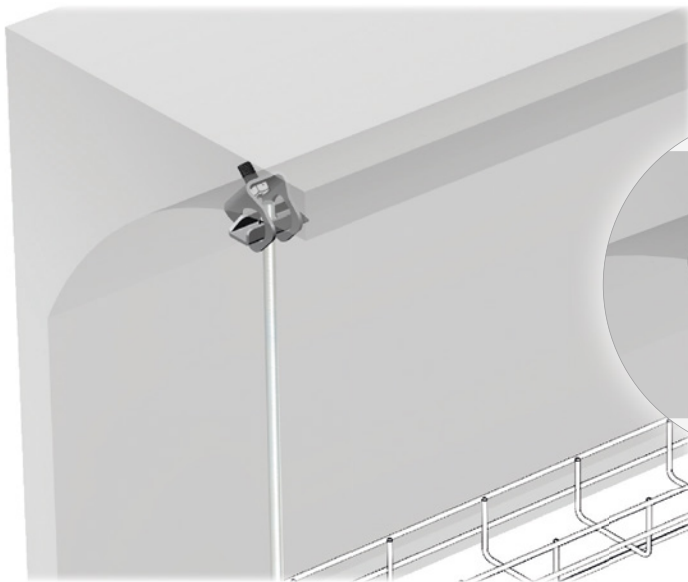
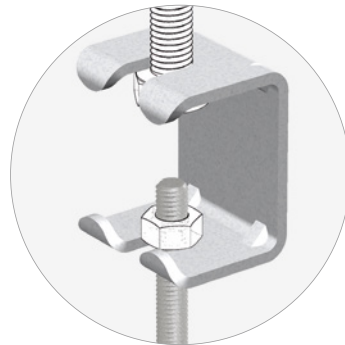


	Ref	kg/u	u
BC	67020067	0,016	50

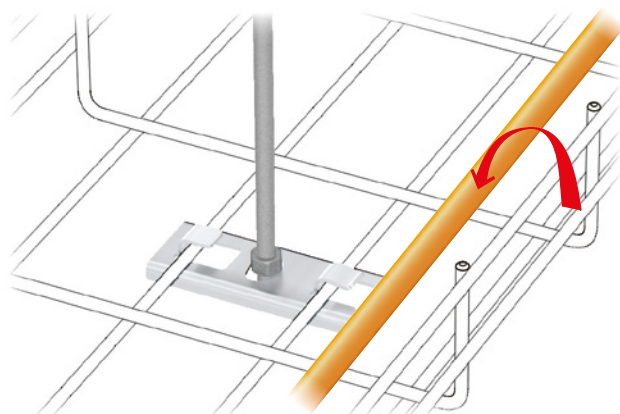
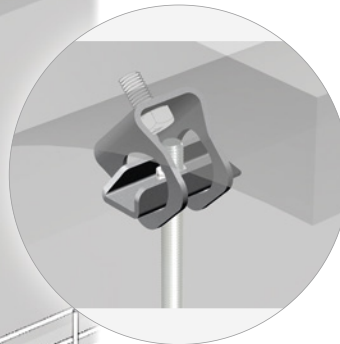




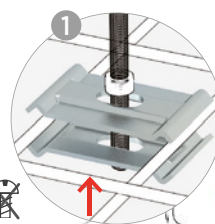
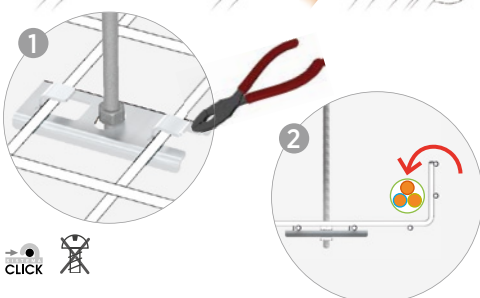
	x1		148
	x2		167



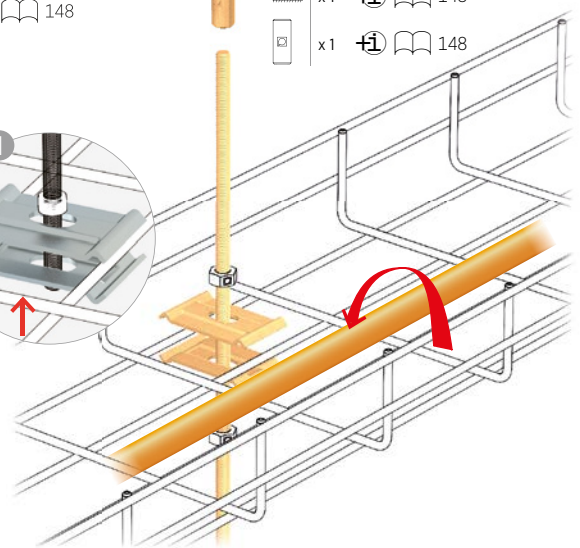
	x1		148
	x2		167



	x1		040
	x2		167
	x1		148



	x2		040
	x2		167
	x1		148
	x1		148





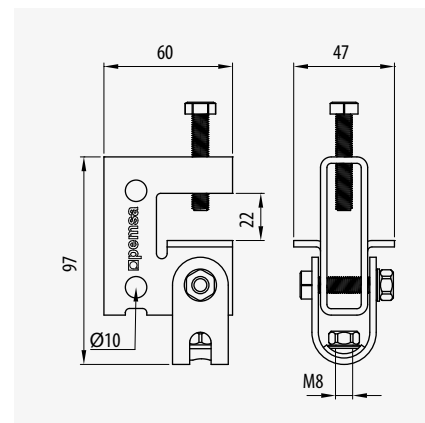
Conjunto
Péndulo
Grapa Viga

Beam Clamp
Hanging
Assembly

Agrafe poutre
pour suspension
par tige fileté



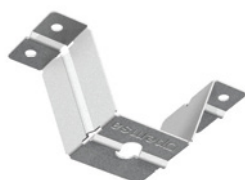
	Ref	kg/u	u
EZ	67020048	0,343	1



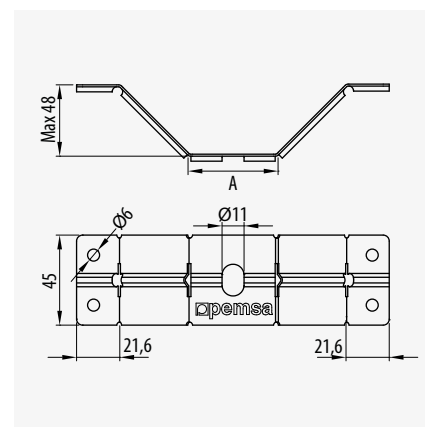
Soporte
Panel
Sandwich

Panel
Sandwich
Support

Support de
panneaux en
Sandwich



	A	Ref	kg/u	u
PG	45	67020020	0,065	10
	90	67020120	0,081	10
GC	45	67030020	0,068	10
	90	67030120	0,085	10



Garra
Horizontal de
Suspensión

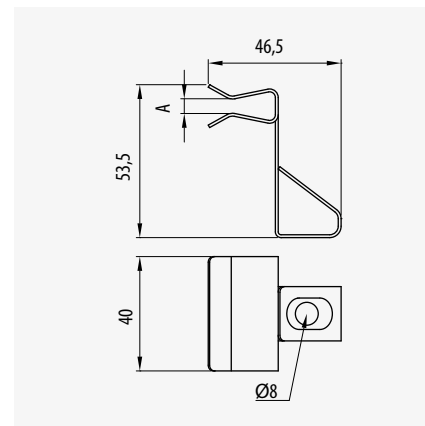
Horizontal
Angle
Hanger

Griffe
horizontale
de
suspension



A	Ref	kg/u	u
1,5 / 5	68000721	0,051	100
4,0 / 10	68000722	0,051	100

↓CTA↓ (kg) 65



Garra
Vertical de
Suspensión

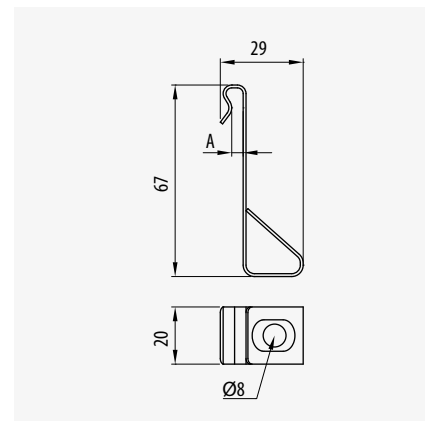
Vertical
Angle
Hanger

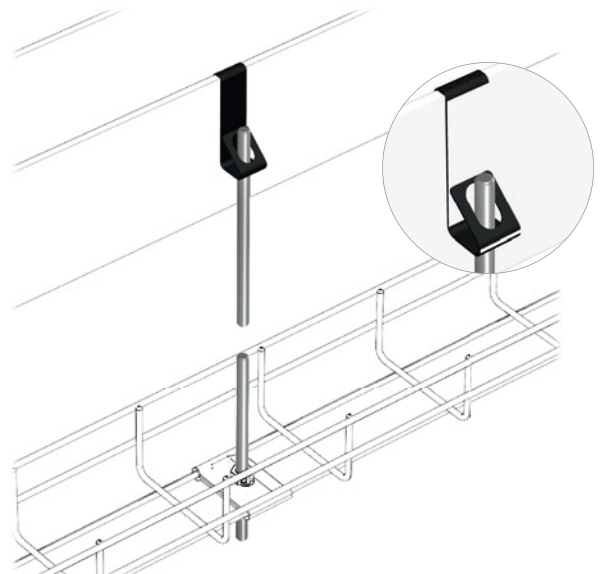
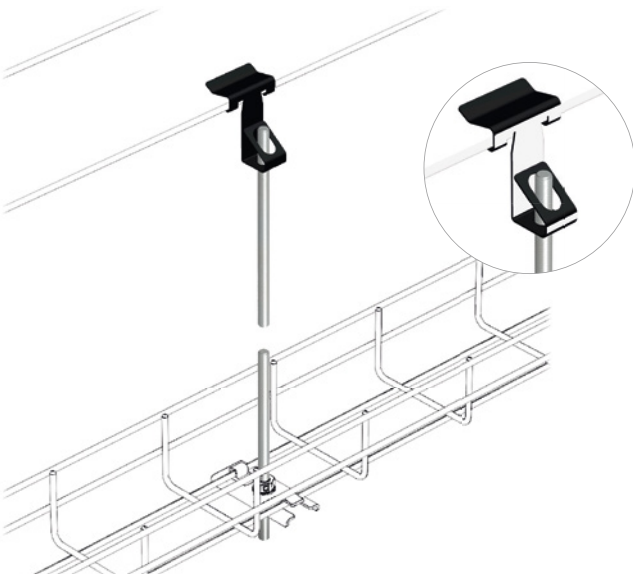
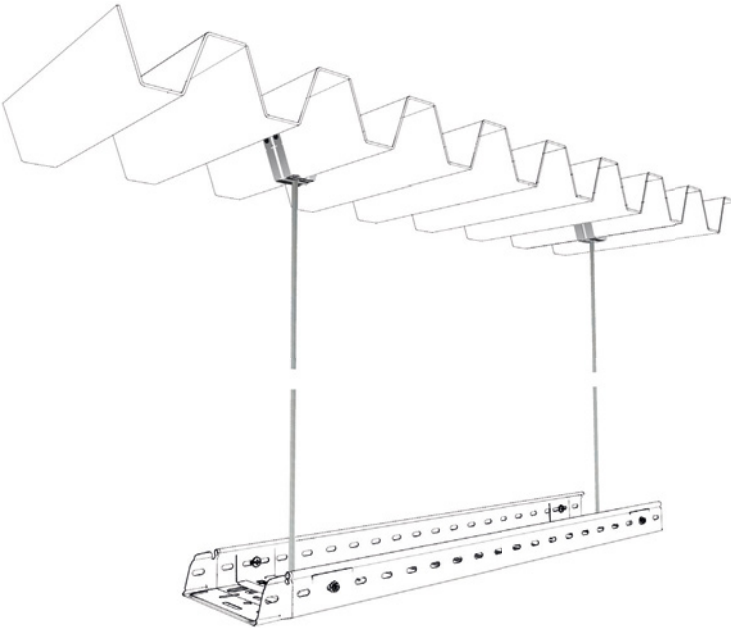
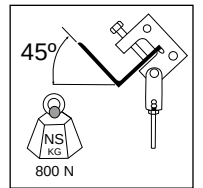
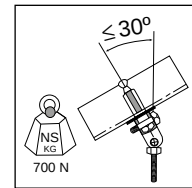
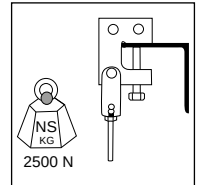
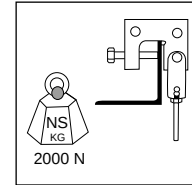
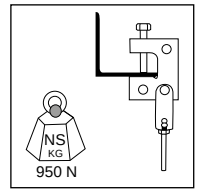
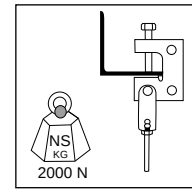
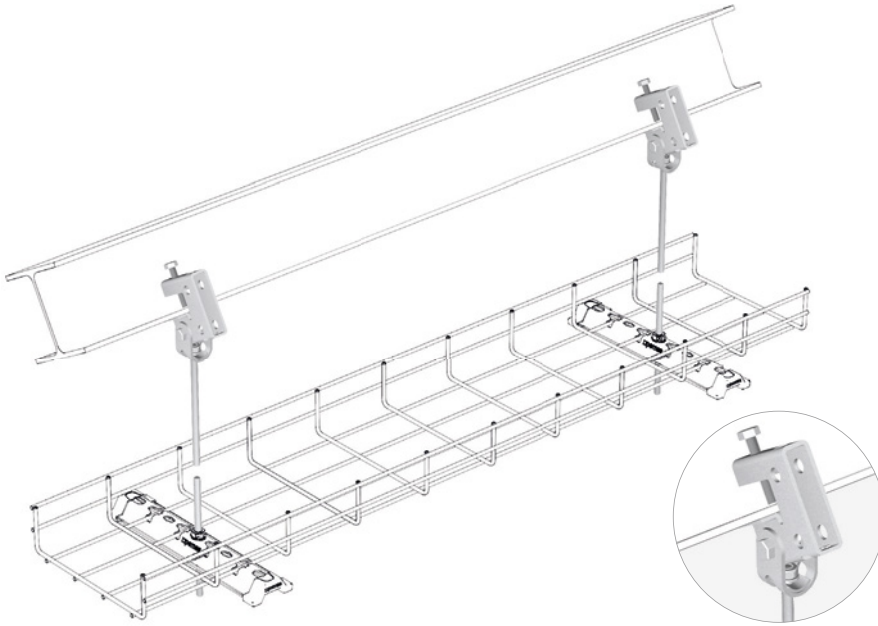
Griffe
verticale de
suspension



