



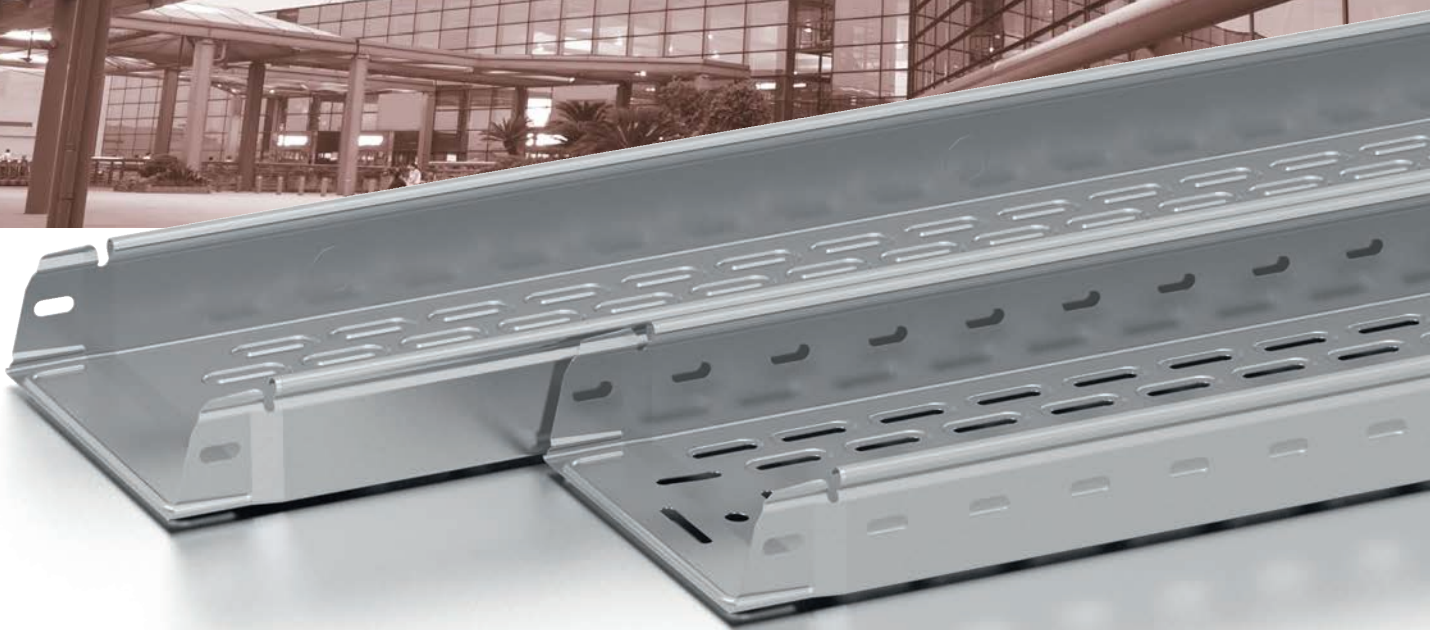
Cable Management System

pemsa**band**[®]
inducanal[®]

Bandeja de chapa perforada y ciega

Perforated and solid cable trays Systems

Dalle de chemin de câble métallique, perforée et emboutie & pleine



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

Protection Haute Résistance pour des environnements agressifs

Classe 8. >1000 heures.
Meilleures prestations que la Galvanisation à chaud

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 Plants, 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
		Info / Info / Info	04-05
1.2	 pemsaband® inducanal®	Bandeja de Chapa perforada y ciega Perforated and solid cable trays Dalle métallique perforée et emboutie	09
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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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1.1	 rejiband®	Sistema de Bandejas de rejilla electrosoldada Electrowelded Wire mesh cable trays Système chemin de câbles dalle perforée soudées	
		Bandejas de rejilla electrosoldada con borde de seguridad / Novedades Electrowelded wire mesh tray with safety edge / News Chemins de Câbles fils soudés avec bord de sécurité / Nouveautés	
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		rejiband BLACK C8 / rejiband CLICK®	
		Accesorios / Accessories / Accessoires	
		Solutions / Ideas	
1.1	 rejitech®	Soporte de cables para falsos techos Cable support for false ceilings Support de câbles faux plafonds	
1.3	 megaband®	Bandeja de escalera para aplicaciones industriales Ladder for industrial applications Echelle à câble pour l'industrie	
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...

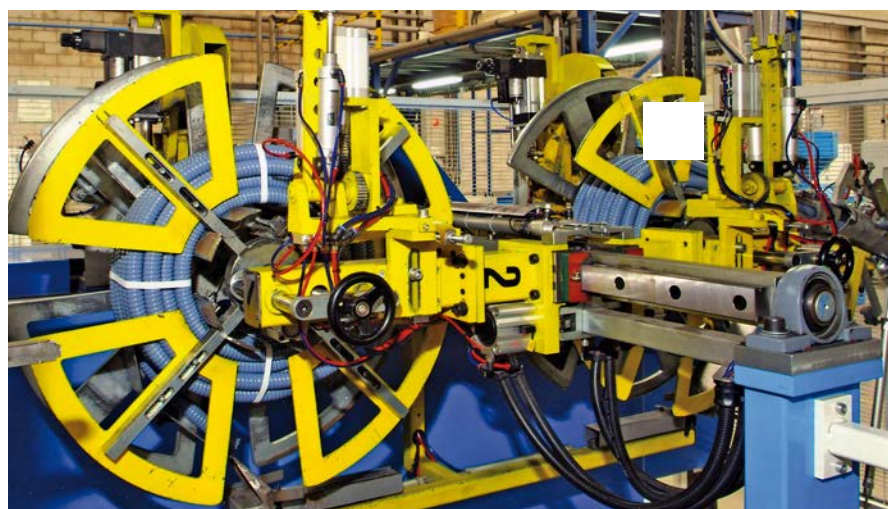
International

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

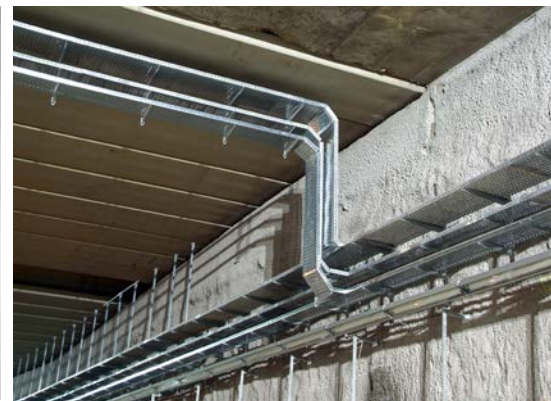
Pemsa desarrolla su vocación internacional a través de sus Filiales, **Pemsa UK**, **Pemsa France**, **Pemsa Portugal** y **Pemsa Latinoamérica**, y clientes de los 5 continentes, Oriente Medio, Dubai, Arabia Saudí, Alemania, Bélgica, Italia, Grecia, Marruecos, Senegal, Sudáfrica, Nueva Zelanda, Estados 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®** 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, 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 maintenue 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

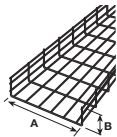
ATENCIÓN AL CLIENTE

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.

pemsa	REJIBAND WIRE MESH TRAY	
	A 300 B 100	Acabado / Finish BICRO
	6 m	60222100
		

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.

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

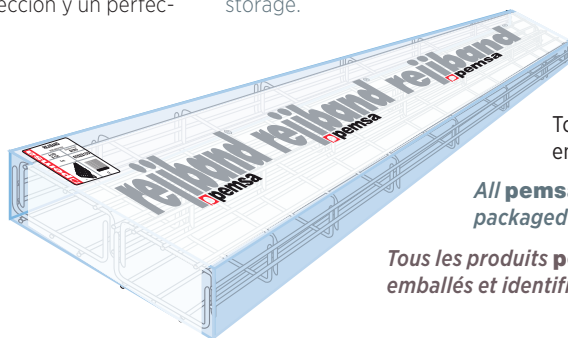
Allows perfect identification of all the product ranges.

- 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.



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

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-retracté et une étiquette d'identification.
- Garantie une protection maximale et un stockage idéal des produits.



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).

CE Marking

All products in this catalogue comply with CE directives.

EAN Code

All products in this catalogue have been assigned their corresponding 13-digit, European bar code (EAN).

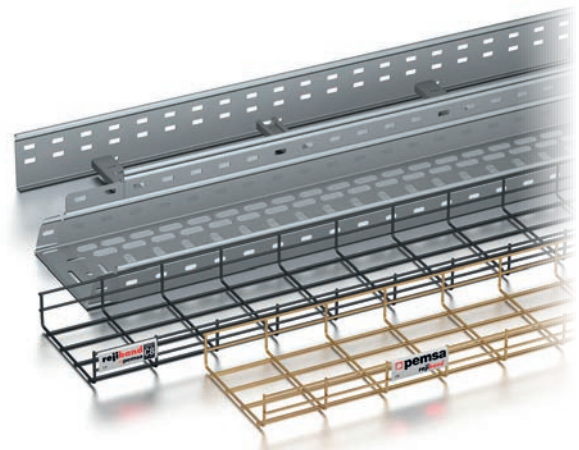
Marquage CE

Tous les produits de ce catalogue répondent aux directives CE.

Codification EAN

Tous les produits de ce catalogue possèdent un code de barres européen correspondant à 13 chiffres (EAN).



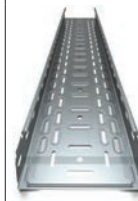
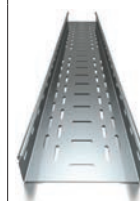
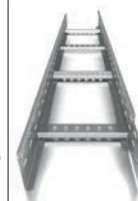
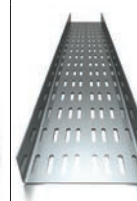


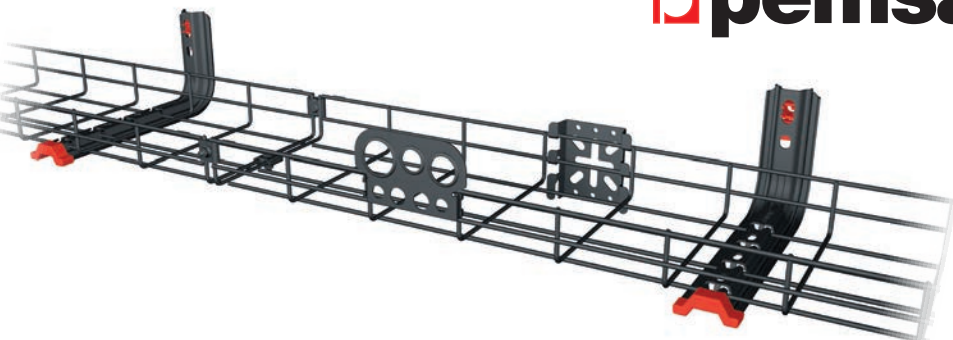
Sistemas de Bandejas y Soportes. Guía de selección

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	reijiband®	reijiband® BLACK C8	reijiband® CLICK	reijitech®	pemsaband® SX(*) / LX	pemsaband® RX	megaband®	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	
	-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							(M)
•	•	•	•		•	•	PG
							EZ
							BYCRO
•	•	•	•	•	•	•	GC
•	•	•	•		•		C8
•	•	•	•		•		304
•	•	•	•		•	•	316L
100-400	100-400	100-600	100-600	300-600	100-300	41X21 41X21	mm
						3 M	mm
-50 °C / +150 °C							°C
							N/m
-							
A1 / E90	A1 / E90	A1 / E90	A1 / E90	A1 / E90	A1	A1 / E90	

Homologaciones / Approvals / Homologations

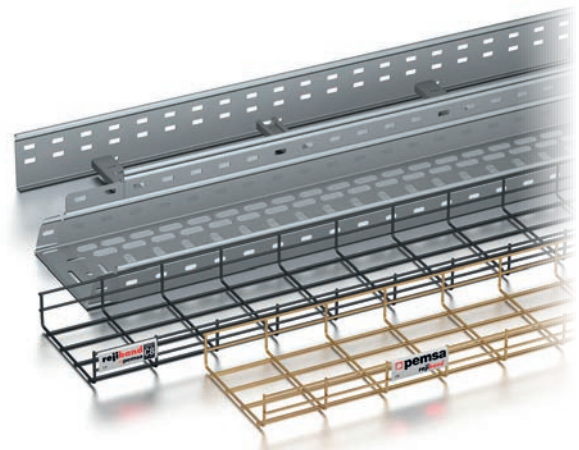
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Aplicaciones / Applications / Applications

•			•	•			
•			•	•		•	
	•					•	
		•			•	•	
•	•		•	•		•	
		•			•	•	
128	128	142	130	132	042, 140	152	

Montaje / Assembly / Montage

	A pared Wall Mur		A pared con rail Wall with channel Mur avec Rail		A techo Ceiling Plafond		A techo con varillas Ceiling with threaded rods Plafond avec tige filetée		A techo con péndulo Ceiling with pendant Plafond avec pendent Omega		Instalación a suelo Floor installations Installation au sol
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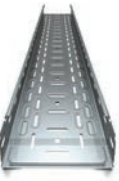


Acabados de protección para Sistema de Bandejas Portacables

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}	pemsaband [®]	inducanal [®]	mega band [®]	pemsaband [®] 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 / Heures	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

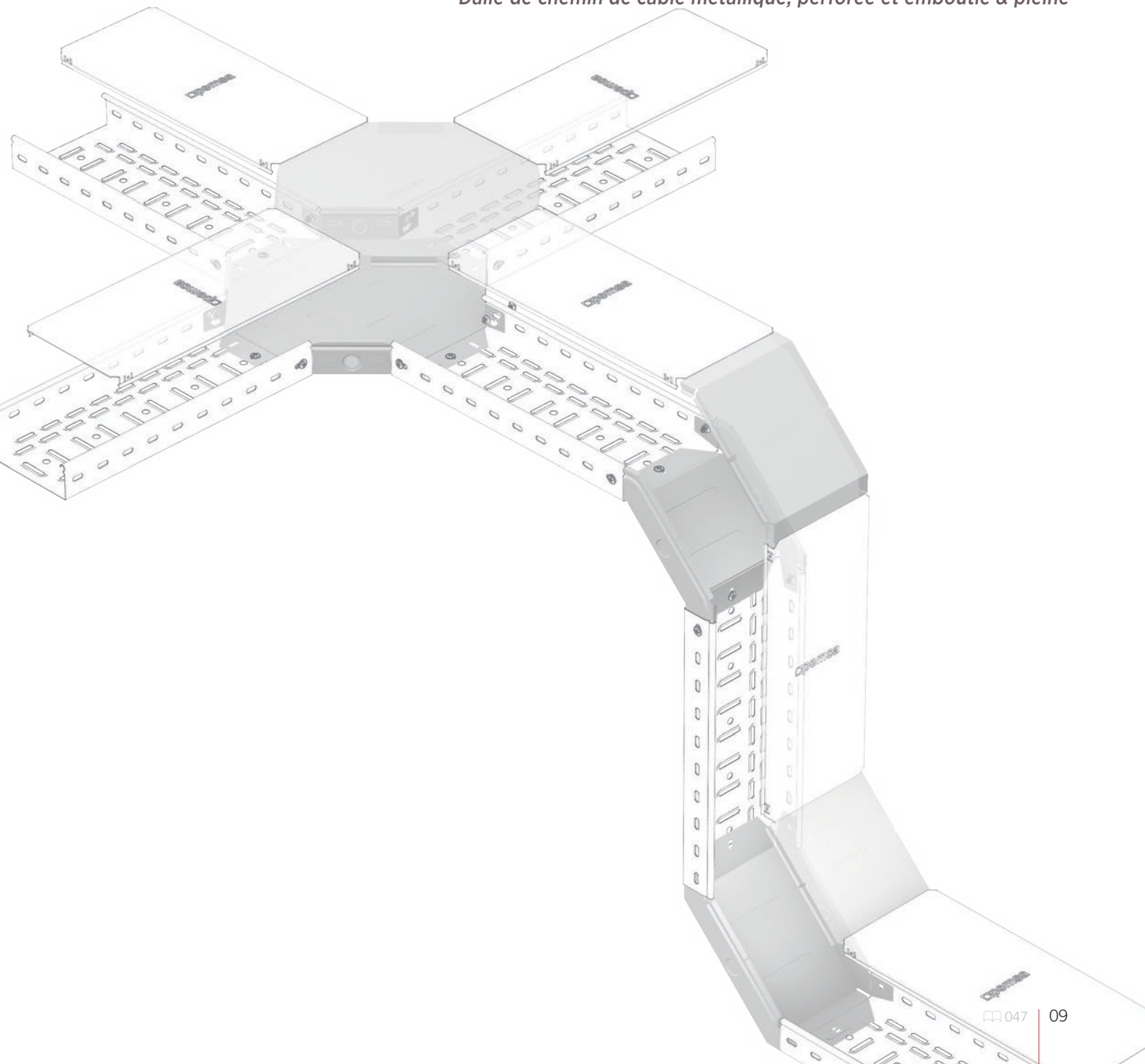
		Class IEC61537	Test H.								
PG	EN 10346	C2	>96	•							
EZ	EN-ISO 2081	C3	>190	•							
BYCRO (BC)	EN-ISO 2081	C5	>450	•	•	•	•	•			
GC	EN-ISO 1461	C5-C7	>450->660	•		•	•	•	•	•	•
EP	—	C7	660	•	•	•	•	•	•	•	•
BLACK C8	EN-ISO 2081	C8	>850	•	•	•	•	•	•	•	•
304	AISI	C9D	>900	•	•	•	•	•	•	•	•
316L	AISI	C9E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