A	Ref	kg/u	u
1,5 / 5	68000731	0,041	100
4,0 / 10	68000732	0,041	100

↓CTA↓ (kg) 65





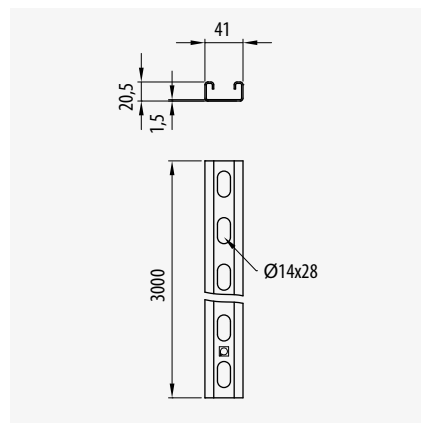
Raíl 41x21

Light Duty
Channel 41x21

Rail 41x21



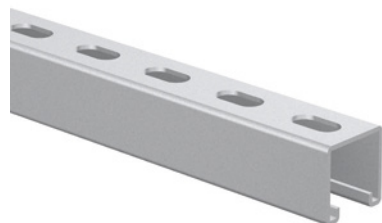
	e	Ref	kg/m	m
PG	1,5	67030075	1,211	3



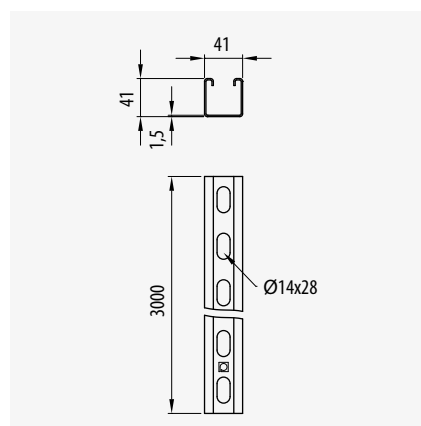
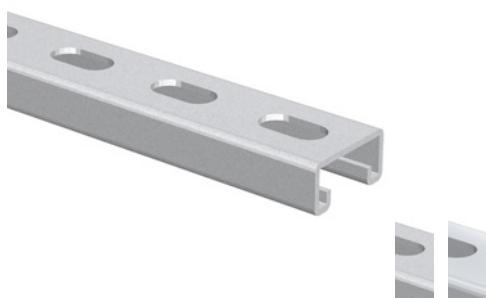
Raíl 41x41

Light Duty
Channel 41x41

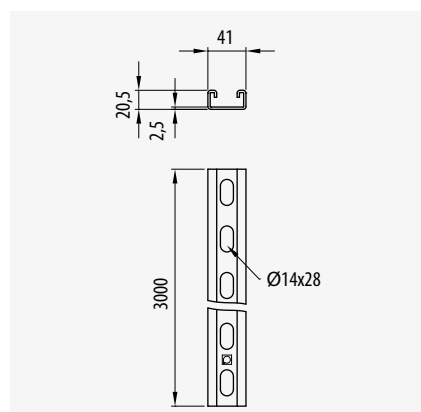
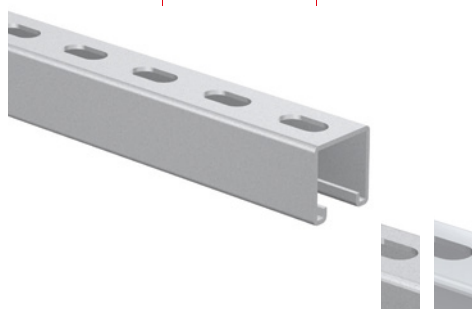
Rail 41x41



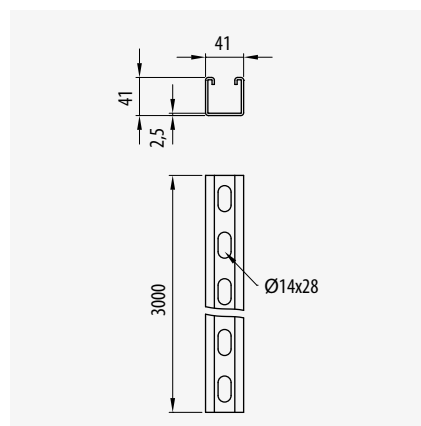
	e	Ref	kg/m	m
PG	1,5	67030074	1,681	3

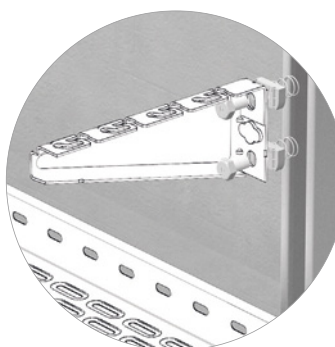
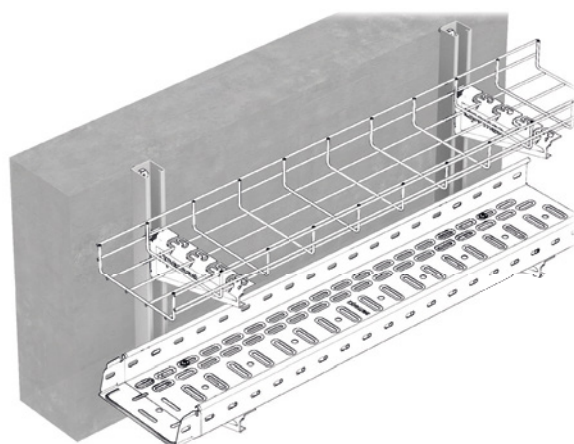
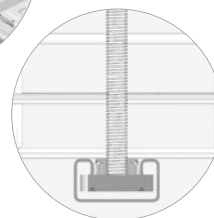
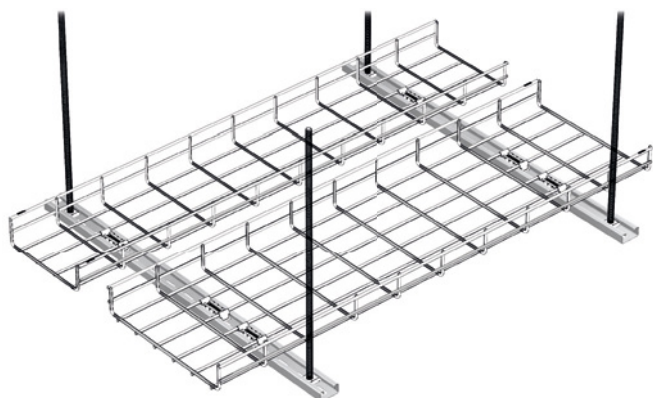
Raíl
Reforzado
41x21Heavy Duty
Channel
41x21Rail très
renforcé
41x21

	e	Ref	kg/m	m
PG	2,5	67030052	1,901	3
GC	2,5	67030055	1,803	3
316L	2,5	67060055	1,735	3

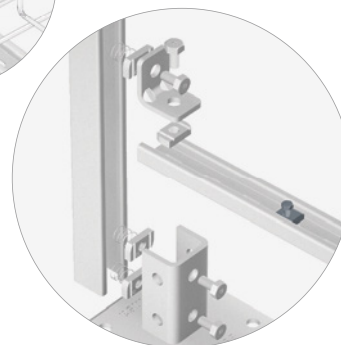
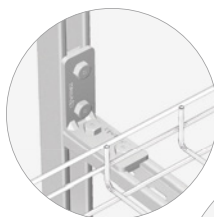
Raíl
Reforzado
41x41Heavy Duty
Channel
41x41Rail très
renforcé
41x41

	e	Ref	kg/m	m
PG	2,5	67030053	2,561	3
GC	2,5	67030057	2,561	3
316L	2,5	67060057	2,541	3

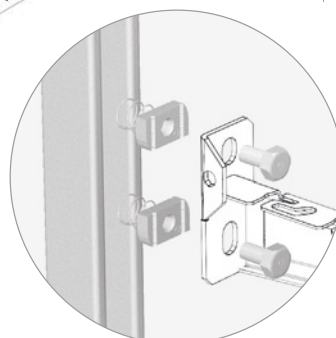
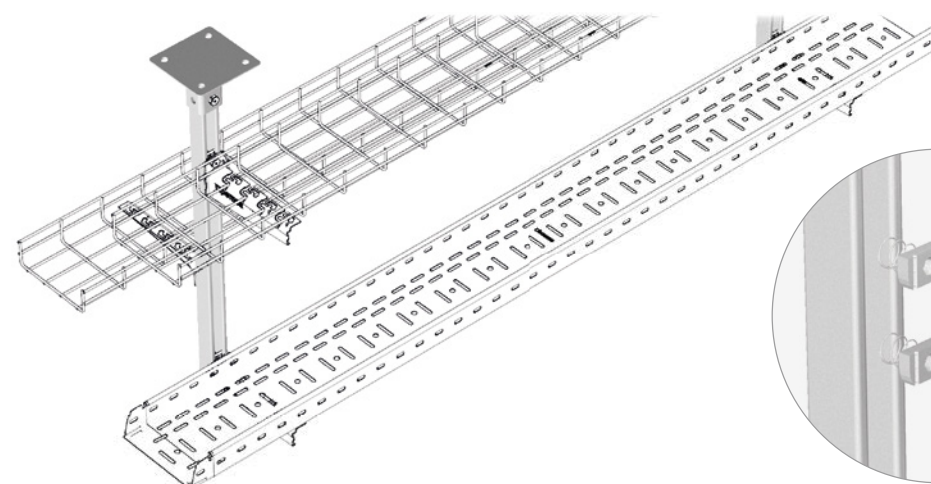




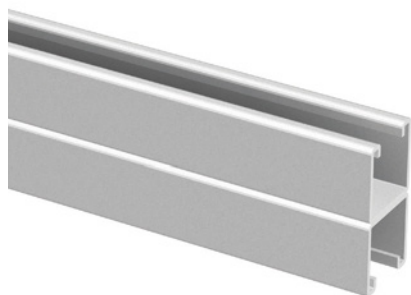
	M10x35	x2		167
		x2		154
		x1		152



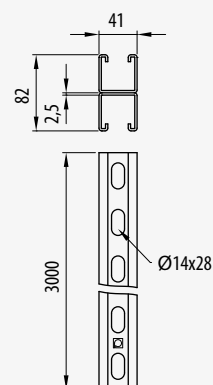
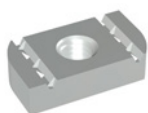
	M10x20	x2		167
		x2		154



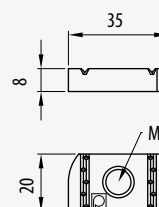
	M10x35	x2		167
		x2		154

**Rail Reforzado
41x82**
**Heavy Duty
Channel 41x82**
**Rail très
renforcé
41x82**


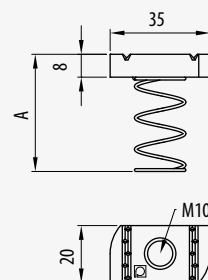
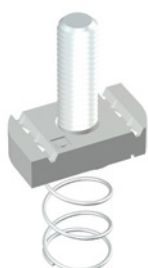
	e	Ref	kg/m	m
GC	2,5	67030157	5,292	3