pemsaband® **inducanal®**

Bandeja de chapa perforada y ciega

Perforated and solid cable trays

Dalle de chemin de câble métallique, perforée et emboutie & pleine



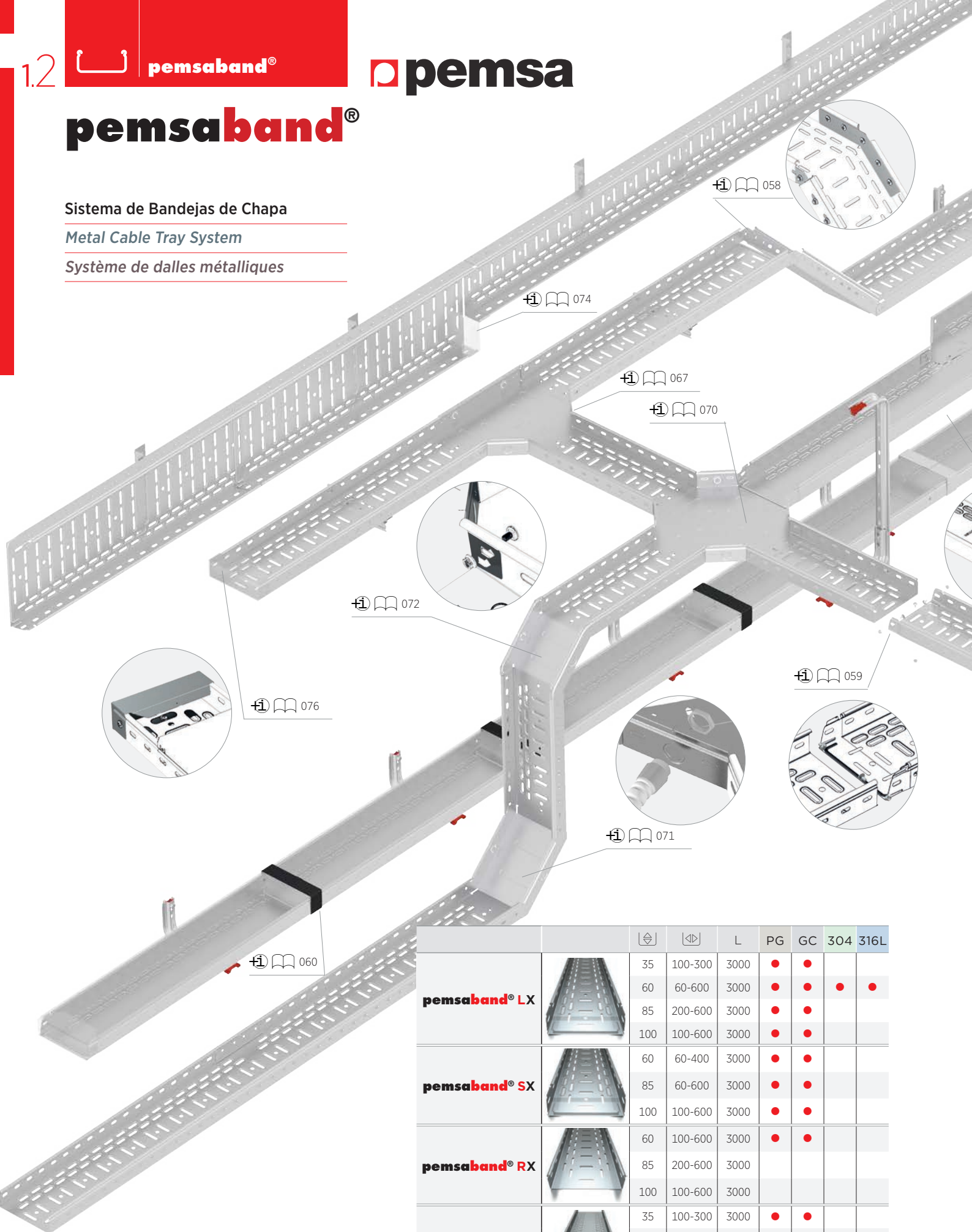


pemsaband®

Sistema de Bandejas de Chapa

Metal Cable Tray System

Système de dalles métalliques



				L	PG	GC	304	316L
pemsaband® LX		35	100-300	3000	●	●		
		60	60-600	3000	●	●	●	●
		85	200-600	3000	●	●		
		100	100-600	3000	●	●		
pemsaband® SX		60	60-400	3000	●	●		
		85	60-600	3000	●	●		
		100	100-600	3000	●	●		
pemsaband® RX		60	100-600	3000	●	●		
		85	200-600	3000				
		100	100-600	3000				
inducanal®		35	100-300	3000	●	●		
		60	60-600	3000	●	●	●	●
		85	200-600	3000	●	●		
		100	100-600	3000	●	●		

Normas Internacionales:

International Standards:

Normes internationales:



Norma internacional de
Bandejas
International standard
of Cable trays
Normes international dalles



Resistencia al fuego
DIN 4102-12 Fire Resistance
Résistance au feu



Marcado N AENOR IEC 61537
AENOR N Mark IEC 61537
Marca N AENOR IEC 61537



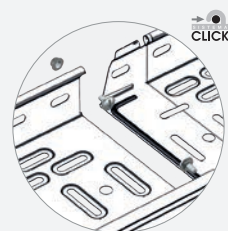
RoHS 2002/95/CE
WEEE 2012/19/UE



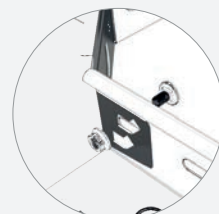
IQNET ISO 9001



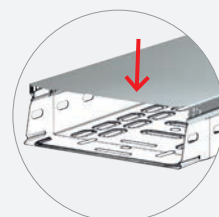
Producto patentado
Patented product
Produit breveté



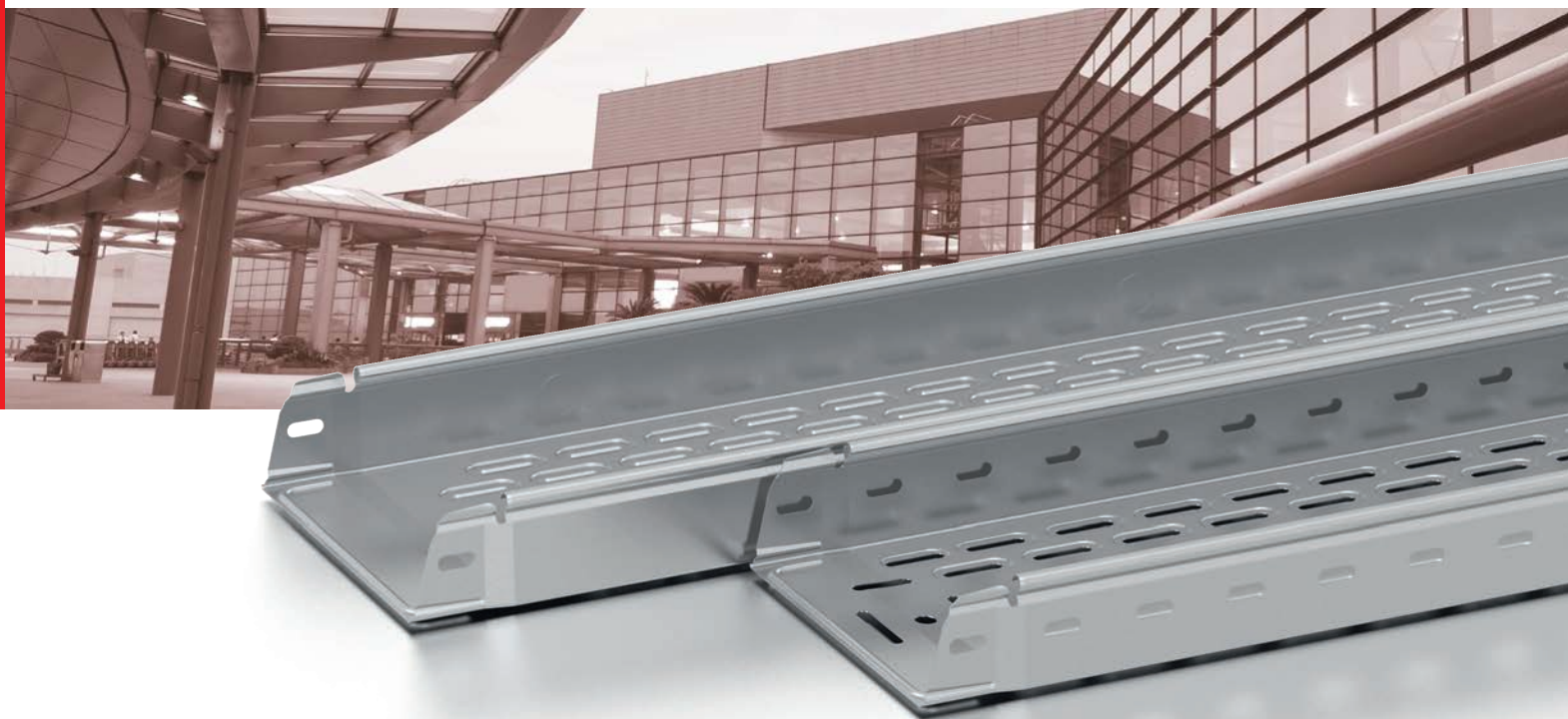
Sistema Click
Click System
Système Click



Sistema Universal
en Accesorios
Universal System
of Accessories
Accessoires
Système universel



Tapa Sistema
Click
Click System on
Cover
Couvercle
Système Click



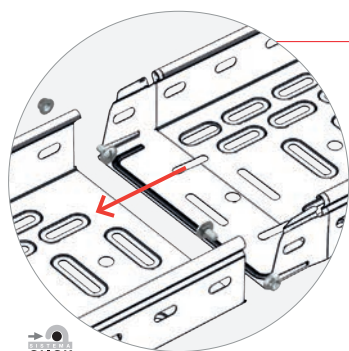
pemsaband® inducanal®

Bandejas de chapa perforada y ciega para cables

Perforated and solid cable trays

Dalles de chemins de câbles métalliques perforée et emboutie

Ventajas y Características / *Advantages and features* / *Avantages et Caractéristiques*

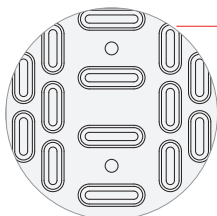


CLICK

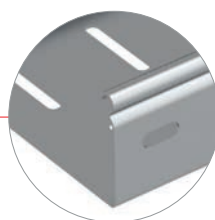
Sistema Click de unión rápida
Quick Click Joint System
Système Click éclipse rapide

PG GC 304 316L

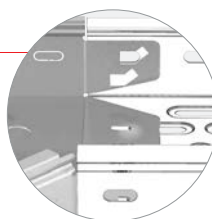
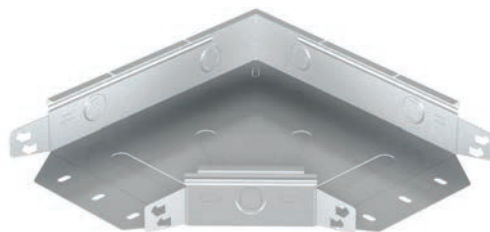
Amplia gama de acabados
Wide range of finishes and coatings
Large gamme de finition



Base perforada y embutida
incrementan la capacidad de carga
*Perforated and embossed base
increases the load capacity*
*Base perforée et emboutie,
augmentent la capacité de charge*



Borde de seguridad.
Protege y fortalece la bandeja
*Safety edge. Protects and
strengthens the cable tray*
*Bord de sécurité.
Il protège et fortifie la dalle*



Accesorios con
Sistema Click Universal.
Válido para todas las bandejas
*Universal Click System
on Accessories.*
Compatible with all cable trays
*Accessoires Système Click
Universel.*
Adaptable pour toutes les dalles

Novedades News Nouveautés

NEW



304

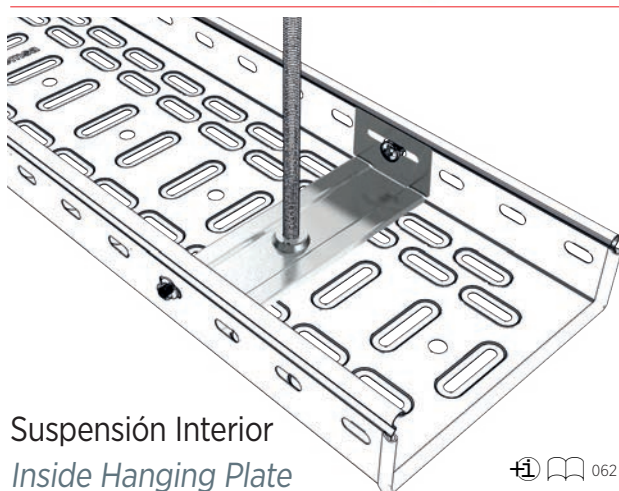
316L

INOX - Stainless Steel

Alta Resistencia
High Resistance
Haute Résistance

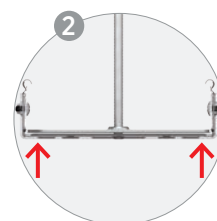
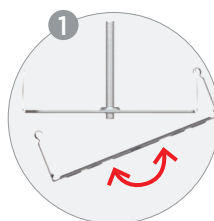
052-055

NEW



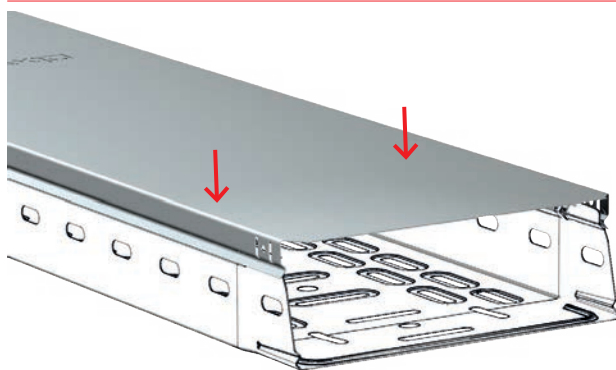
Suspensión Interior
Inside Hanging Plate
Suspension intérieur

062



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

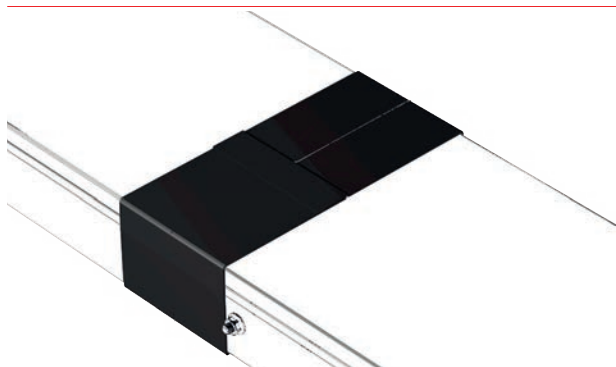
NEW



060

Tapa con solape
Cover with overlap
Couvercle à pression

NEW



Junta de Neopreno
Neoprene Gasket
Joint de Néoprène

060

Máxima estanqueidad
Maximum tightness
Étanchéité maximale



pemsaband®

LX

Bandeja de Chapa Perforada Click

Perforated Click System Cable Tray

Dalle de Chemin de câble
perforée click

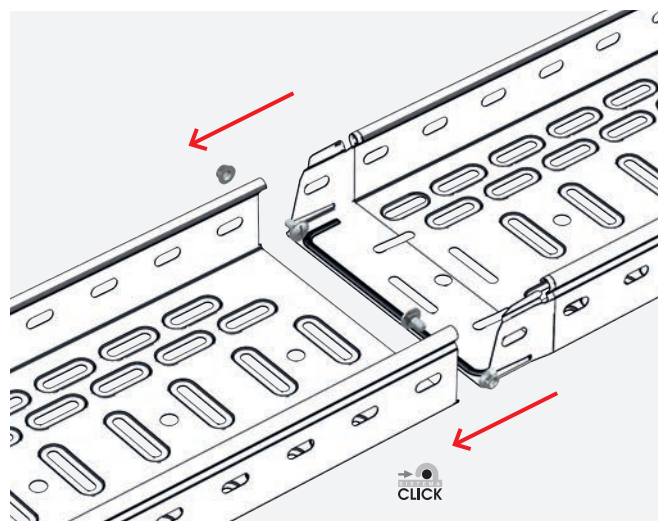
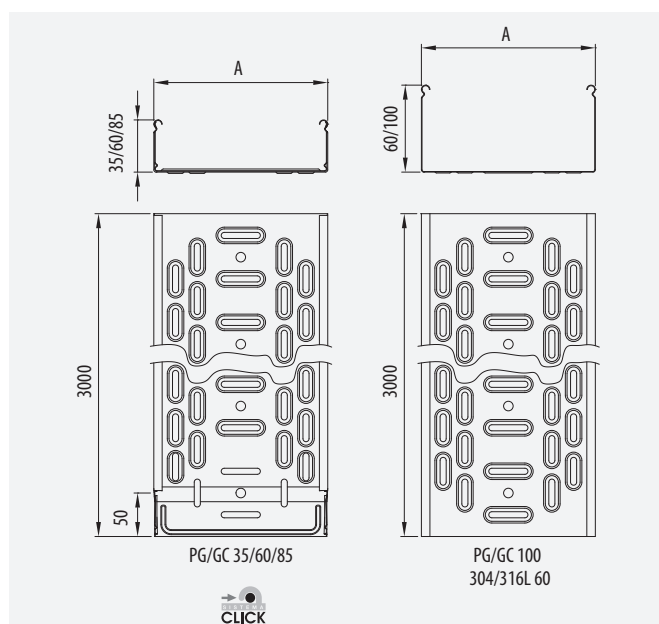
35, 60, 85 100 • 100-600 • 3000



IEC
61537

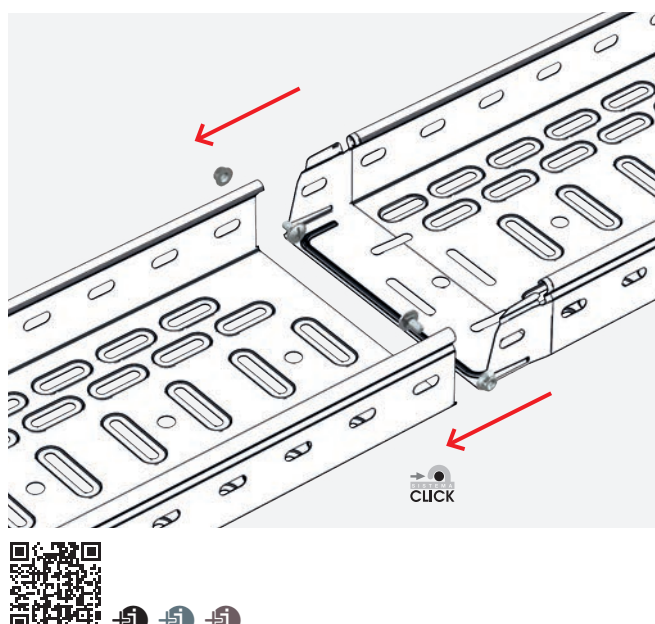
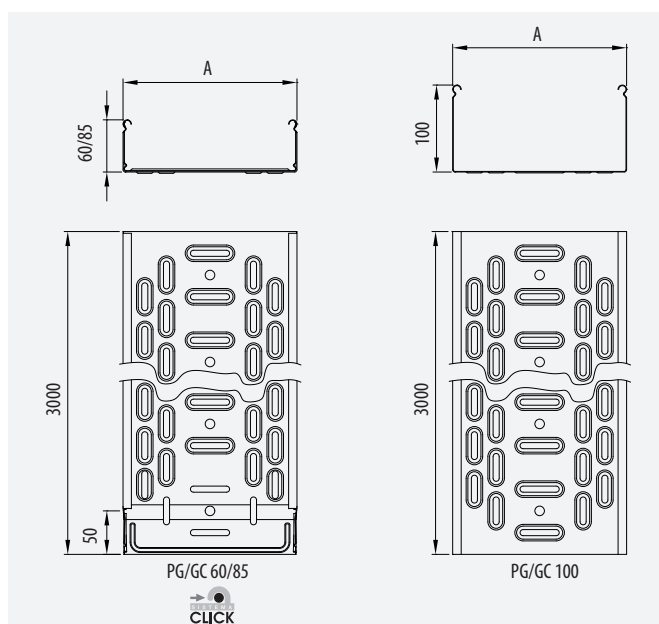


		PG	GC	304	316L	kg/m PG	kg/m GC	kg/m 304-316L	
35	100	75821100	75831100			0,691	0,867		24
	150	75821150	75831150			0,862	1,081		12
	200	75821200	75831200			1,241	1,507		12
	300	75821300	75831300			1,928	2,020		12
	400	75821400				2,416			6
60	100	75822100	75832100	76452100	76462100	0,885	1,109	0,906	24
	150	75822150	75832150	76452150	76462150	1,267	1,535	1,076	12
	200	75822200	75832200	76452200	76462200	1,473	1,789	1,235	12
	300	75822300	75832300	76452300	76462300	2,199	2,599	1,911	6
	400	75822400	75832400	76452400	76462400	2,691	3,197	2,335	6
	500	75822500	75832500	76452500	76462500	3,666	4,263	3,244	6
	600	75822600	75832600	76452600	76462600	4,223	4,914	3,734	6
85	200	75223200	75233200			1,683	2,048		6
	300	75223300	75233300			2,444	2,899		6
	400	75223400	75233400			3,409	3,957		6
	500	75223500	75233500			4,012	4,655		6
	600	75223600	75233600			4,576	5,310		6
100	100	75224100	75234100			1,416	1,739		12
	200	75224200	75234200			2,122	2,517		6
	300	75224300	75234300			2,612	3,098		6
	400	75224400	75234400			3,576	4,104		6
	500	75224500	75234500			4,118	4,790		6
	600	75224600	75234600			4,669	5,431		6
35-60-85		67010093	67030093	67060100 + 64060059	67060100 + 64060059			+ 058	
100 60 - (304, 316L)		71023005 / 93910003	71023005 / 93930003	93950002	93960002			+ 058	





		PG	GC	kg/m PG	kg/m GC	
60	100	75522100	75232100	1,319	1,606	24
	150	75522150	75232150	1,786	1,908	12
	200	75522200	75232200	2,067	2,210	12
	300	75522300	75232300	2,635	2,865	6
	400	75522400	75232400	3,056	4,277	6
	500	75522500	75232500	4,551	5,108	6
85	600	75522600	75232600	5,244	5,880	6
	200	75523200	75533200	2,220	2,580	6
	300	75523300	75533300	2,780	3,235	6
	400	75523400	75533400	4,180	4,720	6
	500	75523500	75533500	4,920	5,560	6
100	600	75523600	75533600	5,610	6,340	6
	100	75524100	75534100	1,652	1,959	12
	200	75524200	75534200	2,429	2,825	6
	300	75524300	75534300	2,989	3,477	6
	400	75524400	75534400	4,400	4,977	6
60-85	500	75524500	75534500	5,137	5,810	6
	600	75524600	75534600	5,827	6,591	6
60-85		67010093	67030093		+ 058	
100		71023005 / 93910003	71033005 / 93930003		+ 058	





pemsaband®

RX

Bandeja de Chapa Reforzada

Reinforced Perforated Cable Tray

Dalle de chemin de câble renforcée

60, 85, 100 • 100-600 • 3000



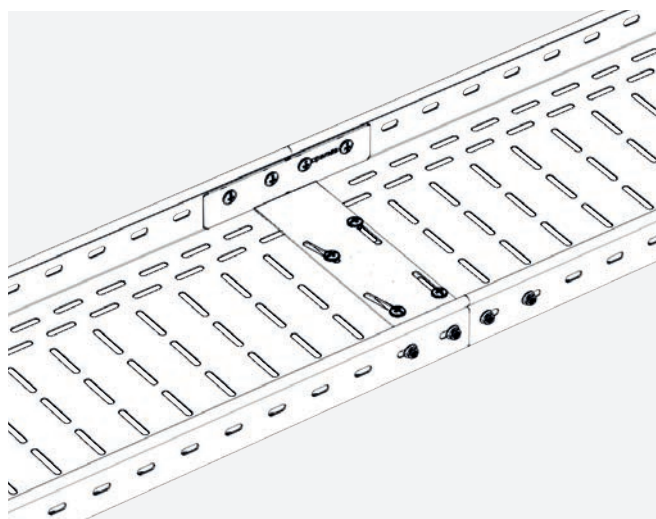
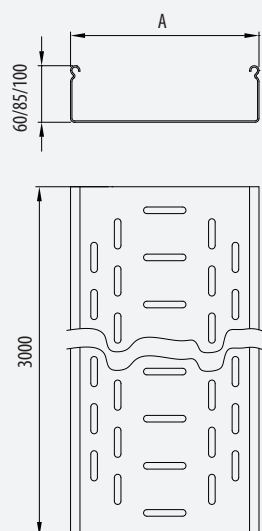
E90



IEC 61537



		PG	GC	kg/m PG	kg/m GC	
60	100	76122100	76132100	2,622	2,852	6
	200	76122200	76132200	3,538	3,857	6
	300	76122300	76132300	4,646	5,057	6
	400	76122400	76132400	5,690	6,193	6
	500	76122500	76132500	6,787	7,395	6
	600	76122600	76132600	7,889	8,589	6
85	200	76123200	76133200	4,058	4,423	6
	300	76123300	76133300	5,166	5,623	6
	400	76123400	76133400	6,211	6,759	6
	500	76123500	76133500	7,315	7,970	6
	600	76123600	76133600	8,417	9,164	6
100	100	76124100	76134100	3,490	3,796	6
	200	76124200	76134200	4,485	4,881	6
	300	76124300	76134300	5,519	6,007	6
	400	76124400	76134400	6,564	7,143	6
	500	76124500	76134500	7,644	8,328	6
	600	76124600	76134600	8,831	9,607	6
60-85		67010093	67030093		058	
100		71023005	71033005		+ 058	
60-85-100	300-600	71020XXX	71030XXX		+ 058	





Bandeja ciega con embuticiones

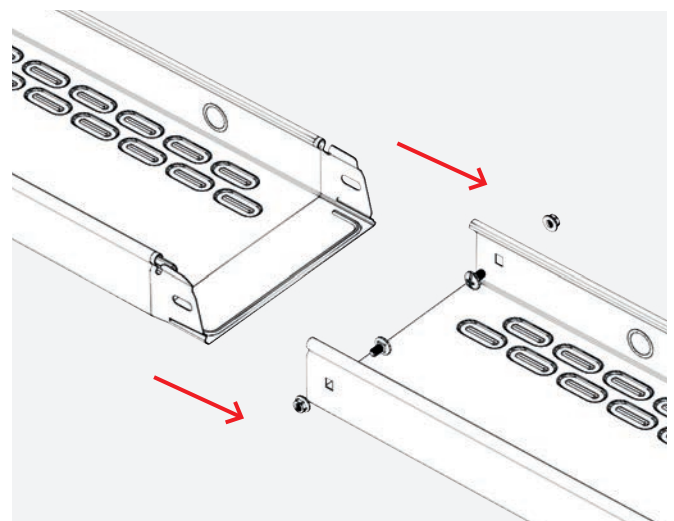
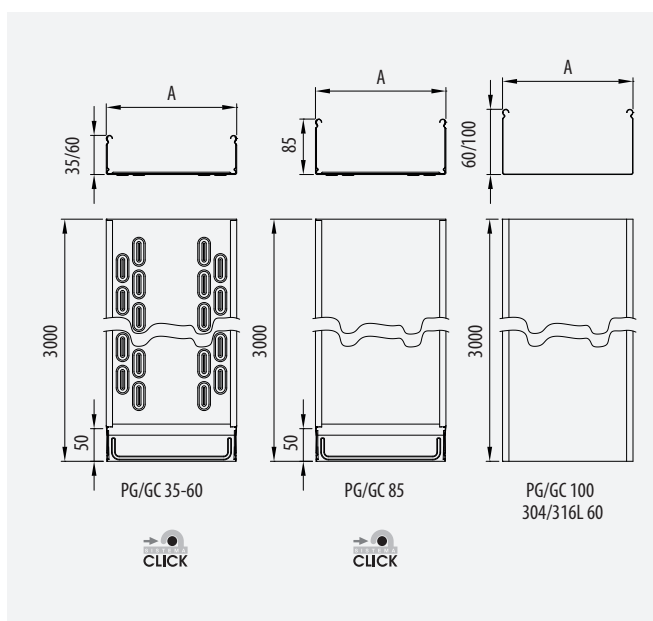
Metal embossed solid cable tray