Tuerca Rail
**Plain
Channel Nut**
Ecrou Rail 41


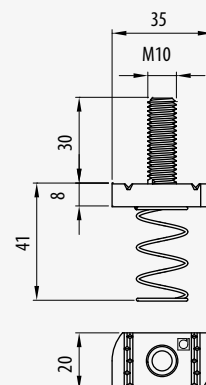
	M	Ref	kg/u	u
EZ	M8	67010056	0,031	100
	M6	67020055	0,031	100
GC	M8	67030056	0,031	100
316L	M8	67060056	0,031	100
	M10	67060058	0,031	100

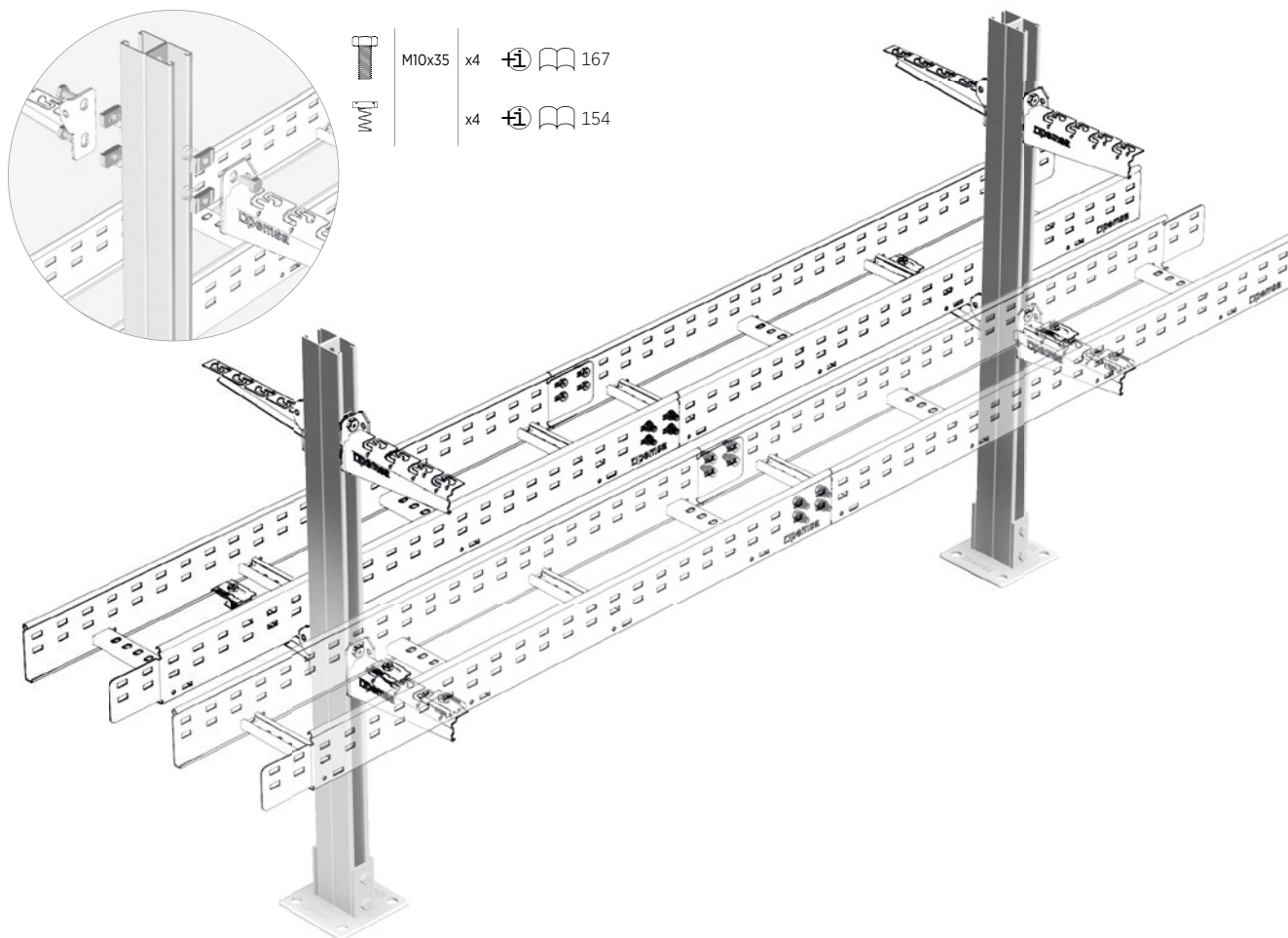

**Tuerca Muelle
Rail M10**
**Spring Channel
Nut M10**
**Ecrou à
Ressort
rail 21x41**


	A	Ref	kg/u	u
EZ	21	67020058	0,031	100
	41	67020158	0,031	100
GC	21	67030058	0,031	100
	41	67030158	0,031	100

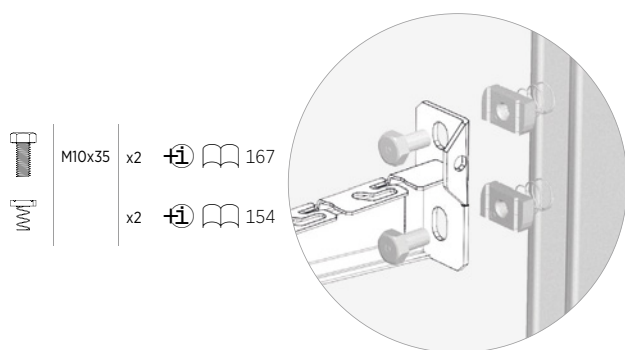

**Tornillo Muelle
Rail M10**
**Spring Channel
Screw M10**
**Ecrou 6Vis
à Ressort**


	Ref	kg/u	u
EZ	67020159	0,023	100

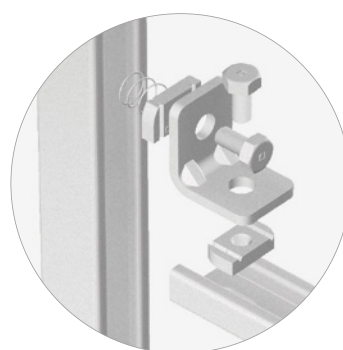




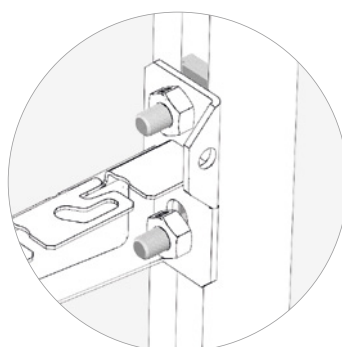
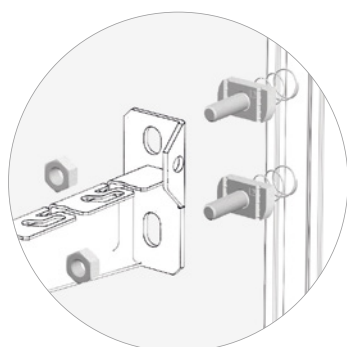
	M10x35	x4		167
		x4		154



	M10x35	x2		167
		x2		154



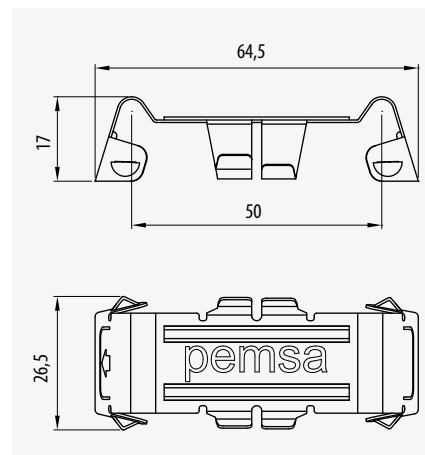
	M10x35	x2		167
	M10	x2		154
				157



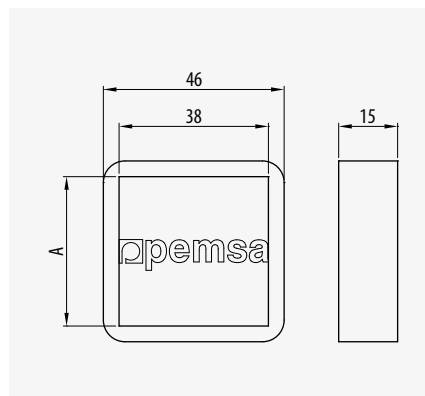
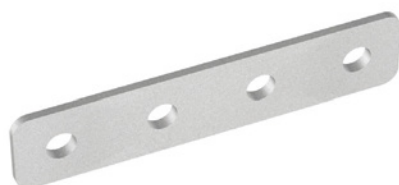
	M10x35	x2		154
	M10	x2		167