Dalle de chemin de câble
pleine & emboutie

35, 60, 85, 100 • 60-600 • 3000



		PG	GC	304	316L	kg/m PG	kg/m GC	kg/m 304-316L	
35	100	75121100	75131100			0,702	0,885		24
	150	75121150	75131150			0,874	1,101		12
	200	75121200	75131200			1,262	1,536		12
	300	75121300	75131300			1,690	2,058		12
60	60	75122060	75132060			0,789	0,993		24
	100	75122100	75132100	76552100	76562100	0,901	1,135	0,949	24
	150	75122150	75132150	76552150	76562150	1,287	1,565	1,147	12
	200	75122200	75132200	76552200	76562200	1,500	1,826	1,345	12
	300	75122300	75132300	76552300	76562300	2,233	2,649	2,093	6
	400	75122400	75132400	76552400	76562400	2,741	3,252	2,572	6
	500	75122500	75132500	76552500	76562500	3,727	4,334	3,550	6
	600	75122600	75132600	76552600	76562600	4,635	5,391	4,116	6
85	200	75423200	75433200			1,832	2,225		6
	300	75423300	75433300			2,676	3,170		6
	400	75423400	75433400			3,736	4,329		6
	500	75423500	75433500			4,377	5,071		6
	600	75423600	75433600			5,018	5,814		6
100	100	75424100	75434100			1,504	1,828		12
	200	75424200	75434200			2,294	2,716		6
	300	75424300	75434300			2,843	3,366		6
	400	75424400	75434400			3,877	4,502		6
	500	75424500	75434500			4,505	5,231		6
	600	75424600	75434600			5,133	5,960		6
35-60-85		67010093	67030093	67060100 + 64060059	67060100 + 64060059	+ 058			
100 60 - (304, 316L)		71023005 / 93910003	71033005 / 93930003	93960002	93960002	+ 058			





pemsaband®

LX, SX

Datos técnicos

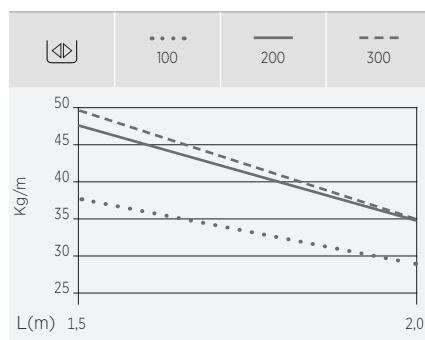
Technical data

Données techniques

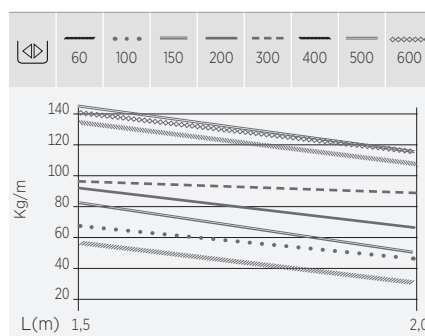


pemsaband® LX

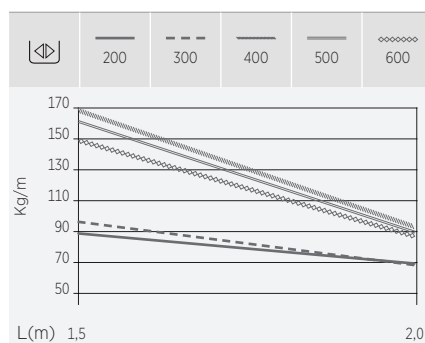
mm	mm	mm ²
35	100	3122
	150	4822
	200	6522
	300	9922
	400	13322



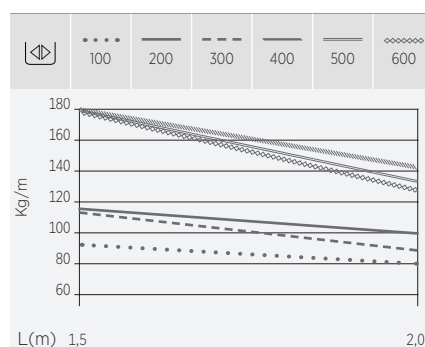
mm	mm	mm ²
60	60	3122
	100	5572
	150	8522
	200	11472
	300	17372
	400	23272
	600	35072



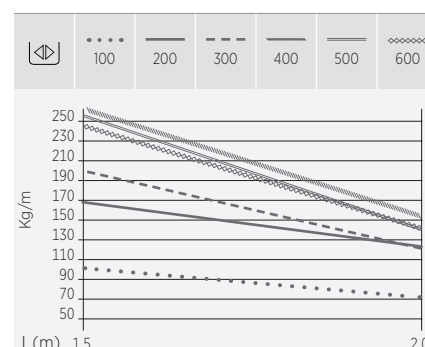
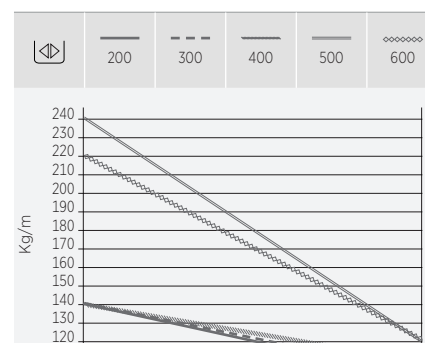
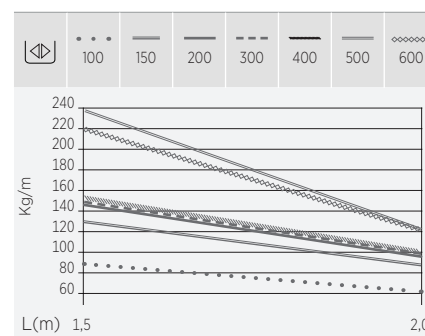
mm	mm	mm ²
85	200	16422
	300	24822
	400	33222
	500	41622
	600	50022



mm	mm	mm ²
100	100	9492
	200	19392
	300	29292
	400	39192
	500	49092
	600	58992



pemsaband® SX

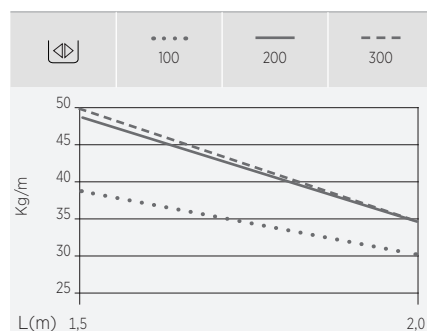




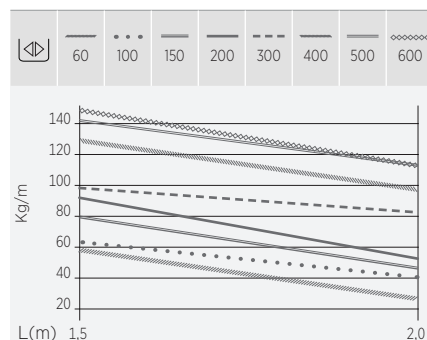
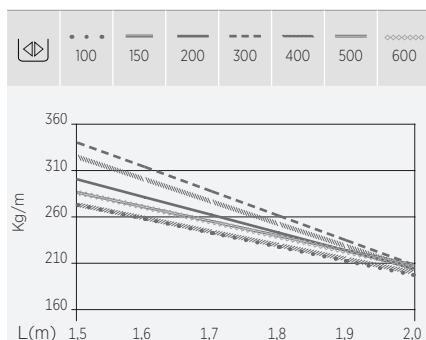
pemsaband® RX



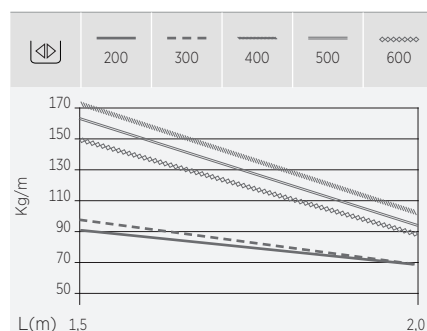
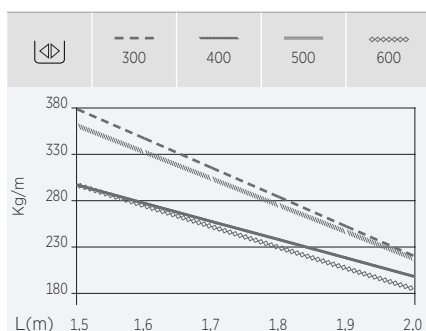
inducanal®



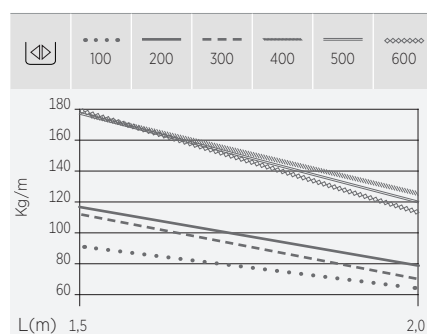
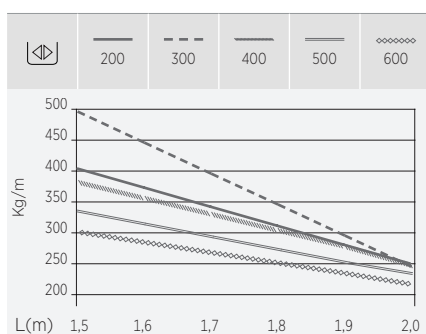
mm	mm	mm ²
35	100	3122
	150	4822
	200	6522
	300	9922
	400	13322



mm	mm	mm ²	e RX mm
60	60	3122	1,5
	100	5572	1,5
	150	8522	1,5
	200	11472	1,5
	300	17372	1,5
	400	23272	1,5
	500	29172	1,5
	600	35072	1,5



mm	mm	mm ²	e RX mm
85	200	16422	1,5
	300	24822	1,5
	400	33222	1,5
	500	41622	1,5
	600	50022	1,5



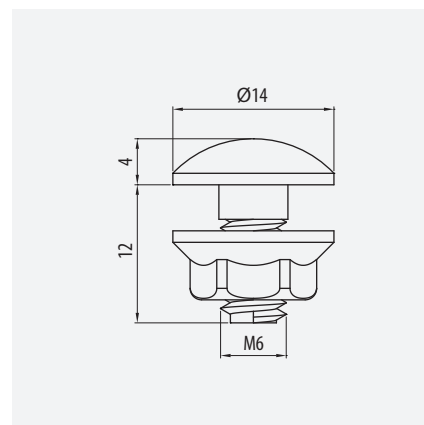
mm	mm	mm ²	e RX mm
100	100	9492	1,5
	200	19392	1,5
	300	29292	1,5
	400	39192	1,5
	500	49092	1,5
	600	58992	1,5




Kit Unión
pemsaband®
pemsaband®
 Joint Kit

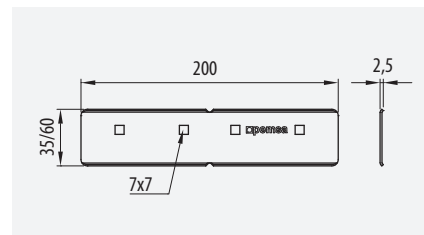
Éclisse
pemsaband®

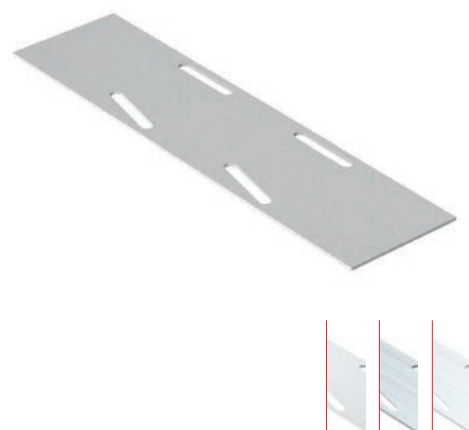

	M	Ref	kg/u	u
EZ	M6	67010093	0,008	100
GC	M6	67030093	0,009	100


Unión
pemsaband®
pemsaband®
 Coupler

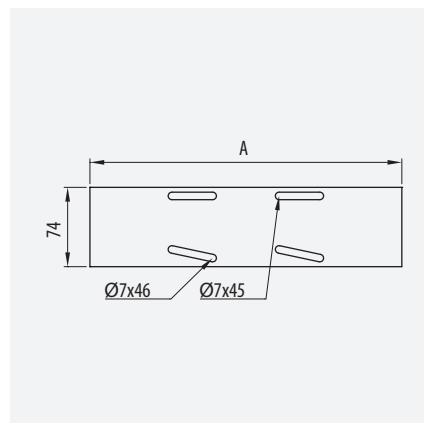
Éclisse
pemsaband®

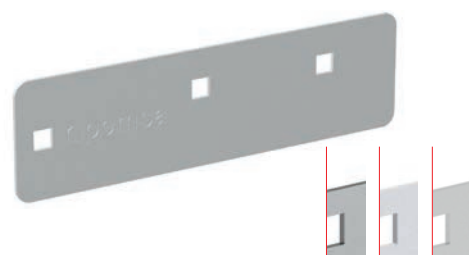

	A	Ref	kg/u	u
PG	35	71021005	0,040	50
	60	71022005	0,102	50
	85/100	71023005	0,154	25
GC	35	71031005	0,043	50
	60	71032005	0,118	50
	85/100	71033005	0,171	25
304	60	93950002	0,075	50
316L	60	93960002	0,075	50


Unión Central
pemsaband®
pemsaband®
 Central Joiner

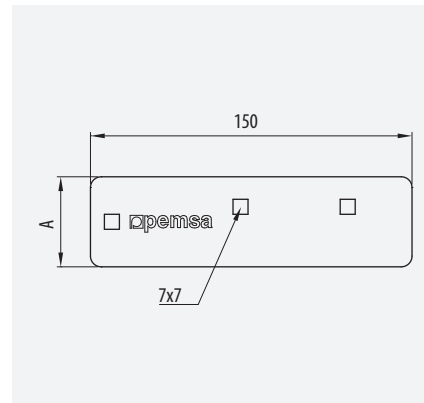
Eclisse
centrale
pemsaband®


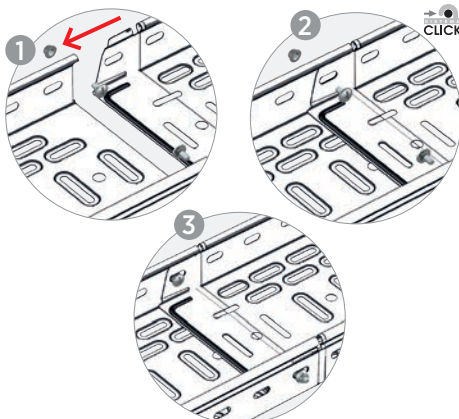
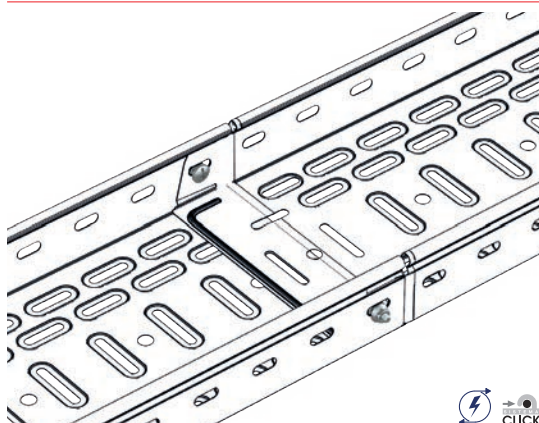
	A	Ref	kg/u	u
PG	300	71020300	0,371	10
	400	71020400	0,493	10
	500	71020500	0,615	10
	600	71020600	0,738	10
GC	300	71030300	0,390	10
	400	71030400	0,516	10
	500	71030500	0,645	10
	600	71030600	0,773	10
304	300	71050300	0,240	10
	400	71050400	0,323	10
	500	71050500	0,398	10
	600	71050600	0,480	10
316L	300	71160300	0,240	10
	400	71160400	0,323	10
	500	71160500	0,398	10
	600	71160600	0,480	10


Bisagra
pemsaband®
pemsaband®
 Riser/
 Dropper

Charnière
pemsaband®


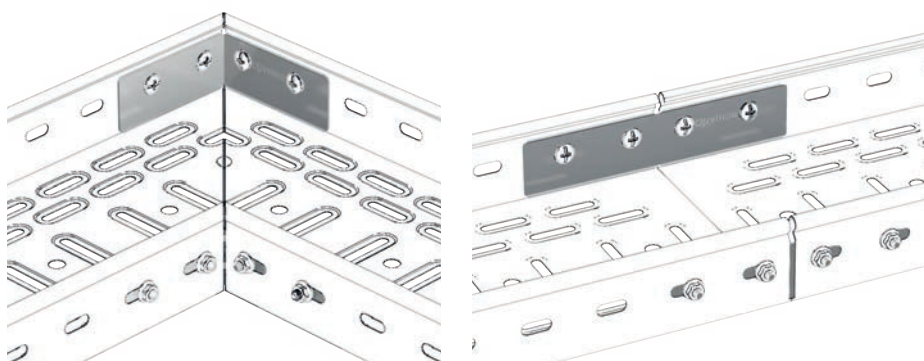
	A	Ref	kg/u	u
PG	35	71021006	0,028	4
	60	71022006	0,073	4
GC	35	71031006	0,031	4
	60	71032006	0,079	4
304	60	93950012	0,057	8
316L	60	93960012	0,057	8

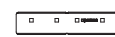




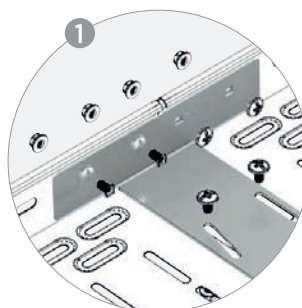
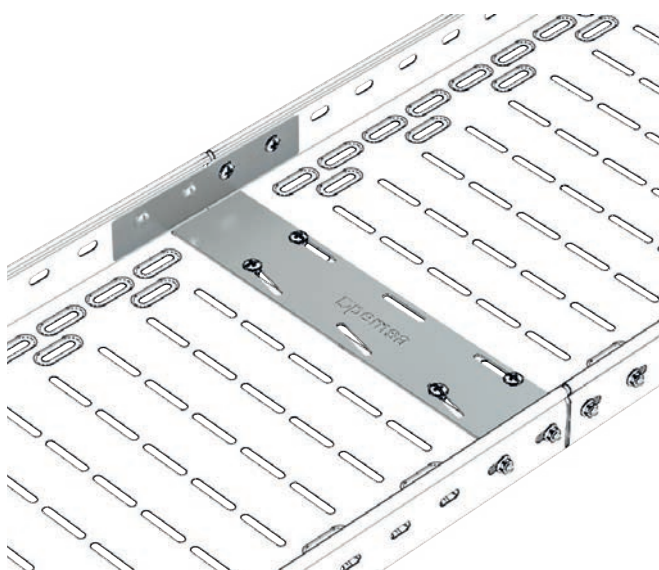
Sistema Click de Unión
Montaje Rápido
Click System.
Quick Assembly
Système click éclipse
Montage Rapide

Rápido!!
Quick
Rapide



 x 2  058
 x 8

Aumenta resistencia!!
Increased resistance
Augmente la résistance

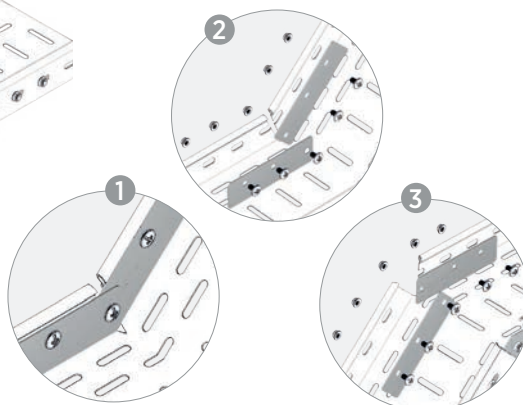
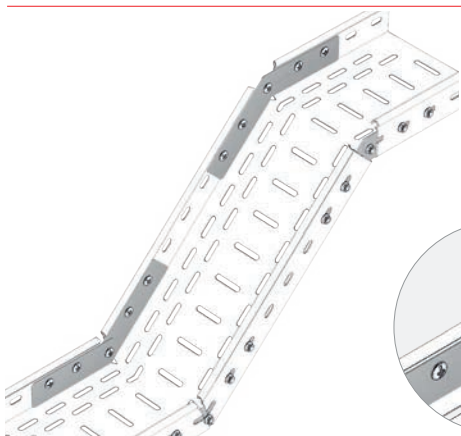


 x 2  058
 x 1
 x 12

Muy Resistente!!
Heavy Duty
Plus résistant

Adecuada para:
Suitable for:
Appropriée pour:

 300-600



 x 2  058
 x 10

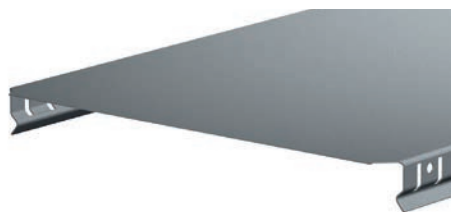
Ángulo ajustable!!
Adjustable angle
Angle ajustable
15°-30°-45°-60°-90°



Tapa Recta

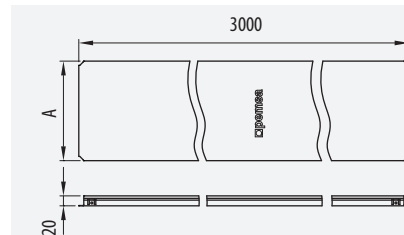
Straight Cover

Couvercle droit



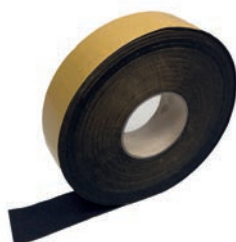
35-60-85-100 • 60-600

	A	Ref	kg/u	 u
PG	60	73021060	0,462	24
	100	73021100	0,653	24
	150	73021150	0,892	12
	200	73021200	1,131	12
	300	73021300	1,890	6
	400	73021400	2,452	6
	500	73021500	3,437	6
GC	600	73021600	4,078	6
	60	73031060	0,617	24
	100	73031100	0,872	24
	150	73031150	1,190	12
	200	73031200	1,507	12
	300	73031300	2,424	6
	400	73031400	3,823	6
304	450	73031450	3,556	6
	500	73031500	4,700	6
	600	73031600	5,577	6
	60	73051060	0,385	24
	100	73051100	0,544	24
	150	73051150	0,750	12
	200	73051200	0,957	12
	300	73051300	1,380	6
	400	73051400	2,116	6
	500	73051500	2,602	6
	600	73051600	3,577	6



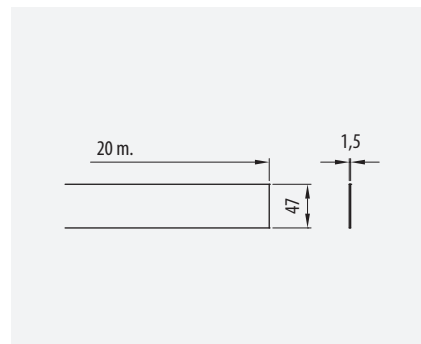
35-60-85-100 • 60-600

	A	Ref	kg/u	 u
316L	60	73061060	0,385	24
	100	73061100	0,544	24
	150	73061150	0,750	12
	200	73061200	0,957	12
	300	73061300	1,380	6
	400	73061400	2,116	6
	500	73061500	2,602	6
	600	73061600	3,577	6

Junta
Neopreno
IP65Neoprene
Gasket IP65Joint de
Néoprène
IP65

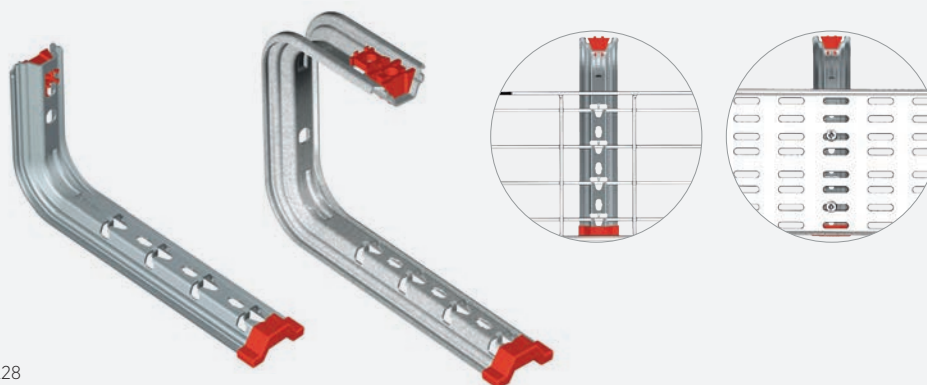
35-60-85-100 • 60-600

Ref	kg/u	 u
71000001	0,020	20



IDEA

Universal Omega Splus

IEC
61537

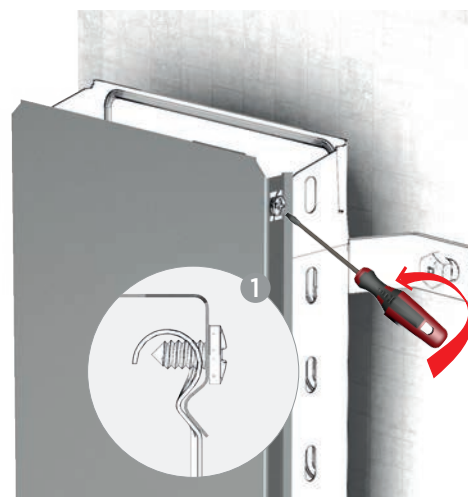
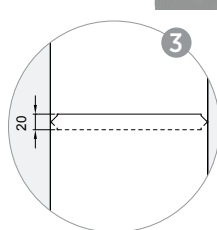
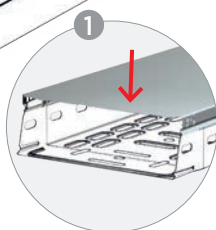
128

Compatibles con todas
las bandejas
Compatible with all trays
Compatible avec toutes
nos dalles de chemins
de câbles

Solape de Tapas. Mejora Estanqueidad!!

Covers overlap. Improved Sealing

Couvercle à pression, améliore l'étanchéité



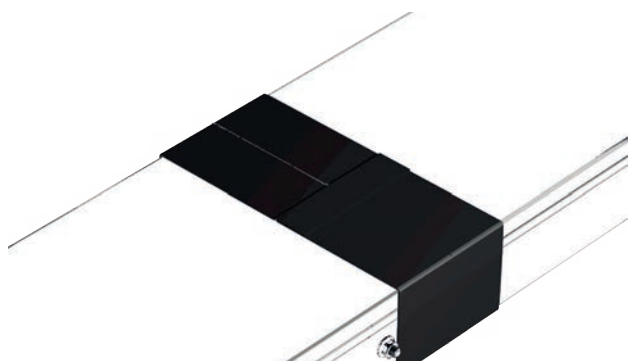
4,2x9,5

Solape de Tapas.
Mejora Estanqueidad.
Covers overlap.
Improved Sealing.
Couvercle pression
améliore l'étanchéité

Sistema Click. Sin fijaciones!!

Click System. No fixings are required

Système click Sans fixations



Fijación vertical segura!!

Safe vertical installation

Très bonne Fixation verticale

Máxima estanqueidad!!

Maximum tightness

Un maximum d'étanchéité



44-65



Metal RL - RR

IDEA 		
Tubos Rígidos Metálicos	Metal Rigid Conduits	Tubes rigides métalliques

EZ	GC	AL	304
----	----	----	-----

Alta Resistencia Mecánica
High Mechanical Resistance
Haute Résistance Mécanique



184



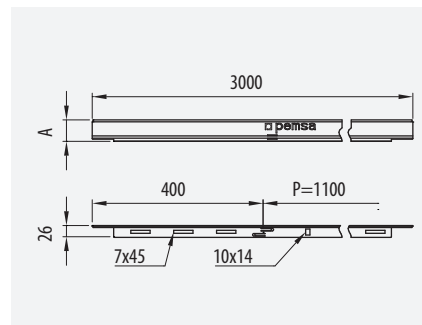
Tabique
Separador Click

Click
Divider

Cloison de
séparation
Click



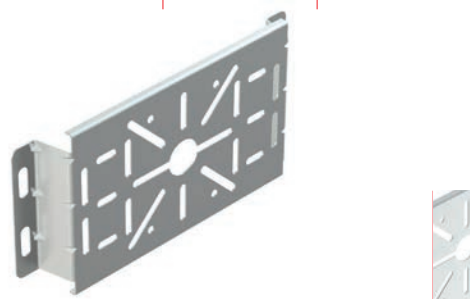
	A	Ref	kg/u	u
PG	25	67020610	0,212	60
	50	67020611	0,312	48
	80	67020612	0,444	36
GC	25	67030610	0,261	60
	50	67030611	0,384	48
	80	67030612	0,541	36
316L	25	67060610	0,207	60
	50	67060611	0,305	48
	80	67060612	0,430	36



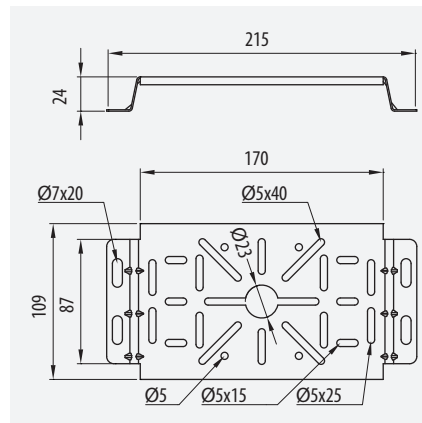
Soporte
Universal
pemsaband®

pemsaband®
Universal
Bracket

Support
Universel
pemsaband®



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



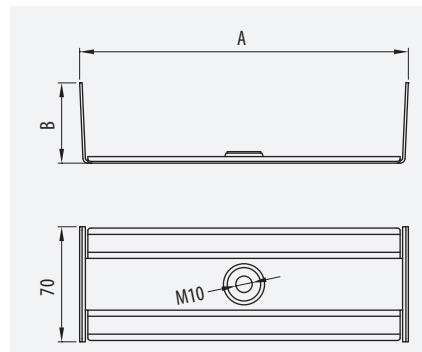
Suspensión
interior
pemsaband®

pemsaband®
Inside
Hanging
Plate

Suspension
intérieure
pemsaband®



	A	Ref	kg/u	u
PG	100	70122210	0,157	5
	150	70122215	0,198	5
	200	70122220	0,239	5
	300	70122230	0,321	5
	400	70122240	0,404	5
GC	100	70132210	0,167	5
	150	70132215	0,211	5
	200	70132220	0,255	5
	300	70132230	0,342	5
	400	70132240	0,431	5



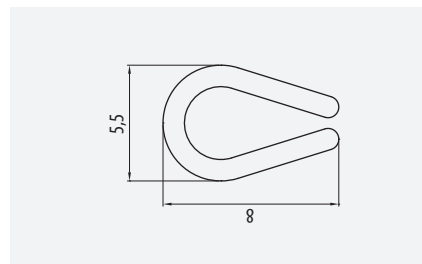
Perfil de
Protección
pemsaband®

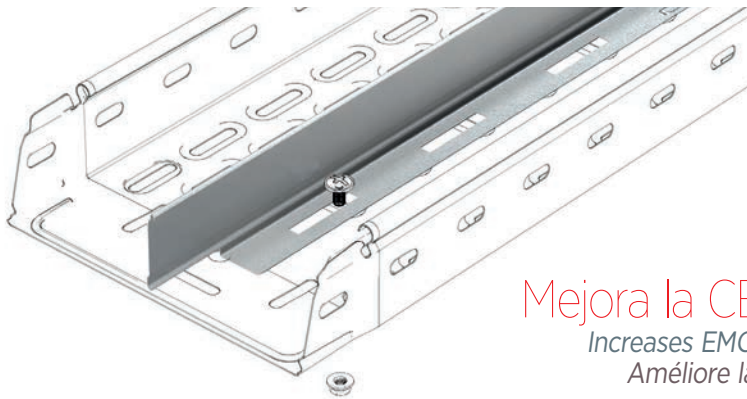
pemsaband®
Profile
Protector

Profil de
Protection
pemsaband®



Ref	kg/u	u
71000000	0,032	25





x 1 x m

058

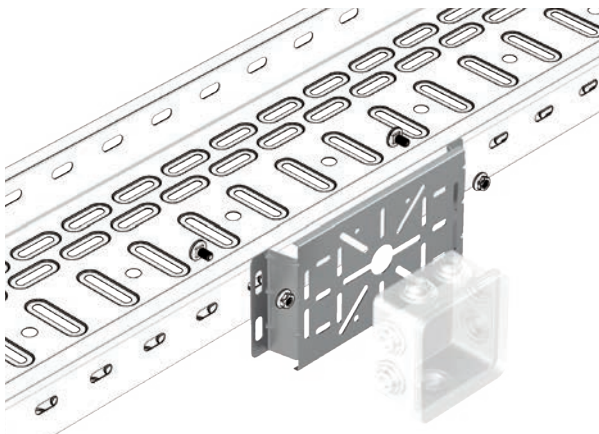
Organización de cables!!