**Clip Fijación
Rail**
**Channel
Strut Clip**
**Fixation Rapide
Click Rail**

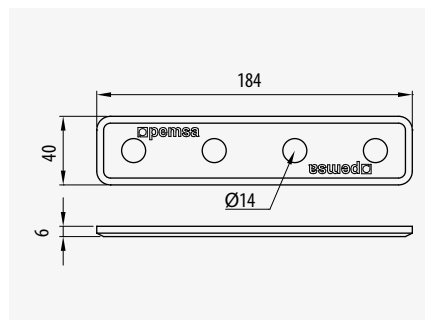

	Ref	kg/u	u
316L	67060050	0,008	100


 162 **M0A**

**Tapón Final
Raíl**
**Channel End
Plug**
**Embout de
Finition**

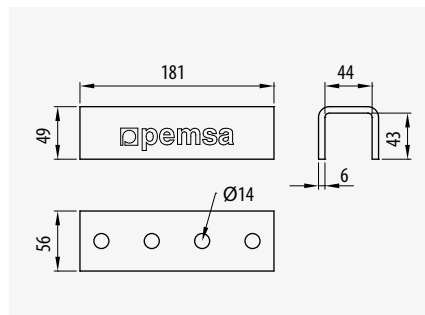

A	Ref	kg/u	u
41	68000074	0,021	50
21	68000075	0,021	100


 162 **M0B**

**Unión Recta
Nº 1**
**Splice Plate
Nº 1**
**Eclisse Plate
Nº 1**


	Ref	kg/u	u
GC	67030205	0,241	1


 162 **M01**

**Unión Recta
U Nº 2**
**U Shape Splice
Plate Nº 2**
**Eclisse U
Nº 2**


	Ref	kg/u	u
GC	67030214	0,291	1


 162 **M02**


**Unión
Escuadra 90°
Nº 3**

**90° 2 Hole
Angle Bracket
Nº 3**

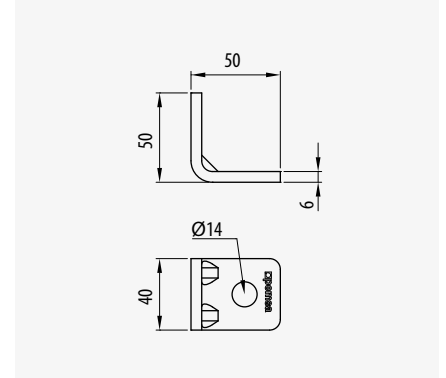
**Equerre 90°
trous Nº 3**



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030201	0,151	1



+1 162 **M03**



**Union
Escuadra 90°
Nº 4**

**90° 4 Hole
Angle Bracket
Nº 4**

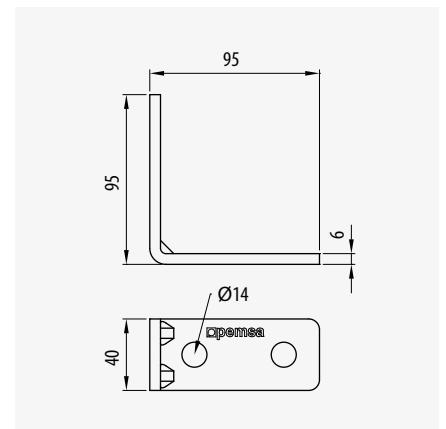
**Equerre 90°
trou 4**



• 41x21 • 41x41 • 41x82			
	Ref	kg/u	u
GC	67030202	0,321	1



+1 162 **M04**



**Unión
Escuadra 45°
Nº 5**

**45° External
Angle Bracket
Nº 5**

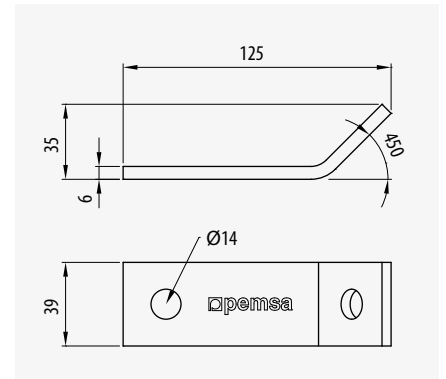
**Equerre
135°Angle
Ext. Nº 5**



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030210	0,291	1



+1 162 **M05**



**Unión
Escuadra 45°
Nº 6**

**45° Internal
Angle Bracket
Nº 6**

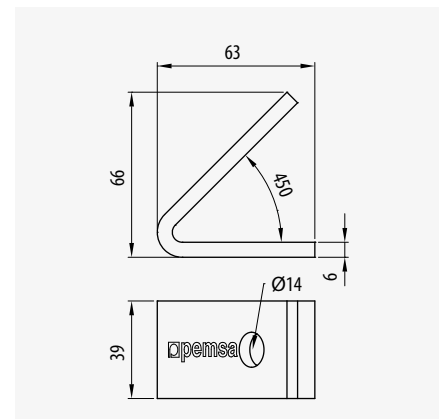
**Equerre 45°
Angle Int
Nº 6**



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030209	0,151	1

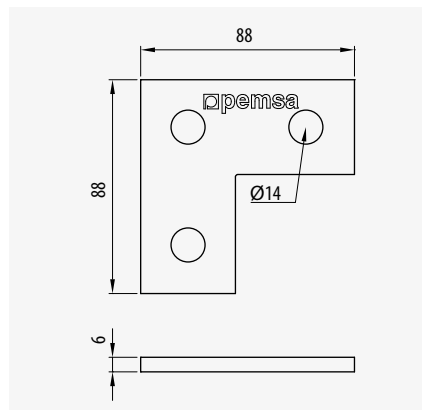


+1 163 **M06**

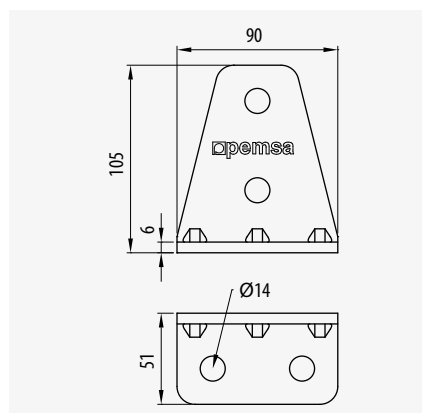


**Unión
Escuadra N° 7**
**L Bracket
N° 7**
**Equerre
Plate L N° 7**

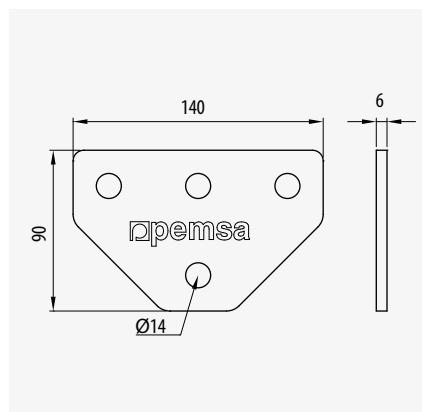

• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030211	0,291	1


 163 **M07**

Unión T N° 8
**90° Tee Joint
N° 8**
**TE Equerre 4
trous N° 8**

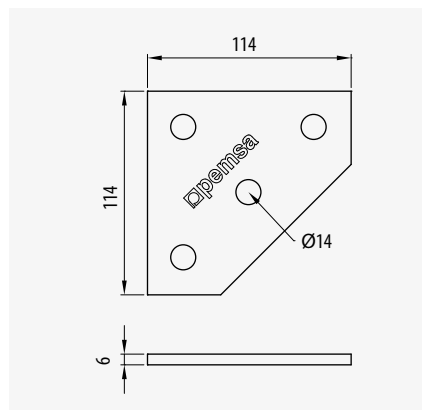

• 41x21 • 41x41 • 41x82			
	Ref	kg/u	u
GC	67030204	0,451	1


 163 **M08**

Unión T N° 9
**Flat Tee Joint
N° 9**
**TE Plat 3
trous N° 9**


• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030203	0,311	1


 163 **M09**

**Unión
Escuadra
Triple N° 10**
**3 Way
Bracket N° 10**
**Union Plate
3 directions
45° N° 10**


• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030212	0,291	1


 163 **M10**


**Unión
Escuadra
Reforzada
Nº 11**

**Reinforced
Angle
Bracket Nº 11**

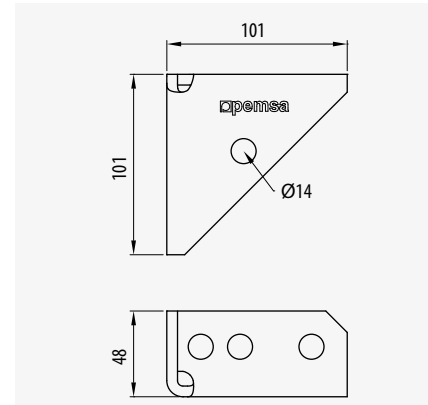
**Equerre
90°renforcée
Nº 11**



	Ref	kg/u	
GC	67030213	0,291	1



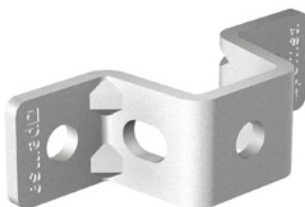
+1 163 M11



**Unión U
41x41 Nº 12**

**Clamp 41x41
Nº 12**

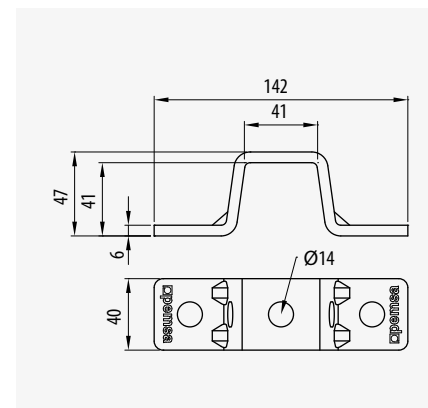
**Union
Oméga
41x41 Nº 12**



	Ref	kg/u	
GC	67030207	0,336	1



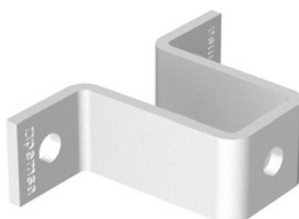
+1 163 M12



**Unión U
41x82 Nº 13**

**Clamp 41x82
Nº 13**

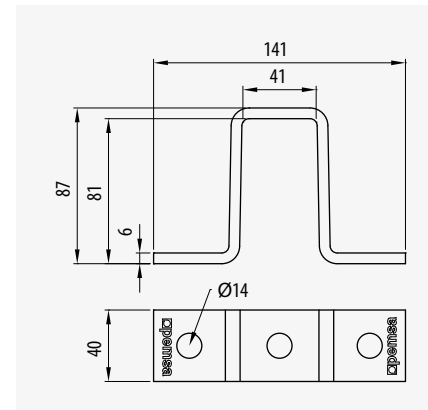
**Union
Oméga
41x82 Nº 13**



	Ref	kg/u	
GC	67030208	0,151	1



+1 163 M13



**Unión U
41x21 Nº 14**

**Clamp 41x21
Nº 14**

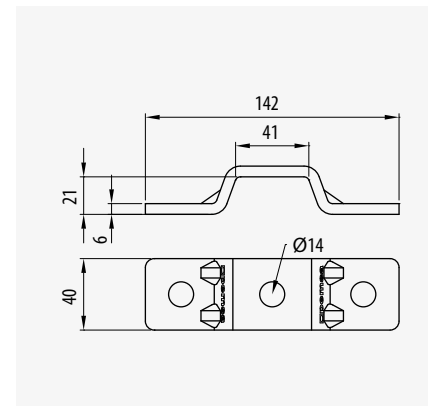
**Union
Oméga
41x21 Nº 14**



	Ref	kg/u	
GC	67030206	0,284	1



+1 164 M14



Unión
Escuadra
Doble N° 15

Double 90°
Bracket
N° 15

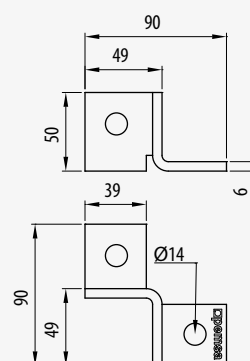
Equerre 90°
Double N° 15



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030215	0,291	1



164 **M15**



Unión
Escuadra
Lateral 90°
N° 16

90° Tee
Bracket N° 16

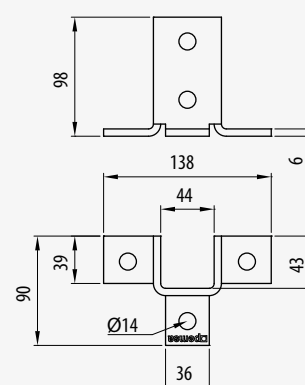
Equerre 90°
Triple N° 16



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030216	0,291	1



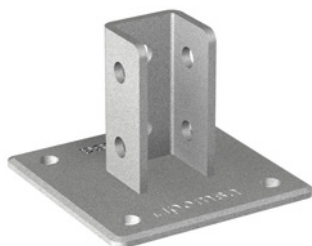
164 **M16**



Placa
Soporte
Vertical

Channel Floor
Boss 41x41

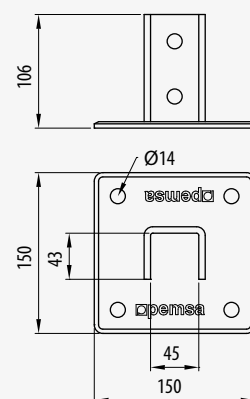
Pied Support
Vertical 41x41



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030064	1,451	1



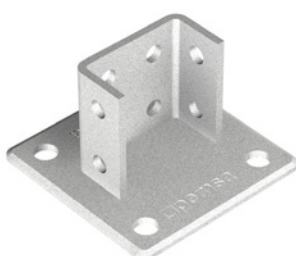
164 **M17**



Placa
Soporte
Vertical

Channel Floor
Boss 41x82

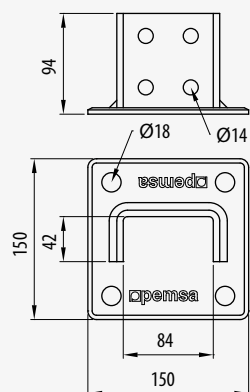
Pied Support
Vertical 41x82



• 41x21 • 41x82			
	Ref	kg/u	u
GC	67030164	2,901	1



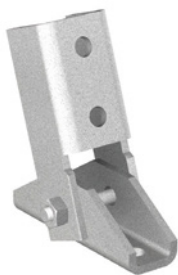
164 **M18**



Articulación

Adjustable
Angle Bracket

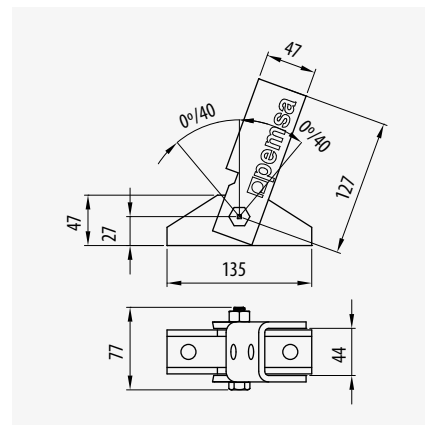
Equerre
à Angle
variable



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030102	0,351	1



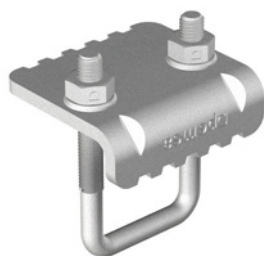
164 M19



Grapa
Abarcón

Channel
Beam Clamp

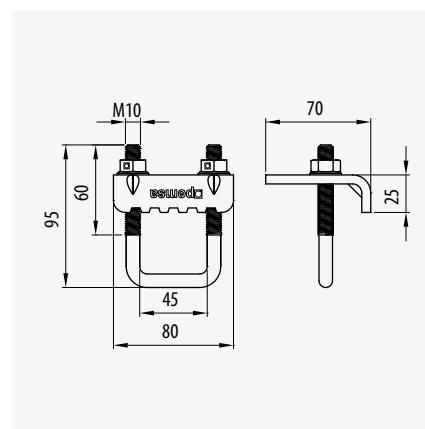
Agrafe poutre
Rail 41x21



• 41x21 • 41x41			
	Ref	kg/u	u
GC	67030101	0,351	1



164 M20



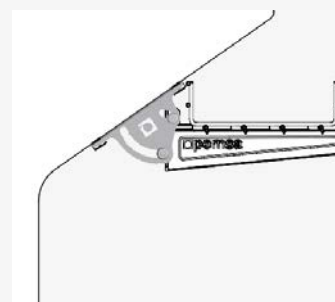
Soportes variables
Adjustable brackets
Supports variables

SOLUTIONS

Túneles

Tunnels

Tunnels



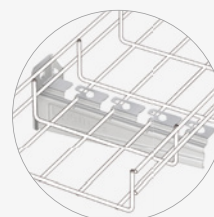
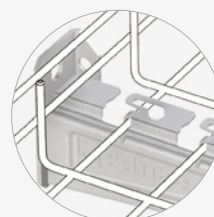
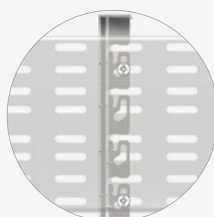
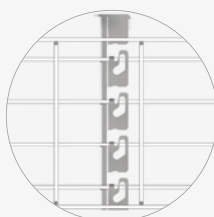
RPLUS

Soportes
Reforzados

Heavy Duty
Cantilever

Support
Renforcé

IDEA

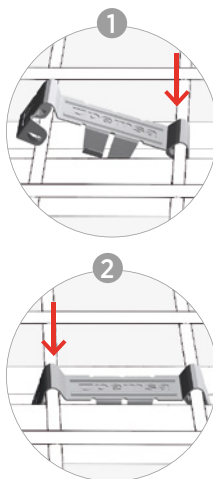
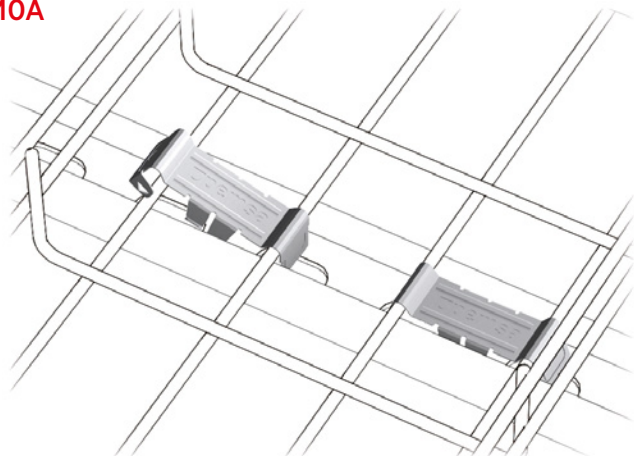


Universal
Compatible para todas las bandejas
Compatible with all of the cable trays
Compatible avec toutes les dalles

Sistema Click. Sin fijaciones
Click System. No additional fixings
Système click. Sans fixation



130

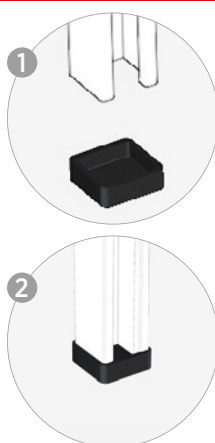
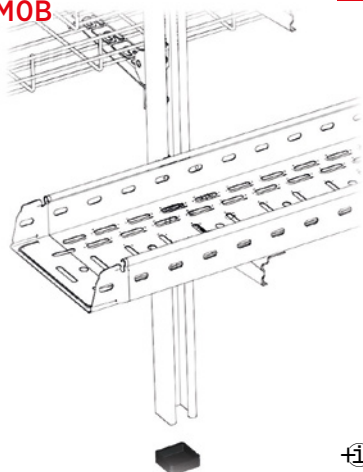
MOA

Montaje Rail 41x41 y 41x21
Assembly on 41x41 and 41x21 strut
Montage rail 41x41 e 41x21

Rápido y Seguro!!
Fast and Safety
Rapide & Fiable

Compatible con cualquier modelo
Compatible with any type
Compatible avec tous les modules