Easy cable management
Compartment de câbles

Mejora la CEM!!

Increases EMC
Améliore la EMC

242



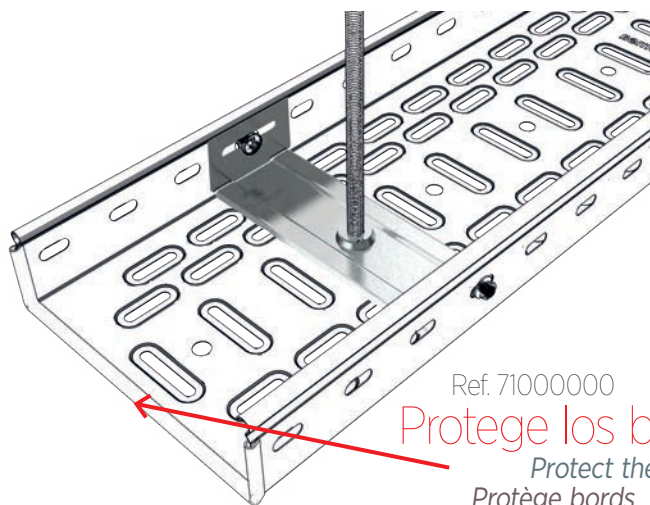
x 2

058

Versatil. Múltiples aplicaciones!!

Versatile. Multiple applications
Versatil. Multiples applications

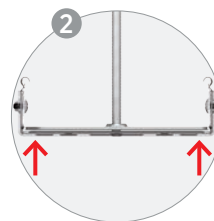
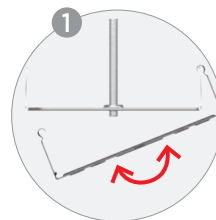
Cajas / Boxes / Caixas
Emergencias / Emergency Lightning / Armaduras de Emergência
Routers
Speakers



Ref. 71000000

Protege los bordes!!

Protect the edges
Protège bords



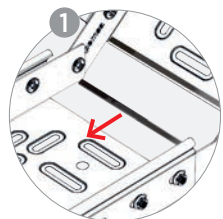
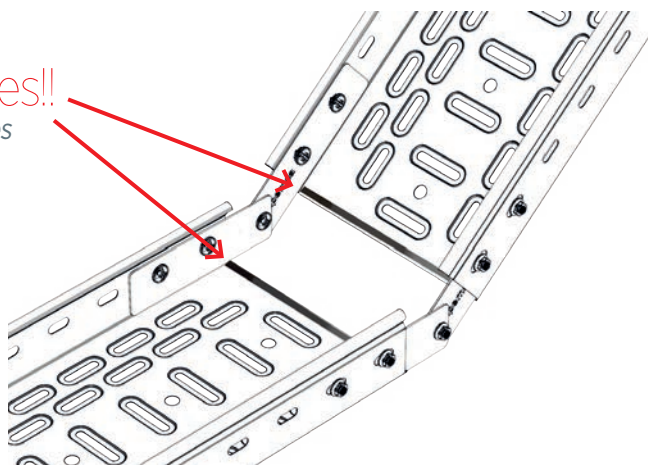
x 2

058

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

Hidden System.
The support is installed
inside the cable tray
Système de support à
l'intérieur de la dalle

Ref. 71000000
Protege los bordes!!
Protect the edges
Protège bords

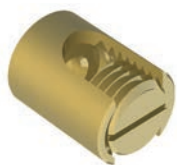




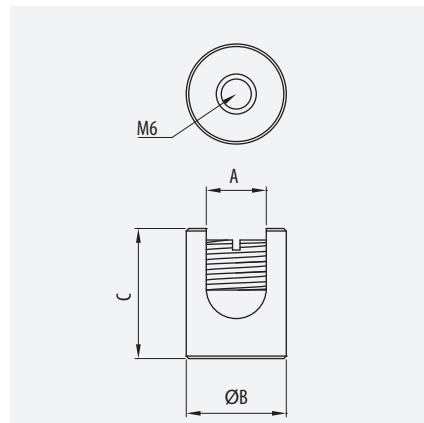
Borna Equi-
potencialidad

Bonding
Connector

Borne de terre



	A	Ref	kg/u	u
LAT	16-50	68000034	0,024	20
	50-110	68000035	0,043	20



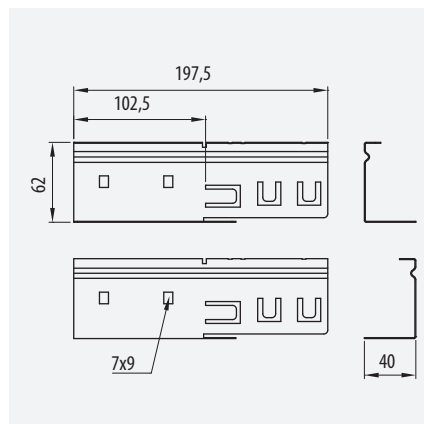
Unión
rejiband®-
pemsaband®

rejiband®-
pemsaband®
Coupler

Coupleur
rejiband®-
pemsaband®



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



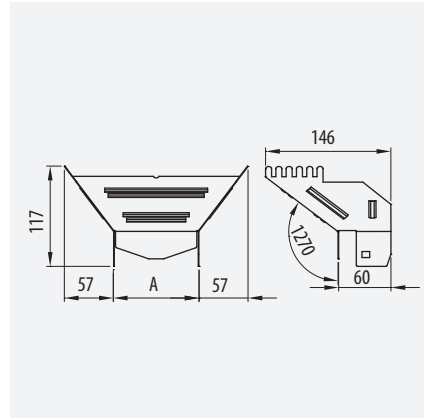
Derivación
rejiband®-
pemsaband®

Base Entry
rejiband®-
pemsaband®

Dérivation
rejiband®-
pemsaband®



	A	Ref	kg/u	u
PG	100	70027100	0,172	1
	150	70027150	0,240	1
GC	100	70037100	0,221	1
	150	70037150	0,294	1



IDEA

Tubos
Libres de
Halógenos

Halogen
Free
Conduits

Tubes
Libres sans
Halogène

Plastic RLH - CLH

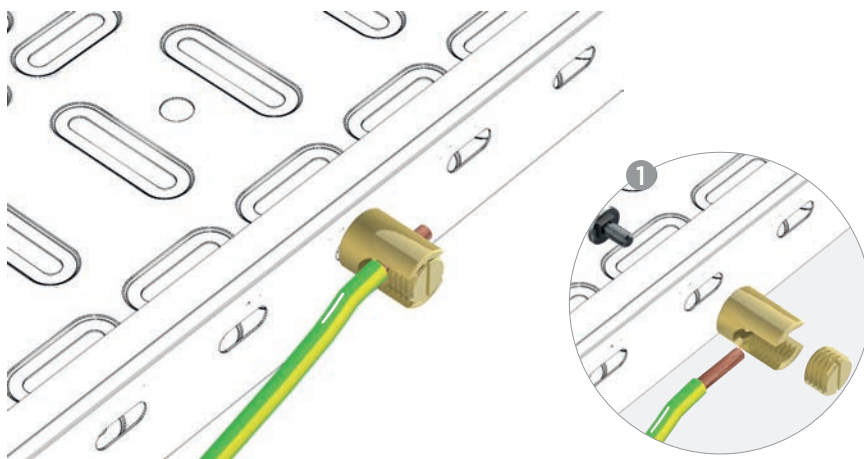


RLH cod. 4332
CLH cod. 2332



176, 180





058

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

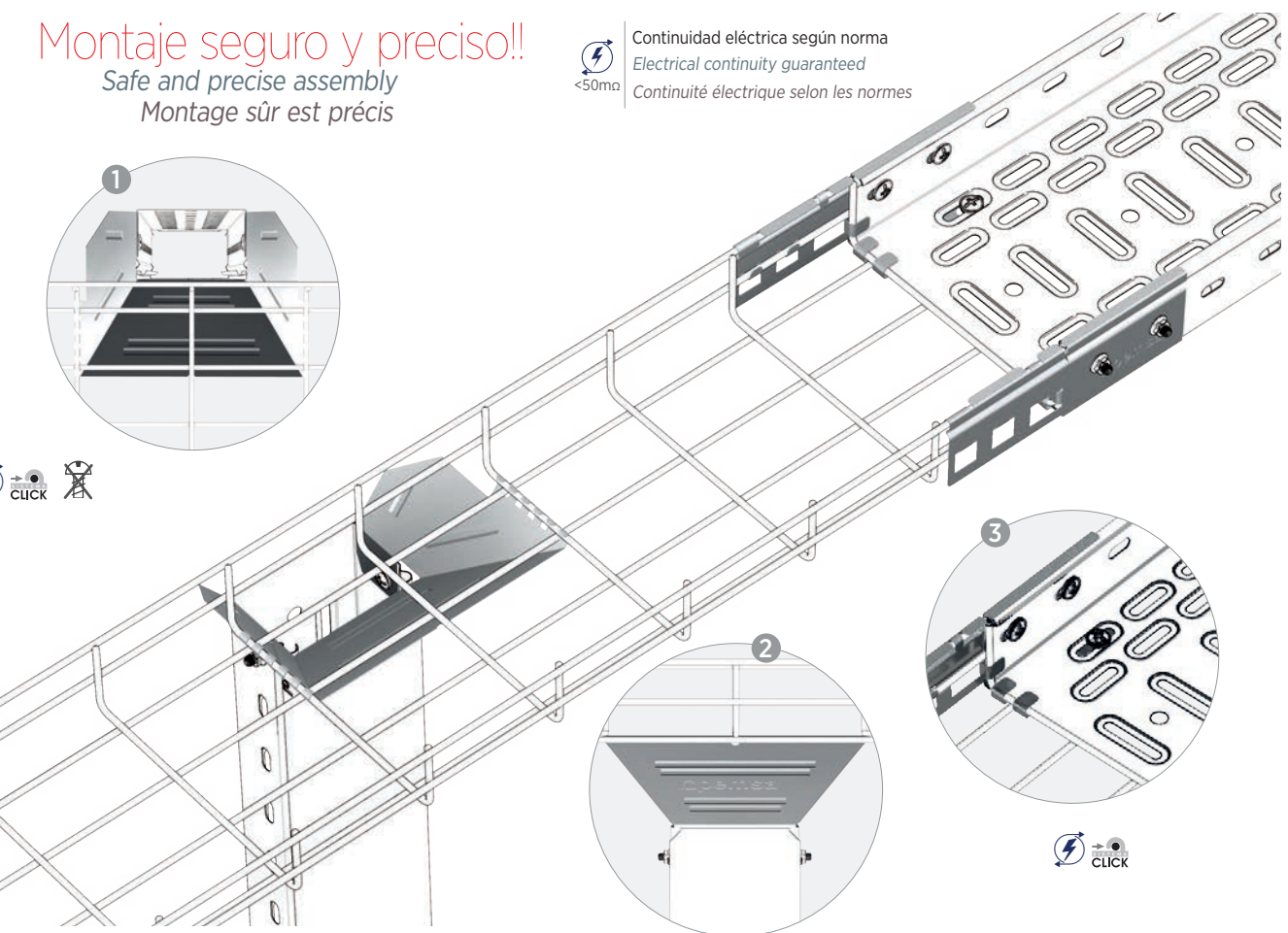
242

Montaje seguro y preciso!!

Safe and precise assembly
Montage sûr et précis



Continuidad eléctrica según norma
Electrical continuity guaranteed
Continuité électrique selon les normes



CLICK

rejiband®

IDEA



La bandeja
más segura

The Safest
Cable Tray

Chemin
de câble plus
fiable



+ Borde de Seguridad
+ Safety edge
+ Bord de sécurité



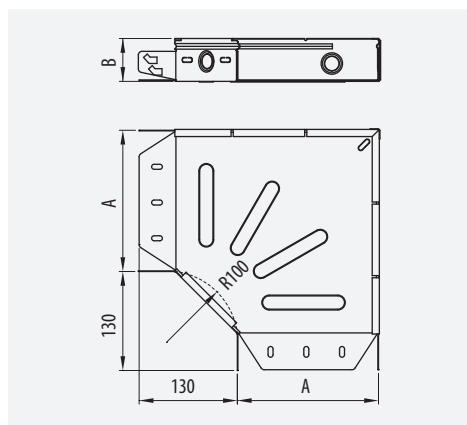
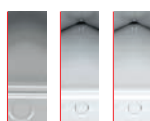
020



Curva 90°
Click

90° Bend
Click

Courbe à 90°
Click



	A	B	Ref	kg/u	u
PG	35	100	70020110	0,272	1
	35	150	70020115	0,419	1
	35	200	70020120	0,683	1
	35	300	70020130	1,152	1
	60	60	70020206	0,362	1
	60	100	70020210	0,362	1
	60	150	70020215	0,516	1
	60	200	70020220	0,809	1
	60	300	70020230	1,306	1
	60	400	70020240	1,912	1
	60	500	70020250	3,003	1
	60	600	70020260	3,947	1
	85	200	70020320	0,930	1
	85	300	70020330	1,455	1
	85	400	70020340	2,088	1
	85	500	70020350	3,198	1
	85	600	70020360	4,211	1
GC	100	100	70020410	0,443	1
	100	200	70020420	1,009	1
	100	300	70020430	1,550	1
	100	400	70020440	2,201	1
	100	500	70020450	3,385	1
	100	600	70020460	4,379	1
	35	100	70030110	0,358	1
GC	35	150	70030115	0,551	1
	35	200	70030120	0,879	1
	35	300	70030130	1,483	1



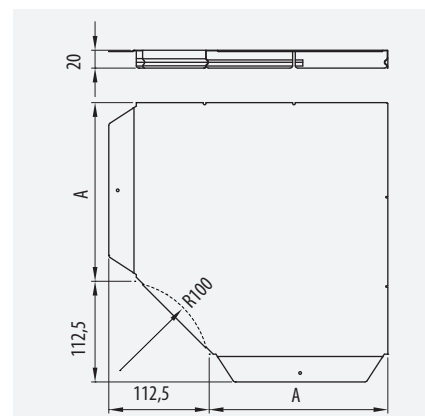
Tapa Curva
90° Click

90° Bend
Cover Click

Couvercle
courbe click 90°



	A	Ref	kg/u	u
PG	60	73020060	0,200	1
	100	73020100	0,200	1
	150	73020150	0,320	1
	200	73020200	0,543	1
	300	73020300	0,962	1
	400	73020400	1,491	1
	500	73020500	2,435	1
	600	73020600	3,292	1
GC	100	73030100	0,263	1
	150	73030150	0,421	1
	200	73030200	0,698	1
	300	73030300	1,237	1
	400	73030400	1,918	1
	500	73030500	2,741	1
304	600	73030600	3,703	1
	100	73050100	0,167	1
	150	73050150	0,267	1
	200	73050200	0,387	1
	300	73050300	0,687	1
	400	73050400	1,065	1
304	500	73050500	1,522	1
	600	73050600	2,058	1



	A	Ref	kg/u	u
316L	100	73060100	0,167	1
	150	73060150	0,267	1
	200	73060200	0,387	1
	300	73060300	0,687	1
	400	73060400	1,065	1
	500	73060500	1,522	1
316L	600	73060600	2,058	1

	A	B	Ref	kg/u	u
PG	35	100	70022110	0,347	1
	35	150	70022115	0,518	1
	35	200	70022120	0,823	1
	35	300	70022130	1,153	1
	60	100	70022210	0,450	1
	60	150	70022215	0,621	1
	60	200	70022220	0,949	1
	60	300	70022230	1,484	1
	60	400	70022240	2,126	1
	60	500	70022250	3,290	1
	60	600	70022260	4,275	1
	85	200	70022320	1,075	1
	85	300	70022330	1,622	1
	85	400	70022340	2,279	1
	85	500	70022350	3,479	1
	85	600	70022360	4,481	1
	100	100	70022410	0,581	1
	100	200	70022420	1,120	1
	100	300	70022430	1,667	1
	100	400	70022440	2,324	1
GC	100	500	70022450	3,533	1
	100	600	70022460	4,536	1
	35	100	70032110	0,457	1
	35	150	70032115	0,682	1
	35	200	70032120	1,060	1
	35	300	70032130	1,730	1
	60	100	70032210	0,592	1
	60	150	70032215	0,816	1
	60	200	70032220	1,223	1
	60	300	70032230	1,910	1
	60	400	70032240	2,737	1
	60	500	70032250	3,705	1
	60	600	70032260	4,815	1

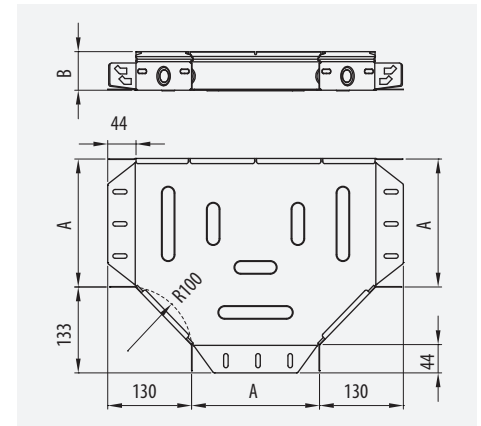
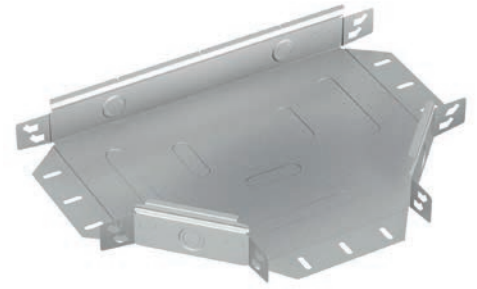
	A	B	Ref	kg/u	u
GC	85	200	70032320	1,383	1
	85	300	70032330	2,088	1
	85	400	70032340	2,933	1
	85	500	70032350	3,919	1
	85	600	70032360	5,046	1
	100	100	70032410	0,809	1
	100	200	70032420	1,201	1
	100	300	70032430	1,787	1
	100	400	70032440	2,491	1
	100	500	70032450	3,755	1
	100	600	70032460	4,820	1
304	60	100	70052210	0,368	1
	60	150	70052215	0,506	1
	60	200	70052220	0,664	1
	60	300	70052230	1,039	1
	60	400	70052240	1,493	1
	60	500	70052250	2,025	1
316L	60	600	70052260	2,636	1
	60	100	70062210	0,368	1
	60	150	70062215	0,506	1
	60	200	70062220	0,664	1
	60	300	70062230	1,039	1
	60	400	70062240	1,493	1
	60	500	70062250	2,025	1
	60	600	70062260	2,636	1



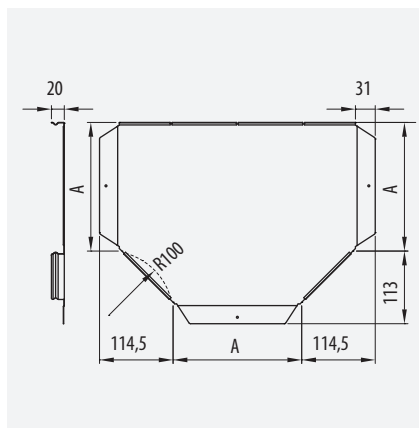
T Click

Tee Click

T Click



	A	Ref	kg/u	u
PG	100	73022100	0,266	1
	150	73022150	0,410	1
	200	73022200	0,674	1
	300	73022300	1,147	1
	400	73022400	1,730	1
	500	73022500	2,769	1
	600	73022600	3,687	1
GC	100	73032100	0,350	1
	150	73032150	0,539	1
	200	73032200	0,867	1
	300	73032300	1,476	1
	400	73032400	2,225	1
	500	73032500	3,117	1
304	600	73032600	4,150	1
	100	73052100	0,222	1
	150	73052150	0,342	1
	200	73052200	0,481	1
	300	73052300	0,819	1
	400	73052400	1,236	1
	500	73052500	1,731	1
	600	73052600	2,304	1



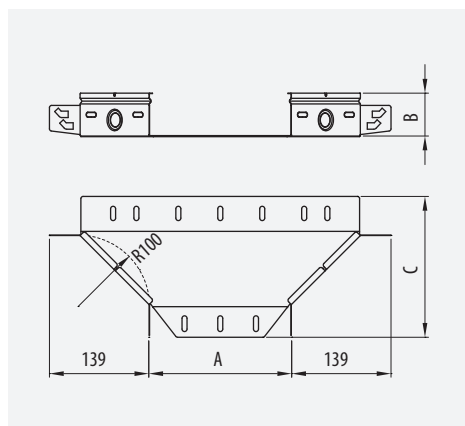
	A	Ref	kg/u	u
316L	100	73062100	0,222	1
	150	73062150	0,342	1
	200	73062200	0,481	1
	300	73062300	0,819	1
	400	73062400	1,236	1
	500	73062500	1,731	1
	600	73062600	2,304	1

Tapa T Click

Tee Cover Click

Couvercle T click




Derivación Click
Side Entry Click
Dérivation Click


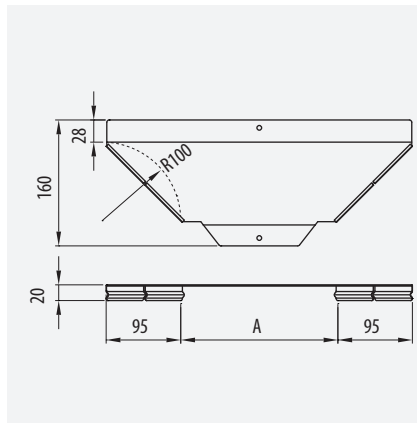
	A	B	Ref	kg/u	u
PG	35	100	70023110	0,215	1
	35	150	70023115	0,259	1
	35	200	70023120	0,357	1
	35	300	70023130	0,462	1
	60	60	70023206	0,212	1
	60	100	70023210	0,265	1
	60	150	70023215	0,310	1
	60	200	70023220	0,414	1
	60	300	70023230	0,519	1
	60	400	70023240	0,624	1
	60	500	70023250	0,833	1
	60	600	70023260	0,953	1
	85	200	70023320	0,476	1
	85	300	70023330	0,564	1
	85	400	70023340	0,686	1
	85	500	70023350	0,904	1
	85	600	70023360	1,024	1
	100	100	70023410	0,373	1
GC	100	200	70023420	0,511	1
	100	300	70023430	0,616	1
	100	400	70023440	0,721	1
	100	500	70023450	0,944	1
	100	600	70023460	1,064	1
	35	100	70033110	0,282	1
GC	35	150	70033115	0,343	1
	35	200	70033120	0,459	1
	35	300	70033130	0,594	1



	A	B	Ref	kg/u	u
GC	60	100	70033210	0,347	1
	60	150	70033215	0,407	1
	60	200	70033220	0,532	1
	60	300	70033230	0,668	1
	60	400	70033240	0,803	1
	60	500	70033250	0,938	1
	60	600	70033260	1,073	1
	85	200	70033320	0,612	1
	85	300	70033330	0,731	1
	85	400	70033340	0,851	1
	85	500	70033350	0,971	1
	85	600	70033360	1,091	1
	100	100	70033410	0,498	1
	100	200	70033420	0,621	1
	100	300	70033430	0,749	1
	100	400	70033440	0,876	1
	100	500	70033450	1,004	1
	100	600	70033460	1,131	1
304	60	100	70053210	0,237	1
	60	150	70053215	0,275	1
	60	200	70053220	0,313	1
	60	300	70053230	0,391	1
	60	400	70053240	0,468	1
	60	500	70053250	0,518	1
316L	60	600	70053260	0,592	1
	60	100	70063210	0,237	1
	60	150	70063215	0,275	1
	60	200	70063220	0,313	1
	60	300	70063230	0,391	1
	60	400	70063240	0,468	1
316L	60	500	70063250	0,518	1
	60	600	70063260	0,592	1

Tapa Derivación Click
Side Entry Cover Click
Couvercle de dérivation click

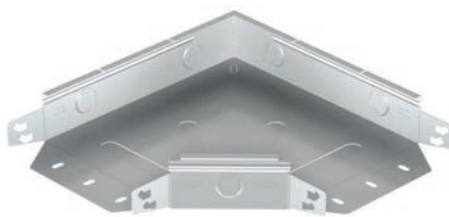

	A	Ref	kg/u	u
PG	60	73023060	0,100	1
	100	73023100	0,161	1
	150	73023150	0,198	1
	200	73023200	0,236	1
	300	73023300	0,363	1
	400	73023400	0,451	1
	500	73023500	0,616	1
	600	73023600	0,716	1
GC	100	73033100	0,228	1
	150	73033150	0,280	1
	200	73033200	0,412	1
	300	73033300	0,545	1
	400	73033400	0,677	1
	500	73033500	0,809	1
304	600	73033600	0,941	1
	100	73053100	0,134	1
	150	73053150	0,165	1
	200	73053200	0,197	1
	300	73053300	0,259	1
	400	73053400	0,322	1
316L	500	73053500	0,385	1
	600	73053600	0,448	1



	A	Ref	kg/u	u
316L	100	73063100	0,134	1
	150	73063150	0,165	1
	200	73063200	0,197	1
	300	73063300	0,259	1
	400	73063400	0,322	1
	500	73063500	0,385	1
316L	600	73063600	0,448	1



PG

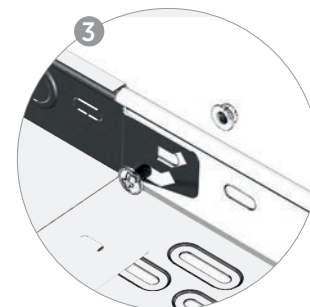


GC 304 316L



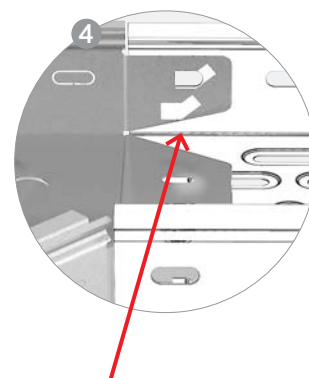
x 2

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Sistema Click: Sin Uniones!!

Click System: No couplers are required
Système click: Sans éclisses



Sistema Universal patentado. Válido para cualquier bandeja de chapa!!

Patented Universal System. Applies to any cable tray

Système Universel Patenteado. Valable pour toutes nos dalles de chemins de câbles



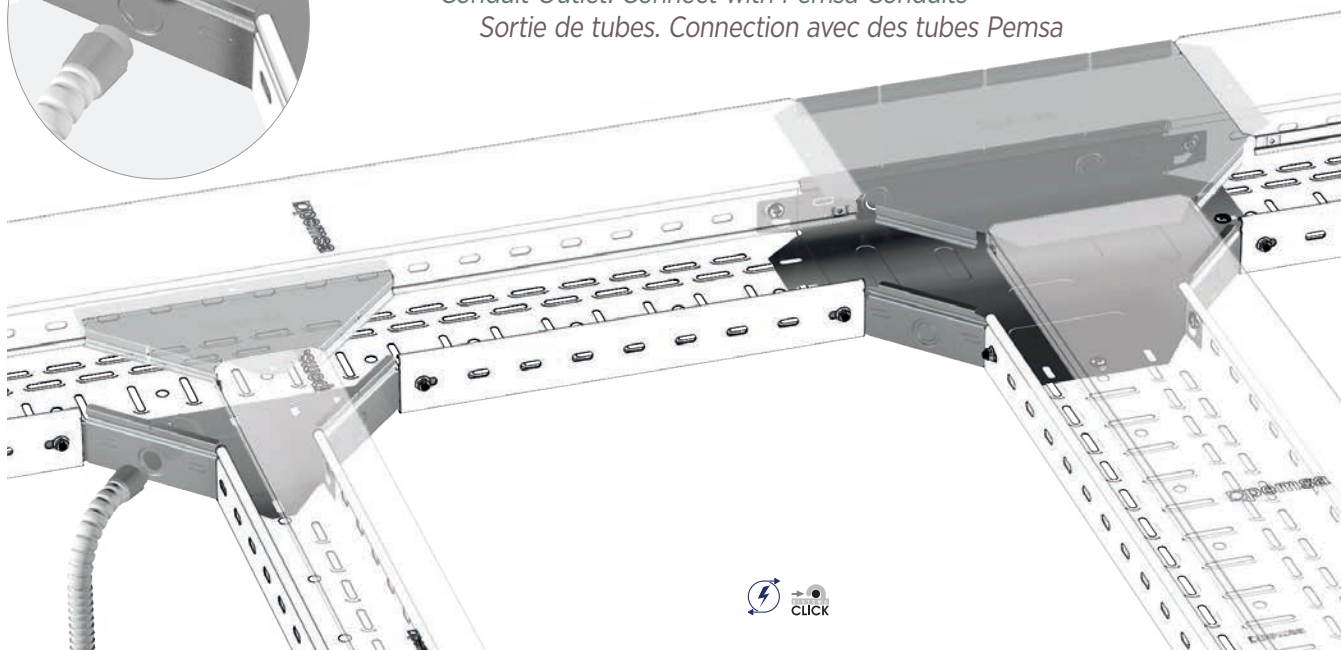
Salida de tubos!!