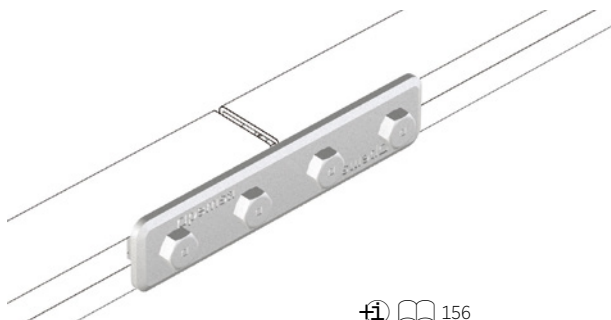
156

MOB

156

M01

	M10x35	x4			167
		x4			154

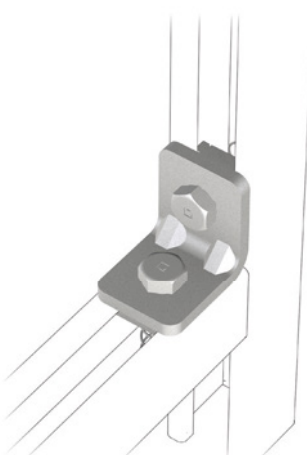


156

M02

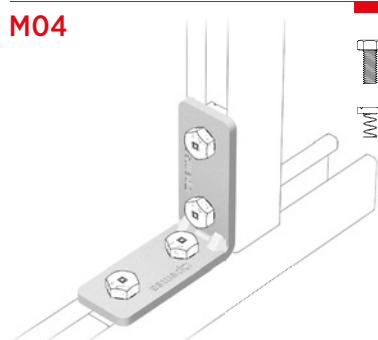
	M10x35	x2			167
		x2			154

157

M03

	M10x35	x2			167
		x2			154

157

M04

	M10x35	x4			167
		x4			154

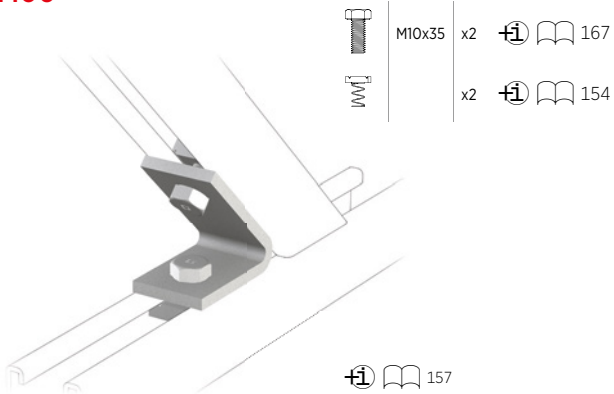
157

M05

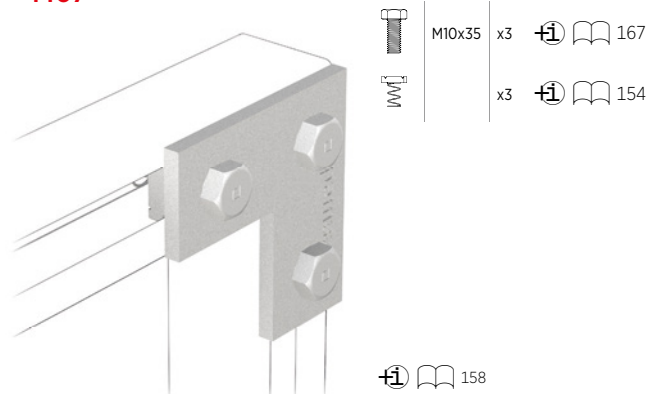
	M10x35	x2			167
		x2			154

157

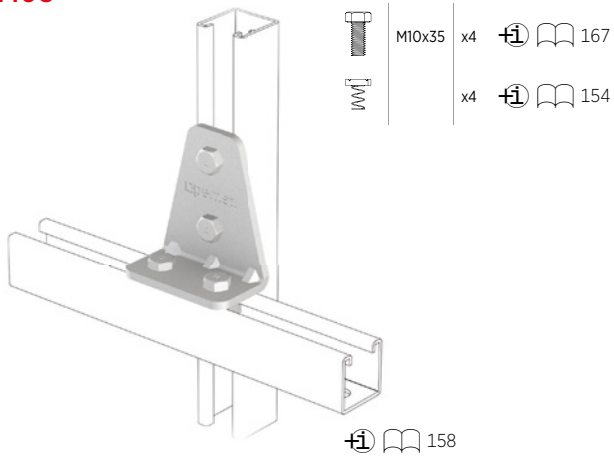
M06



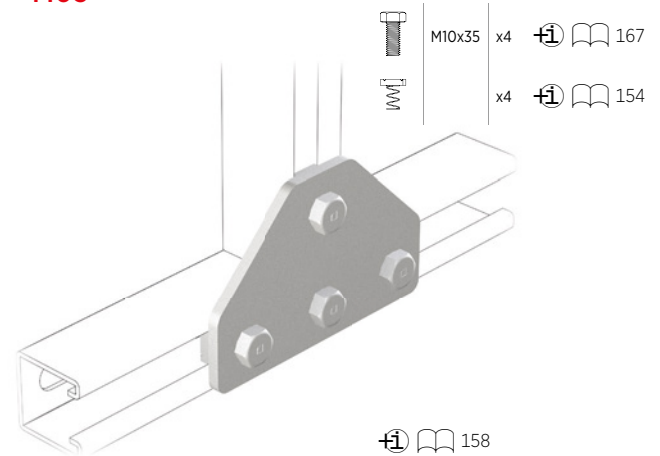
M07



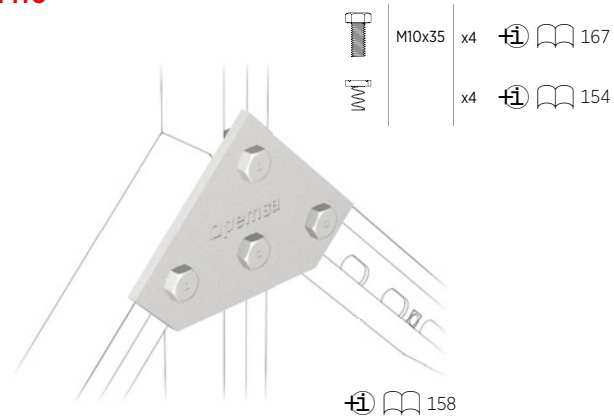
M08



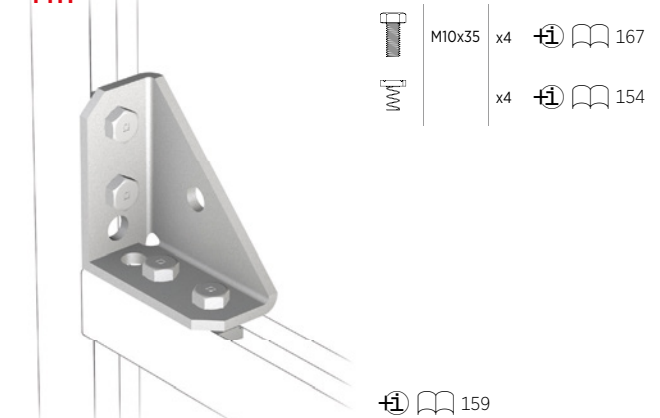
M09



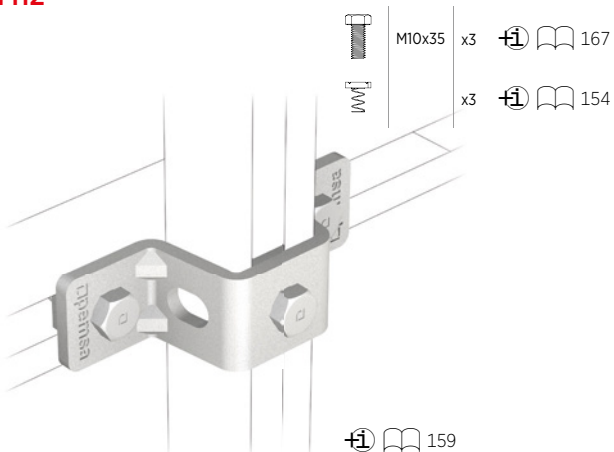
M10



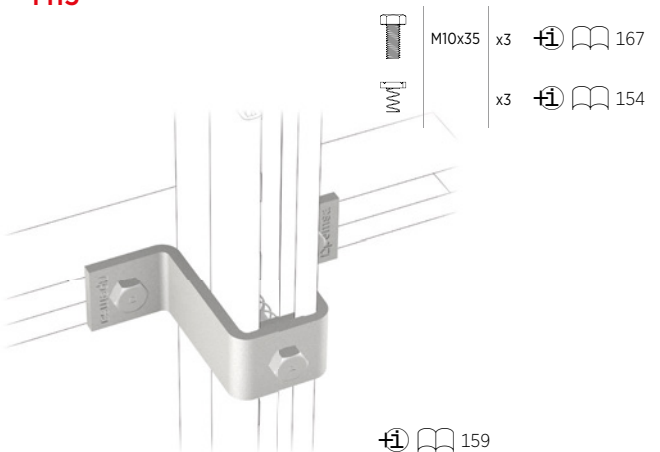
M11



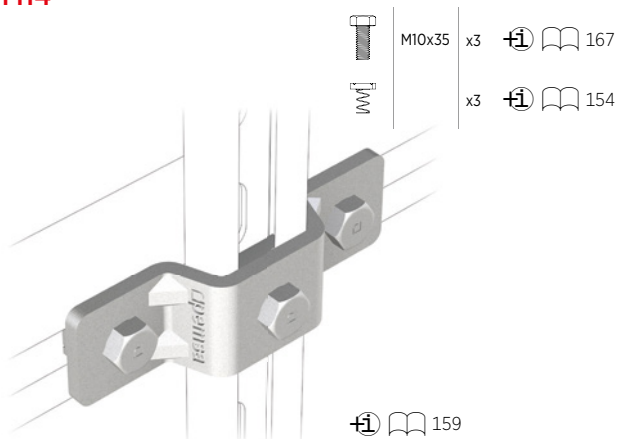
M12



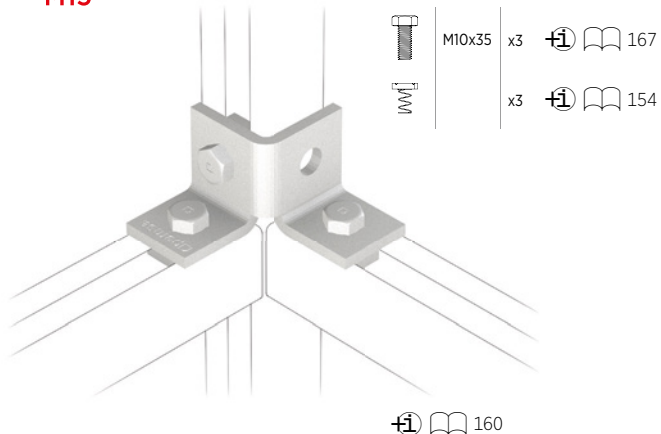
M13



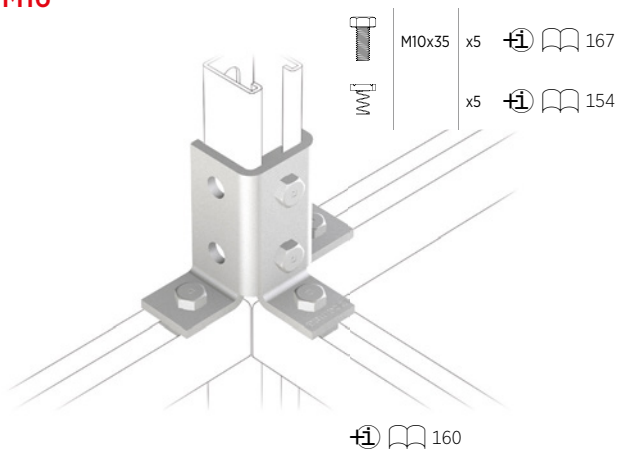
M14



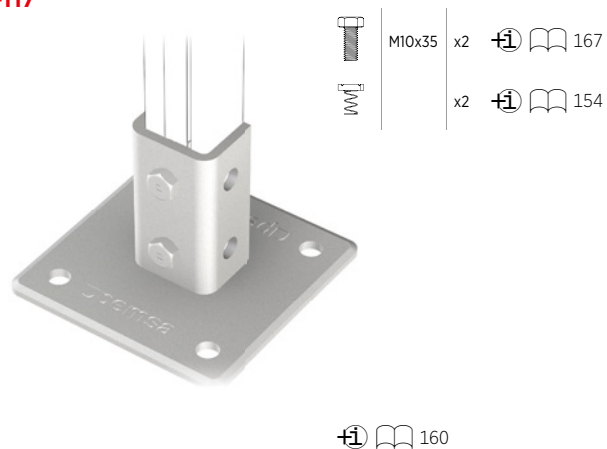
M15



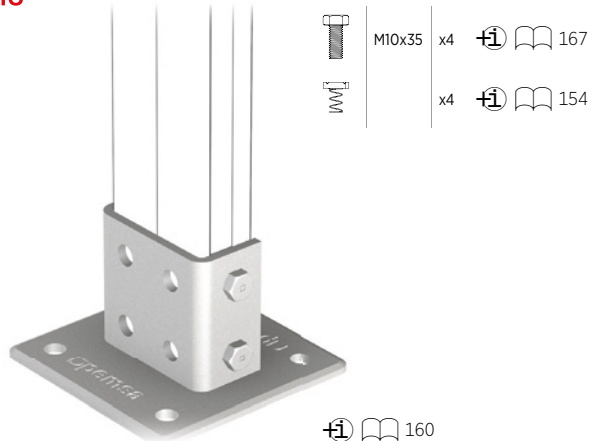
M16



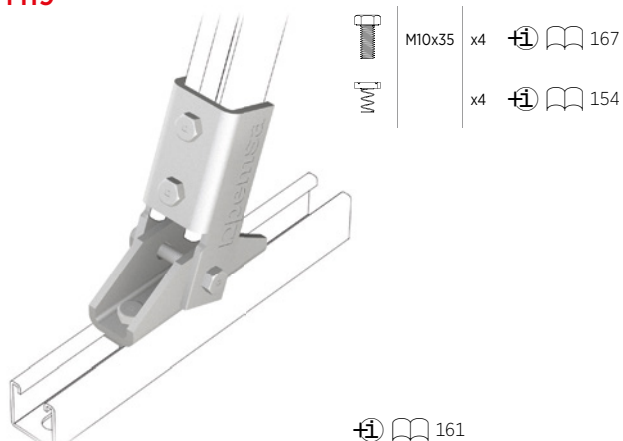
M17



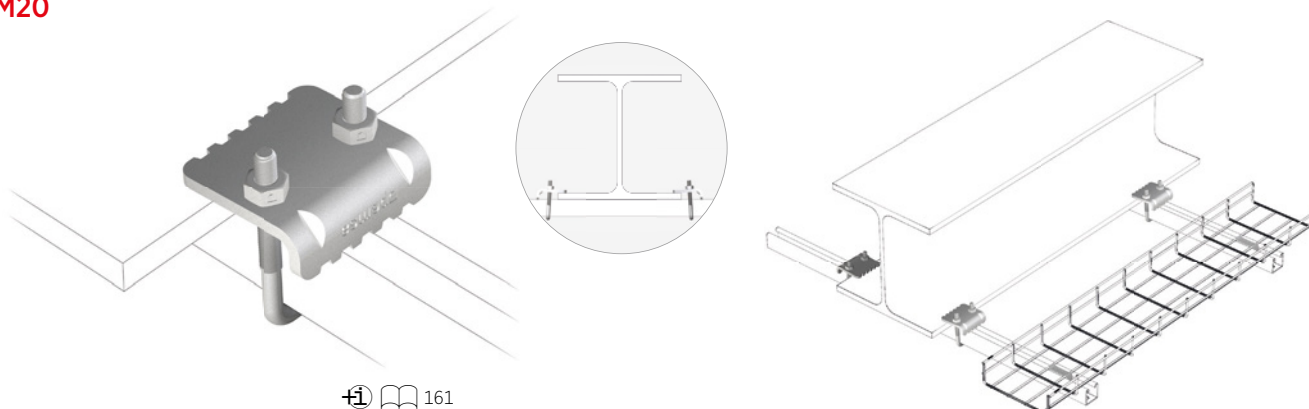
M18



M19



M20

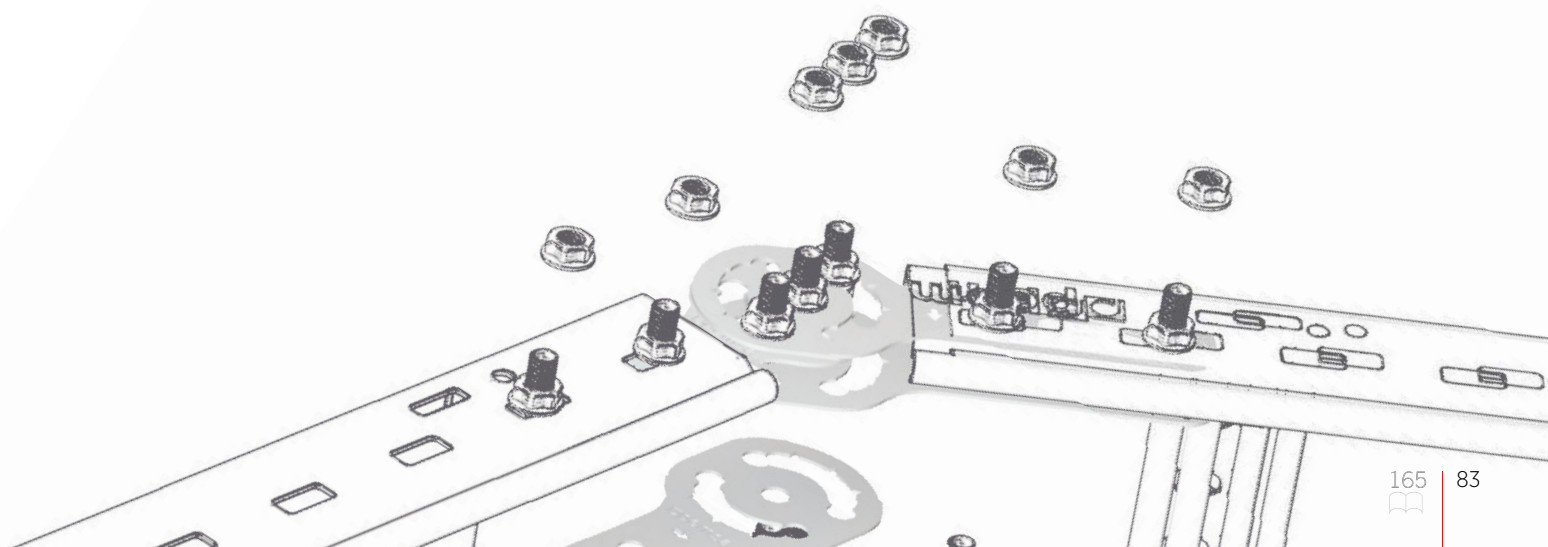
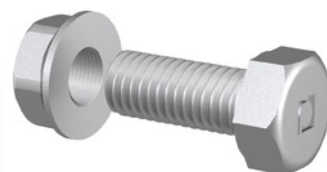
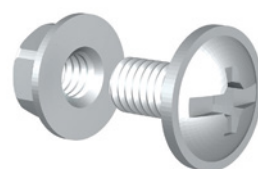


Tornillería / *Fixings* / *Visserie*

Gama de elementos de conexión para Sistemas de Bandejas

Range of fixings for Cable Tray Systems

Gamme Produits de connexion pour Système de Chemins de Câbles

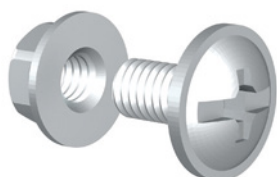




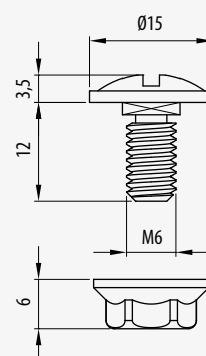
Kit Unión
pemsa^{band}

pemsa^{band}
Joint Kit

Kit Éclisse
pemsa^{band}



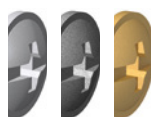
	M	Ref	kg/u	
EZ	M6	67010093	0,008	100
GC	M6	67030093	0,009	100



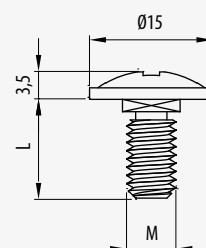
Tornillo
C/DIN603

Shoulder
Screw M6X12

Boulon
Poêlier



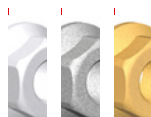
	M	Ref	kg/m	
EZ	M6x12	67010099	0,005	100
	M6x20	67010100	0,007	100
BC	M6x20	67020100	0,007	100
GC	M6x12	67030099	0,006	100
	M6x20	67030100	0,007	100
	M6x30	67030109	0,006	100
316L	M6x12	67060099	0,007	100
	M6x20	67060100	0,007	100



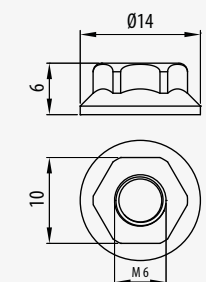
Tuerca
Arandela

Serrated Hexagon
Flange Nut

Ecrou à
Embase
Crantée



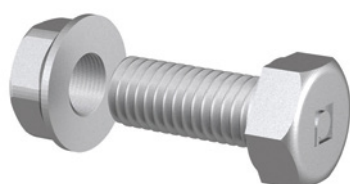
	M	Ref	kg/m	
EZ	M6	64010059	0,003	50
BC	M6	64020059	0,003	50
GC	M6	64030059	0,003	50
316L	M6	64060059	0,003	50



Kit Unión
mega^{band}

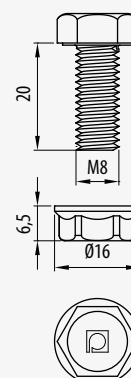
mega^{band}
Joint Kit

Kit Éclisse
mega^{band}



	M	Ref	kg/m	
GC	M8x20+M8	67030094	0,018	100

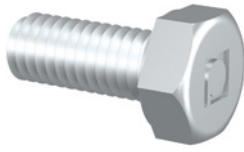
	M	Ref 1	Ref 2	
EZ	M8x20+M8	67010065	67020095	100
316L	M8x20+M8	67060065	67060062	100



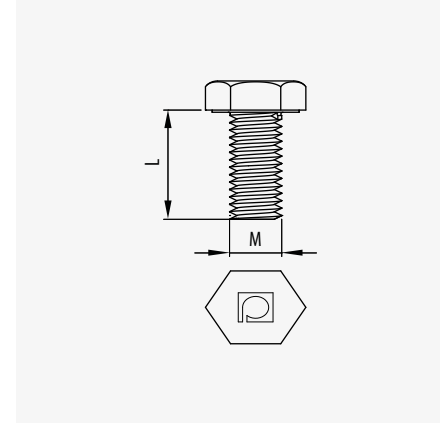
**Tornillo
C/Exagonal**

**Hexagonal
Set Screw**

**Vis
Héxagonale**



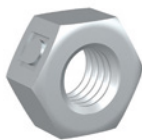
	M	Ref	kg/m	
EZ	M8x20	67010065	0,014	100
	M8x35	67010066	0,020	100
	M8x15	67010068	0,013	100
	M10x60	67020010	0,042	100
	M6x15	67020054	0,008	100
	M10x20	67020059	0,023	100
	M10x35	67020077	0,029	100
	M8x65	67020092	0,040	100
GC	M10x60	67030010	0,042	100
	M10x20	67030059	0,023	100
	M8x20	67030065	0,014	100
	M8x35	67030066	0,020	100
	M8x15	67030068	0,007	100
	M10x35	67030077	0,029	100
316L	M10x60	67060010	0,042	100
	M10x20	67060059	0,023	100
	M8x20	67060065	0,014	100
	M8x35	67060066	0,020	100
	M10x35	67060077	0,029	100



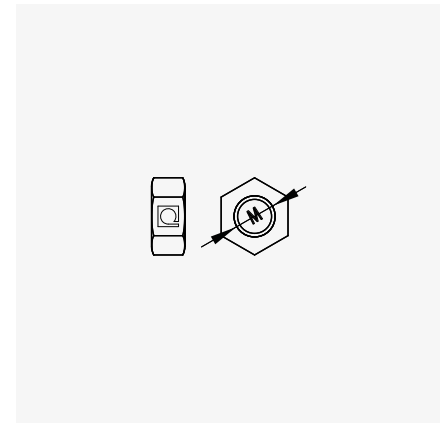
**Tuerca
Exagonal**

**Hexagonal
Nut**

**Ecrou
Hexagonal**



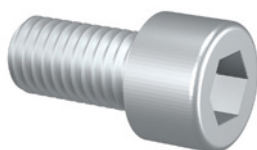
	M	Ref	kg/m	
BC	M10	67020014	0,008	100
	M8	67020062	0,005	100
EZ	M10	67020079	0,008	100
	M8	67020095	0,005	100
GC	M10	67030014	0,008	100
	M8	67030062	0,005	100
316L	M10	67060014	0,008	100
	M8	67060062	0,005	100



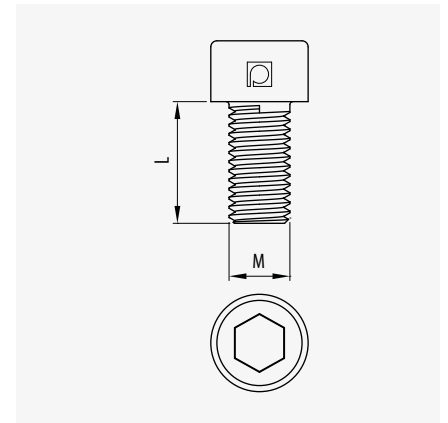
**Tornillo
C/Allen**

Allen Screw

Vis Allen



	M	Ref	kg/m	
EZ	M10x20	67020065	0,030	50
	M10x35	67020097	0,029	50

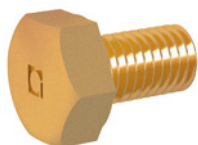




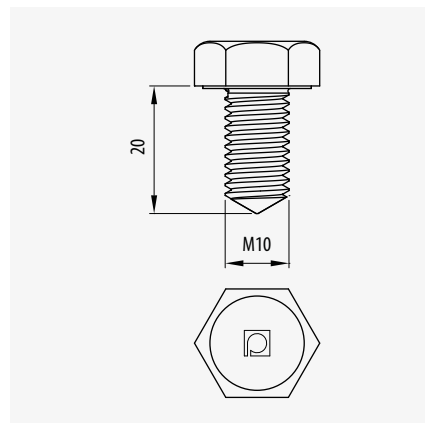
**Tornillo P/
Conica**

*Hexagonal
Cone Point
Screw*

*Vis
Conique*



	M	Ref	kg/m	
BC	M10x20	67020098	0,023	10



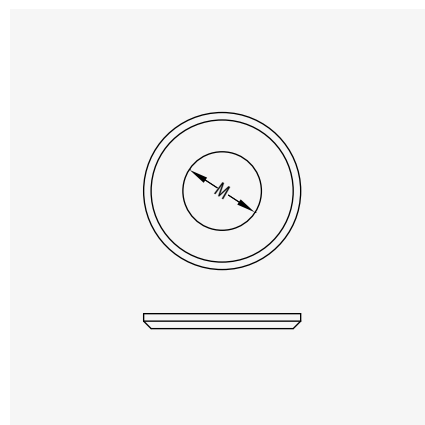
Arandela Plana

Washer

Rondelle Plate



	M	Ref	kg/m	
BC	M10	67020013	0,004	100
	M8	67020063	0,002	100
EZ	M10	67020061	0,002	100
	M8	67020083	0,002	100
GC	M10	67030013	0,002	100
	M8	67030063	0,002	100
316L	M10	67060064	0,002	100
	M8	67060063	0,002	100



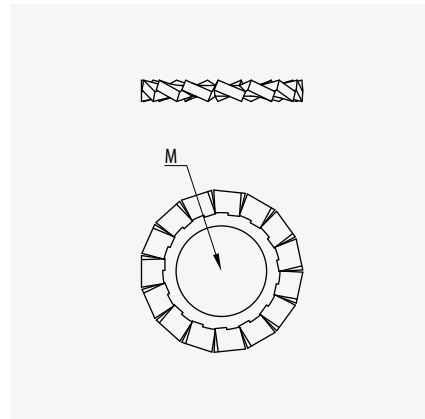
**Arandela
Estrella**

*Serrated
Washer*

*Rondelle
Éventail*



	M	Ref	kg/m	
PASSV	M8	67020084	0,001	100
	M10	67020086	0,001	100
	M10	67060086	0,001	100





Iconografía / Iconography / Iconographie

Icono <i>Icon</i> Ícone	Descripción en Español <i>English description</i> <i>Description en Français</i>	Icono <i>Icon</i> Ícone	Descripción en Español <i>English description</i> <i>Description en Français</i>
Generales / General / Générale			
	Consulta más información en la Web <i>See more information on the Web</i> <i>Voir plus d'informations sur le Web</i>		Más información <i>More information</i> <i>Plus d'information</i>
	Consultar página <i>Go to page</i> <i>Consultez la page</i>		Peso en kg por metro <i>Weight in kg per metre</i> <i>Poids en kg par mètre</i>
	Peso en kg por unidad <i>Weight in kg per unit</i> <i>Poids en kg par unité</i>		Embalaje <i>Packaging</i> <i>Conditionnement</i>
	Bajo Pedido <i>On Request</i> <i>Sur Demande</i>		Materia Prima <i>Raw material</i> <i>Matière Première</i>
Características Bandejas / Cable tray features / Caractéristiques Dalles			
	Nº de Referencia del producto <i>Product Reference number</i> <i>Numéro de référence du produit</i>		Ancho <i>Width</i> <i>Largeur</i>
	Altura / Ala <i>Height / Flange</i> <i>Hauteur</i>		Longitud <i>Length</i> <i>Longueur</i>
	Espesor <i>Thickness</i> <i>Épaisseur</i>		Patentado Pemsa <i>Patented Pemsa</i> <i>Breveté Pemsa</i>
	Sección útil <i>Useful section</i> <i>Section utile</i>		Tiempo de montaje (segundos) <i>Assembly time (seconds)</i> <i>Temps de montage (secondes)</i>
	Continuidad Eléctrica según norma IEC61537 <i>Electrical Continuity acc. to standard IEC61537</i> <i>Continuité Électrique selon norme IEC61537</i>		Sistema Click de unión rápida <i>Fast Joint Click System</i> <i>Système Click d'union rapide</i>
	Sin tornillos <i>No screws</i> <i>Sans vis</i>		Temperatura de trabajo <i>Working temperature range</i> <i>Température de travail</i>
	Carga de trabajo Admisible <i>Safe Working Load</i> <i>Charge de travail admissible</i>		Cargas de trabajo Ligeras kg/m <i>Light duty Loads kg/m</i> <i>Charges de travail légères kg/m</i>
	Cargas de trabajo medias kg/m <i>Medium duty Loads kg/m</i> <i>Charges de travail moyennes kg/m</i>		Cargas de trabajo elevadas kg/m <i>Heavy duty Loads kg/m</i> <i>Charges de travail élevées kg/m</i>
	Resistencia al Impacto <i>Impact Strength</i> <i>Résistance aux impacts</i>		Resistencia al Fuego <i>Fire resistance</i> <i>Résistance au feu</i>
	Diámetro de cable <i>Cable diameter</i> <i>Diamètre du câble</i>		Distancia entre Soportes en metros <i>Span distance in metres</i> <i>Distance entre supports en mètres</i>

Icono Icon Ícone	Descripción en Español English description Description en Français	Icono Icon Ícone	Descripción en Español English description Description en Français
Características de Tubos / Conduits features / Caractéristiques des Tubes			
DN	Diámetro Nominal Nominal Width Diamètre nominal		Diámetro interior Inside diameter Diamètre intérieur
	Diámetro exterior Outside diameter Diamètre extérieur		Radio de Curvatura Bending radius Rayon de courbure
	Tipo de Rosca Thread Size Type de filetage		Llave de apriete necesaria Torque wrench Outil de serrage nécessaire
	Codificación según Norma internacional de Tubos IEC 61386 International Standard of Conduits Code IEC 61386 Codification selon la Norme internationale de Conduits IEC 61386		Resistencia a la Compresión Compression Strength Résistance à la compression
	Resistencia al Impacto Impact Strength Résistance aux impacts		Temperaturas de trabajo. Working temperature range Températures du travail
	Clasificación IP IP Classification Classification IP		No propagador de la llama Flame retardant Non Propagateur de flamme
	Comportamiento Radiación Ultra Violeta Ultra Violet Radiation behaviour Comportement Radiation Ultra Violette		Flexibilidad Flexibility Flexibilité
Acabados y Materiales / Finishes and Materials / Finitions & Matériaux			
EZ	Electrocincado EN ISO 2081 Electrogalvanised EN ISO 2081 Electrozingage EN ISO 2081	BC	Electrocincado Bicromatado EN ISO 2081 Electrogalvanised Bichromate EN ISO 2081 Électrozingage Bichromaté EN ISO 2081
PG	Galvanizado Sendzimir EN 10346 Pregalvanised EN 10346 Galvanisation Sendzimir EN 10346	GC	Galvanizado en Caliente EN ISO 1461 Hot Dip Galvanising EN ISO 1461 Galvanisation à Chaud EN ISO 1461
BLACK C8	Acabado Alta Resistencia Clase C8 IEC 61537 High Resistance Coating Class C8 IEC 61537 Protection Haute Résistance Classe 8 IEC 61537	304	Acero Inoxidable AISI 304 Stainless Steel AISI 304 Acier Inoxydable AISI 304
316L	Acero Inoxidable AISI 316L Stainless Steel AISI 316L Acier Inoxydable AISI 316L	LAT	Latón Brass Laiton
PASSV	Pasivado Passivated Passivation	PC+ABS	Polycarbonato + ABS Libre de halógenos Halogen Free Polycarbonate + ABS Polycarbonate + ABS sans halogène
PVC	Policloruro de Vinilo Polyvinyl Chloride Polychlorure de vinyle	PP	Polipropileno Libre de Halógenos Polypropylene Halogen Free Polypropylène sans halogène
PA6	Poliamida 6 Libre de Halógenos Polyamide 6 Halogen Free Polyamide 6 sans halogène	PA12	Poliamida 12 Libre de Halógenos Polyamide 12 Halogen Free Polyamide 12 sans halogène
PU	Poliuretano Polyurethane Polyuréthane	PE	Polietileno Polyethylene Polyéthylène
AC	Acero al Carbono Carbon Steel Acier au Carbone	LN	Latón Niquelado Nickel-plated brass Laiton Nickelé
AL	Aluminio Aluminium Aluminium	NBR	Caucho NBR NBR rubber Caoutchouc NBR
PET	Poliestirester Termoplástico Thermoplastic Polyester Polyesterester Thermoplastique	TPV	Termoplástico Thermoplastic Thermoplastique



Icono Icon Ícone	Descripción en Español English description Description en Français
EP	Acabado EPOXI EPOXI coating Finition EPOXI
RAL 5012	Color Azul RAL 5012 Blue Colour RAL 5012 Couleur Bleu RAL 5012
RAL 7000	Color Gris RAL 7000 Grey Colour RAL 7000 Couleur Gris RAL 7000
RAL 7031	Color Gris Oscuro RAL 7031 Dark Grey Colour RAL 7031 Couleur Gris Foncé RAL 7031

Icono Icon Ícone	Descripción en Español English description Description en Français
RAL 9005	Color Negro RAL 9005 Black Colour RAL 9005 Couleur Noir RAL 9005
RAL 5024	Color Azul RAL 5024 Blue Colour RAL 5024 Couleur Bleu RAL 5024
RAL 7011	Color Gris Oscuro RAL 7011 Dark Grey Colour RAL 7011 Couleur Gris Foncé RAL 7011
RAL 7035	Color Gris Claro RAL 7035 Light Grey Colour RAL 7035 Couleur Gris Clair RAL 7035

Homologaciones / Approvals / Homologations

	Norma Internacional de Bandejas IEC 61537 Cable trays International Standard IEC 61537 Norme Internationale de Chemin de Câbles IEC61537
	Marcado N de AENOR + info pag 008 AENOR N Mark + info pag. 008 Marquage N de AENOR + info page 008
	Conformidad CE con Directiva 2006/95 CE acc. to Directive 2006/95 CE Conformité CE avec Directive 2006/95 CE
	Conformidad con Directiva RoHS 2002/95/CE Compliance with Directive RoHS 2002/95/CE Conformité avec la Directive RoHS 2002/95/CE
NF	Certificación según Norme Française Approval acc. to Norme Française Certification selon Norme Française
	Certificación Aplicaciones Marinas DNV Marine applications DNV Approval Certification DNV applications marines
	Certificación UL Certified UL Certified Approval Certification UL Certified
	Certificación Alemana VDE VDE German Approval Certification allemand VDE
	Certificación Rusa GOST Russian GOST Approval Certification Russe GOST

	Norma Internacional de Tubos IEC 61386 Conduit International Standard IEC 61386 Norme Internationale de Conduits IEC61386
	Conforme NEMA VE-1 Acc. to NEMA VE-1 Standard Conforme NEMA VE-1
	Libre de Halógenos según EN 50267-2-1 Halogen free acc. to EN 50267-2-1 Sans halogène selon EN 50267-2-1
E90	Ensayo Resistencia al Fuego E90 según DIN 4102-12 E90 Fire Resistance Test acc. to DIN 4102-12 Standard Résistance au feu E90 selon DIN 4102-12
	Homologación Deutsche Bahn Deutsche Bahn Approval Homologation Deutsche Bahn
	Certificación UL Listed UL Listed Approval Certification UL Listed
	Certificación Canadiense CSA CSA Canadian Approval Certification canadienne CSA
	Certificación Germanischer Lloyd Germanischer Lloyd Approval Certification Germanischer Lloyd
	Certificación Áreas explosivas ATEX ATEX Hazardous Areas Approval Certification Zones explosifs ATEX

Soluciones de Producto / Product Solutions / Solutions Produits

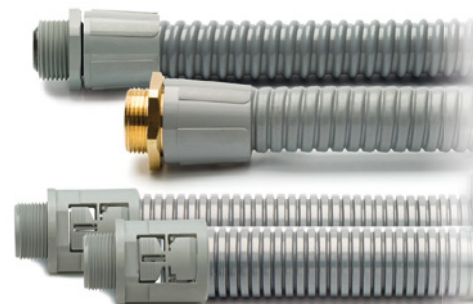
	Industria Alimentaria Food Industry Industrie Alimentaire
	Industria Petroquímica Petrochemical Industry Industrie Pétrochimique
	Fotovoltaica Photovoltaic Photovoltaïque
	Edificación Terciario Building Tertiary Édification Tertiaire
	Aplicaciones Ferroviarias Railway Applications Applications Ferroviaires

	Industria Farmacéutica Pharmaceutical Industry Industrie Pharmaceutique
	Energía Energy Énergie
	Teleco / Centros de Proceso de Datos IT / Data Centers IT / Centres de Données
	Túneles Infraestructuras Tunnels Infrastructures Tunnels Infrastructures
	Solución Resistencia al Fuego E90 E90 Fire Resistance Solution Solution E90 Résistance au feu

Sistema de Tubos Pemsa Guía de selección

Pemsa Conduits System Selection guide

Systèmes de Conduits Pemsa Guide de sélection



Pemsa Plastic 7035 System						Pemsa Metal Rigid					
Denominación <i>Designation</i> <i>Désignation</i>	RLH	RPVC	TM-PVC 7035	CLH	TFA 7035	RL / RLGC	RR / RRG	RAL	RINOX		
Tubo <i>Conduit</i> <i>Conduit</i>											
Características / <i>Features</i> / <i>Caractéristiques</i>											
	LH	PVC	PG	LH	PVC	EZ	GC	EZ	GC	Aluminio/ Aluminium	304
			PVC		PVC						
DN/SW min.	DN16	DN16	DN7	DN16	DN7	DN16	DN16	DN16	DN16	DN16	DN20
DN /SW max.	DN63	DN63	DN48	DN63	DN48	DN63	DN63	DN63	DN63	DN63	DN40
	-15°C +90°C	-15°C +90°C	-5°C +60°C	-15°C +90°C	-5°C +60°C	-45°C +400°C	-45°C +400°C	-45°C +400°C	-45°C +400°C	-45°C +250°C	-45°C +250°C
	Alta / High / Haute				Media Medium Moyenne	Muy Alta / Very High / Très haute					
 Flex	Rígido / Rigid / Rigide			Media / Medium / Moyenne		Rígido / Rigid / Rigide					
	OK according to IEC 60754-1	OK according to IEC 60754-1		OK according to IEC 60754-1		OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	IP54	IP54	IP54	IP67	IP40 / IP65	IP54	IP54	IP54	IP54	IP54	IP54
	4432	4432	4421	2232	2421	5557	5557	4456	5556		
Homologaciones / <i>Approvals</i> / <i>Homologations</i>											
	 	 	 	 	 	 	 	 	 		
Aplicaciones / <i>Applications</i> / <i>Applications</i>											
 Tertiary	•	•	•	•	•	•	•	•	•	•	•
 Tunnels	•	•	•	•	•	•	•	•	•	•	•
 Photovoltaic/ Energy	•	•	•			•	•	•	•	•	•
 Data Centers	•	•		•	•						
 Food Industry	•	•									•
 Petrochemical Industry	•	•				•	•	•	•	•	•
 Railway app.			•	•	•						
	176	178	180	180	180	184, 188	184, 188	190		192	



Sistema de Tubos Pensa
Guía de selección

Pemsa Conduits System
Selection guide

Systèmes de Conduits Pensa
Guide de sélection

Pemsa Flexible Metal & Plastic				Pemsaflex /Polyamide System						Denominación <i>Designation</i> <i>Désignation</i>
TFA	TM	TM-PVC	ECOFLEX	LG-PA	ST-PA	RF-PA	RB-PA	RB-PU	MACRO FLEX	
										Tubo <i>Conduit</i> <i>Conduit</i>
Características / Features / Caractéristiques										
PVC	PG	PG	PG	Poliamida/ Polyamide/PA 6	Poliamida/ Polyamide/PA 6	Poliamida/ Polyamide/PA 6	Poliamida/ Polyamide/PA 12	Poliuretano/ Polyurethane/ PU	Poliamida/ Polyamide/PA 6	Ⓜ
PVC		PVC	PVC							Ⓜ
07	07	07	07	07	07	07	07	17	52	DN/SW min.
48	48	48	48	48	48	48	70	70	90	DN/SW max.
-5°C	-45°C	-5°C	-5°C	-40°C	-40°C	-40°C	-50°C	-5°C	-40°C	°C+
+60°C	+150°C	+60°C	+60°C	+105°C	+105°C	+105°C	+105°C	+90°C	+105°C	°C+
Media Medium Moyenne	Muy Alta Very High Très haute	Media Medium Moyenne	Media Medium Moyenne	Alta High Haute	Muy Alta Very High Très haute	Muy Alta Very High Très haute	Muy Alta Very High Très haute	Muy Alta Very High Très haute	Muy Alta Very High Très haute	UV
Alta High Haute	Alta High Haute	Alta High Haute	Alta High Haute	Alta High Haute	Alta High Haute	Media Medium Moyenne	Muy Alta Very High Très haute	Muy Alta Very High Très haute	Media Medium Moyenne	Flex
	OK			OK	OK	OK	OK	OK	OK	HF
OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	✗
IP40 / IP65	IP40	IP65	IP65	IP54 / IP67	IP54 / IP67	IP54 / IP67	IP54 / IP67	IP54 / IP67	IP54 / IP67	IP
2421	4455	4421	3421	2443	2443	3443	2422	1522	2453	IEC 61386
Homologaciones / Approvals / Homologations										
CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	CE RoHS IEC 61386	IEC 61386
						UL DB IEC 61386	UL DB IEC 61386	UL DB IEC 61386	UL DB IEC 61386	IEC 61386
Aplicaciones / Applications / Applications										
•	•	•	•	•	•				•	Tertiary
•	•	•	•	•	•				•	Tunnels
		•	•	•	•	•	•	•	•	Photovoltaic/ Energy
•				•	•	•	•	•	•	Data Centers
		•	•	•	•	•			•	Food Industry
		•	•	•	•	•			•	Petrochemical Industry
•	•	•	•	•	•	•	•	•	•	Railway app.
194	194	195	195	202	202	202	203	203	203	Ⓜ



Gama de Prensaestopas

Guía de selección

Cable Glands Range

Selection guide

Gamme de Presse-Étoupes

Guide de Selection

Prensaestopas Plásticos / Plastic Cable Glands / Presse-Étoupes Plastiques

Denominación <i>Designation</i> <i>Designation</i>	PK	IRIS-P	IRIS	HSK-K	HSK-K-EX	HSK-FLEX
Prensaestopa <i>Cable Gland</i> <i>Presse-Étouple</i>						
Características / <i>Features</i> / <i>Caractéristiques</i>						
	Poliamida / <i>Polyamide</i> / <i>Polyamide</i>					
Junta / <i>Joint</i>	TPV	NBR	NBR	NBR	NBR	NBR
M	M12-M40	M12-M63	M12-M63	M12-M63	M12-M63	M12-M25
PG	PG7-PG36	PG7-PG29	PG7-PG48	PG7-PG48	PG7-PG48	PG7-PG21
DN Ø	3,5 / 32	3,0 / 44,0	3,0 / 44,0	3,0 / 44,0	3,0 / 44,0	3,0 / 18,0
	-20°C +80°C	-20°C +80°C	-40°C +100°C	-40°C +100°C	-40°C +100°C	-40°C +105°C
UV	Buena / <i>Good</i> / <i>Bon</i>	Alta / <i>High</i> / <i>Haute</i>	Alta / <i>High</i> / <i>Haute</i>	Muy Alta / <i>Very High</i> / <i>Très Haute</i>		
	OK	OK	OK	VO according to UL94	VO according to UL94	VO according to UL94
HF	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK
	RAL 7035	RAL 7035 RAL 9005	RAL 7035 RAL 7031 RAL 9005	RAL 7035 RAL 9005	RAL 5012 RAL 9005	RAL 7035
IP	IP54	IP68	IP68	IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)
Homologaciones EN 60259 / <i>Approvals EN 60259</i> / <i>Homologations EN 60259</i>						
	CE RoHS	CE RoHS UL	CE RoHS	CE RoHS UL CUL US GL UL PC	CE RoHS UL CUL US GL UL PC Ex	CE RoHS UL CUL US GL UL PC
Aplicaciones / <i>Applications</i> / <i>Applications</i>						
Tertiary	•	•	•			•
Petrochemical Industry				•	•	
Railway app.		•	•	•		•
Energy		•	•	•		•
Photovoltaic/ Energy		•	•	•		•
Food Industry						
	224	224	225	225	226	227

Gama de Prensaestopas
Guía de selección

Cable Glands Range
Selection guide

Gamme de Presse-Étoupes
Guide de Selection

Prensaestopas Metálicos / Metal Cable Glands / Presse-Étoupes Metalliques

PM / PML	IRIS-M	HSK-M	HSK-MZ	HSK-M-EX	HSK-M-EMV-D	HSK-INOX / HD	Denominación Designation Designation
							Prensaestopa Cable Gland Presse-Étouple
Características / Features / Caractéristiques							
Latón Niquelado / Nickel-Plated Brass / Laiton Nickelé							304 (M)
Neopreno	NBR	NBR	NBR	NBR	NBR	NBR	(M) Junta / Joint
M12-M63	M12-M63	M12-M63	M12-M63	M12-M63	M12-M63	M12-M40	M
PG7-PG36	PG7-PG36	PG7-PG48		PG7-PG48			PG
4,0 / 46,0	3,0 / 48,0	3,0 / 44,0	3,0 / 44,0	3,0 / 44,0	3,0 / 44,0	3,0 / 32,0	DN Ø
-15°C	-40°C	-40°C	-40°C	-60°C	-60°C	-40°C	°C+
+60°C	+100°C	+100°C	+100°C	+130°C	+130°C	+100°C	
Alta / High / Haute	Muy Alta / Very High / Très Haute						UV
OK	OK	VO according to UL94	VO according to UL94	VO according to UL94	VO according to UL94	VO according to UL94	HF
OK	OK						HF
Metal	Metal	Metal	Metal	Metal	Metal	Metal	
IP54	IP68	IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)	IP
Homologaciones EN 60259 / Approvals EN 60259 / Homologations EN 60259							
CE RoHS	CE RoHS	CE RoHS CULS	CE RoHS CULS	CE RoHS CULS	CE RoHS CULS	CE RoHS CULS	
		UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	
		UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	
		UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	
		UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	
		UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	UL CULS GL	
Aplicaciones / Applications / Applications							
•	•	•	•	•	•	•	Tertiary
			•	•	•	•	Petrochemical Industry
			•	•	•	•	Railway app.
			•	•	•	•	Energy
	•	•					Photovoltaic/ Energy
						•	Food Industry
228	229	229	230	230	231	231	1

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