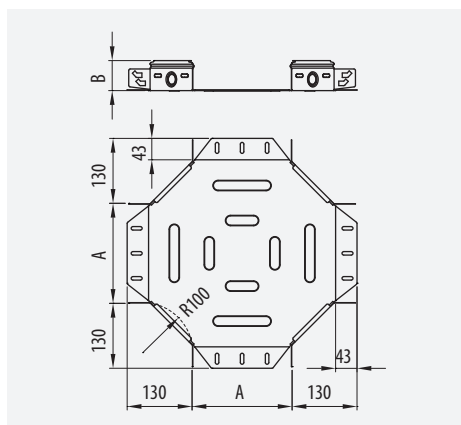
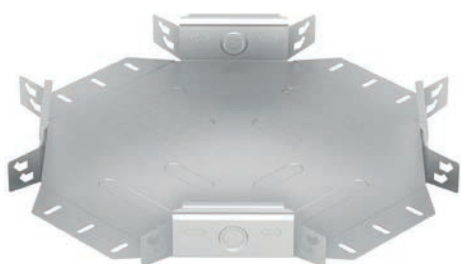
Conectar con Tubos Pensa.

Conduit Outlet. Connect with Pensa Conduits

Sortie de tubes. Connection avec des tubes Pensa

194-195



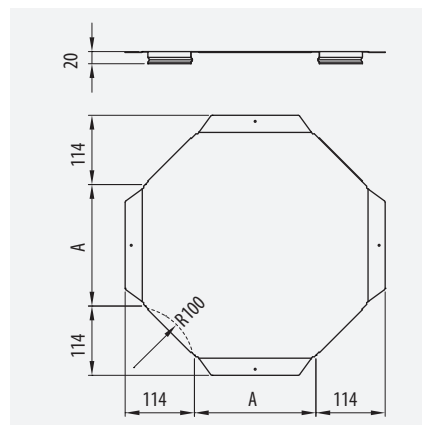
**Cruce Click****Crossover
Click****Croisement
Click**

	A	B	Ref	kg/u	u
PG	35	100	70024110	0,434	1
	35	150	70024115	0,630	1
	35	200	70024120	0,980	1
	35	300	70024130	1,777	1
	60	100	70024210	0,548	1
	60	150	70024215	0,735	1
	60	200	70024220	1,104	1
	60	300	70024230	1,918	1
	60	400	70024240	2,700	1
	60	500	70024250	3,608	1
	60	100	70024260	4,642	1
	85	200	70024320	1,228	1
	85	300	70024330	2,059	1
	85	400	70024340	2,841	1
	85	500	70024350	3,749	1
GC	85	600	70024360	4,783	1
	100	100	70024410	0,679	1
	100	200	70024420	1,247	1
	100	300	70024430	1,807	1
	100	400	70024440	2,831	1
	100	500	70024450	3,722	1
	100	600	70024460	4,739	1
	35	100	70034110	0,570	1
	35	150	70034115	0,826	1
	35	200	70034120	1,260	1
	35	300	70034130	2,000	1
	60	100	70034210	0,720	1
	60	150	70034215	0,965	1
	60	200	70034220	1,420	1
	60	300	70034230	2,159	1
	60	400	70034240	3,039	1
	60	500	70034250	4,061	1
	60	600	70034260	5,225	1

	A	B	Ref	kg/u	u
GC	85	200	70034320	1,579	1
	85	300	70034330	2,318	1
	85	400	70034340	3,198	1
	85	500	70034350	4,220	1
	85	600	70034360	5,384	1
	100	100	70034410	0,907	1
	100	200	70034420	1,337	1
	100	300	70034430	1,937	1
	100	400	70034440	3,009	1
	100	500	70034450	3,957	1
304	100	600	70034460	5,038	1
	60	100	70054210	0,431	1
	60	150	70054215	0,583	1
	60	200	70054220	0,753	1
	60	300	70054230	1,153	1
	60	400	70054240	1,631	1
316L	60	500	70054250	2,189	1
	60	600	70054260	2,824	1
	60	100	70064210	0,431	1
	60	150	70064215	0,583	1
	60	200	70064220	0,753	1
	60	300	70064230	1,153	1
	60	400	70064240	1,631	1
	60	500	70064250	2,189	1
	60	600	70064260	2,824	1

**Tapa Cruce
Click****Crossover
Cover Click****Couvercle de
croisement
click**

	A	Ref	kg/u	u
PG	100	73024100	0,344	1
	150	73024150	0,511	1
	200	73024200	0,818	1
	300	73024300	1,537	1
	400	73024400	2,265	1
	500	73024500	3,119	1
GC	600	73024600	4,094	1
	100	73034100	0,452	1
	150	73034150	0,671	1
	200	73034200	1,052	1
	300	73034300	1,730	1
	400	73034400	2,550	1
304	500	73034500	3,511	1
	600	73034600	4,608	1
	100	73054100	0,287	1
	150	73054150	0,426	1
	200	73054200	0,584	1
	300	73054300	0,961	1
316L	400	73054400	1,416	1
	500	73054500	1,949	1
	600	73054600	2,559	1



	A	Ref	kg/u	u
316L	100	73064100	0,287	1
	150	73064150	0,426	1
	200	73064200	0,584	1
	300	73064300	0,961	1
	400	73064400	1,416	1
	500	73064500	1,949	1
316L	600	73064600	2,559	1

	A	B	Ref	kg/u	u
PG	35	100	70025110	0,248	1
	35	150	70025115	0,340	1
	35	200	70025120	0,561	1
	35	300	70025130	0,790	1
	60	60	70025206	0,276	1
	60	100	70025210	0,356	1
	60	150	70025215	0,452	1
	60	200	70025220	0,548	1
	60	300	70025230	0,862	1
	60	400	70025240	1,085	1
	60	500	70025250	1,495	1
	60	100	70025260	1,750	1
	85	200	70025320	0,796	1
	85	300	70025330	1,039	1
	85	400	70025340	1,281	1
	85	500	70025350	1,740	1
	85	600	70025360	2,017	1
GC	100	100	70025410	0,472	1
	100	200	70025420	0,873	1
	100	300	70025430	1,121	1
	100	400	70025440	1,368	1
	100	500	70025450	1,846	1
	100	600	70025460	2,128	1
	35	100	70035110	0,331	1
	35	150	70035115	0,453	1
	35	200	70035120	0,641	1
	35	300	70035130	0,903	1

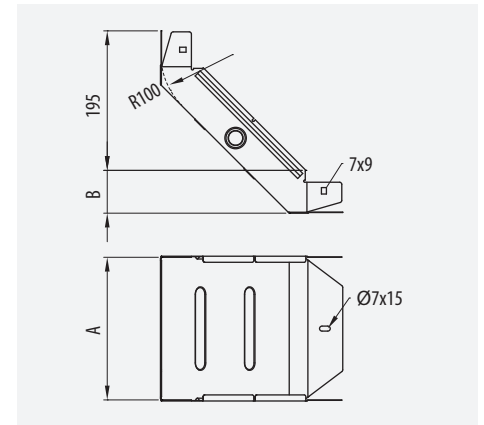


	A	B	Ref	kg/u	u
GC	60	100	70035210	0,468	1
	60	150	70035215	0,593	1
	60	200	70035220	0,822	1
	60	300	70035230	1,109	1
	60	400	70035240	1,396	1
	60	500	70035250	1,683	1
	60	600	70035260	1,970	1
	85	200	70035320	1,024	1
	85	300	70035330	1,336	1
	85	400	70035340	1,648	1
	85	500	70035350	1,959	1
	85	600	70035360	2,271	1
	100	100	70035410	0,630	1
	100	200	70035420	0,936	1
	100	300	70035430	1,201	1
	100	400	70035440	1,466	1
	100	500	70035450	1,962	1
	100	600	70035460	2,262	1
304	60	100	70055210	0,297	1
	60	150	70055215	0,377	1
	60	200	70055220	0,456	1
	60	300	70055230	0,616	1
	60	400	70055240	0,775	1
	60	500	70055250	0,934	1
316L	60	600	70055260	1,094	1
	60	100	70065210	0,297	1
	60	150	70065215	0,377	1
	60	200	70065220	0,456	1
	60	300	70065230	0,616	1
	60	400	70065240	0,775	1
316L	60	500	70065250	0,934	1
	60	600	70065260	1,094	1

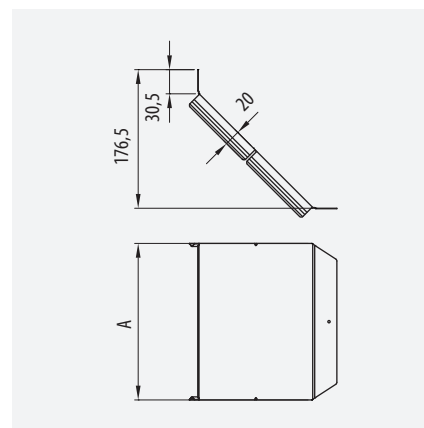
Cambio de Nivel CNC Click

Inside Riser Click

Changement de niveau click



	A	Ref	kg/u	u
PG	60	73025060	0,100	1
	100	73025100	0,153	1
	150	73025150	0,216	1
	200	73025200	0,326	1
	300	73025300	0,472	1
	400	73025400	0,622	1
	500	73025500	0,873	1
	600	73025600	1,171	1
GC	100	73035100	0,201	1
	150	73035150	0,284	1
	200	73035200	0,419	1
	300	73035300	0,608	1
	400	73035400	0,800	1
	500	73035500	0,983	1
304	600	73035600	1,171	1
	100	73055100	0,128	1
	150	73055150	0,180	1
	200	73055200	0,233	1
	300	73055300	0,367	1
	400	73055400	0,441	1
316L	500	73055500	0,546	1
	600	73055600	0,732	1

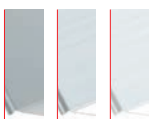


	A	Ref	kg/u	u
316L	100	73065100	0,128	1
	150	73065150	0,180	1
	200	73065200	0,233	1
	300	73065300	0,367	1
	400	73065400	0,441	1
	500	73065500	0,546	1
316L	600	73065600	0,732	1

Tapa Cambio de Nivel CNC Click

Inside Riser Cover Click

Couvercle changement de niveau

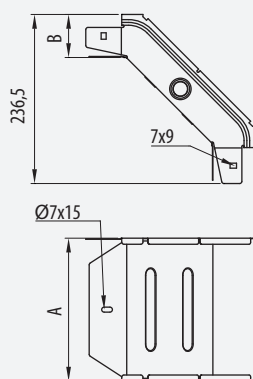




Cambio de Nivel CNV Click

Inside Riser Click

Changement de niveau click



	A	B	Ref	kg/u	u
PG	35	100	70026110	0,236	1
	35	150	70026115	0,310	1
	35	200	70026120	0,444	1
	35	300	70026130	0,694	1
	60	60	70026206	0,227	1
	60	100	70026210	0,287	1
	60	150	70026215	0,352	1
	60	200	70026220	0,486	1
	60	300	70026230	0,636	1
	60	400	70026240	0,786	1
	60	500	70026250	1,070	1
	60	100	70026260	1,242	1
	85	200	70026320	0,436	1
	85	300	70026330	0,639	1
	85	400	70026340	0,769	1
	85	500	70026350	0,900	1
	85	600	70026360	1,177	1
	100	100	70026410	0,338	1
GC	100	200	70026420	0,509	1
	100	300	70026430	0,622	1
	100	400	70026440	0,728	1
	100	500	70026450	0,967	1
	100	600	70026460	1,095	1
	35	100	70036110	0,310	1
GC	35	150	70036115	0,407	1
	35	200	70036120	0,571	1
	35	300	70036130	0,781	1



	A	B	Ref	kg/u	u
GC	60	100	70036210	0,377	1
	60	150	70036215	0,468	1
	60	200	70036220	0,625	1
	60	300	70036230	0,818	1
	60	400	70036240	1,011	1
	60	500	70036250	1,205	1
	60	600	70036260	1,398	1
	85	200	70036320	0,654	1
	85	300	70036330	0,822	1
	85	400	70036340	0,988	1
	85	500	70036350	1,157	1
	85	600	70036360	1,325	1
	100	100	70036410	0,452	1
	100	200	70036420	0,546	1
	100	300	70036430	0,666	1
	100	400	70036440	0,781	1
	100	500	70036450	1,028	1
	100	600	70036460	1,164	1
304	60	100	70056210	0,239	1
	60	150	70056215	0,293	1
	60	200	70056220	0,347	1
	60	300	70056230	0,454	1
	60	400	70056240	0,561	1
	60	500	70056250	0,669	1
316L	60	600	70056260	0,776	1
	60	100	70066210	0,239	1
	60	150	70066215	0,293	1
	60	200	70066220	0,347	1
	60	300	70066230	0,454	1
	60	400	70066240	0,561	1
316L	60	500	70066250	0,669	1
	60	600	70066260	0,776	1

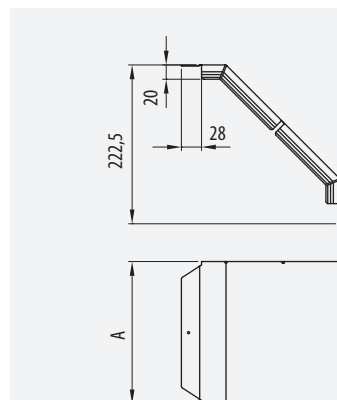
Tapa Cambio de Nivel CNV Click

Inside Riser Cover Click

Couvercle click changement de niveau



	A	Ref	kg/u	u
PG	60	73026060	0,192	1
	100	73026100	0,204	1
	150	73026150	0,287	1
	200	73026200	0,431	1
	300	73026300	0,623	1
	400	73026400	0,816	1
	500	73026500	1,152	1
	600	73026600	1,372	1
	100	73036100	0,268	1
	150	73036150	0,376	1
GC	200	73036200	0,554	1
	300	73036300	0,802	1
	400	73036400	1,049	1
	500	73036500	1,297	1
	600	73036600	1,545	1
	100	73056100	0,170	1
304	150	73056150	0,239	1
	200	73056200	0,308	1
	300	73056300	0,444	1
	400	73056400	0,583	1
	500	73056500	0,720	1
	600	73056600	0,858	1

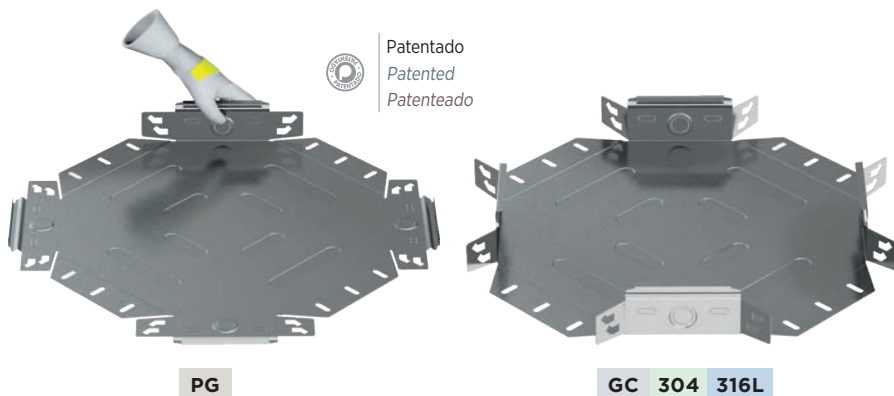


	A	Ref	kg/u	u
316L	100	73066100	0,170	1
	150	73066150	0,239	1
	200	73066200	0,308	1
	300	73066300	0,444	1
	400	73066400	0,583	1
	500	73066500	0,720	1
316L	600	73066600	0,858	1



x 2

058



Sistema Click: Sin Uniones!!

Click System: No couplers are required
Système click sans éclisses

Sistema Universal patentado.

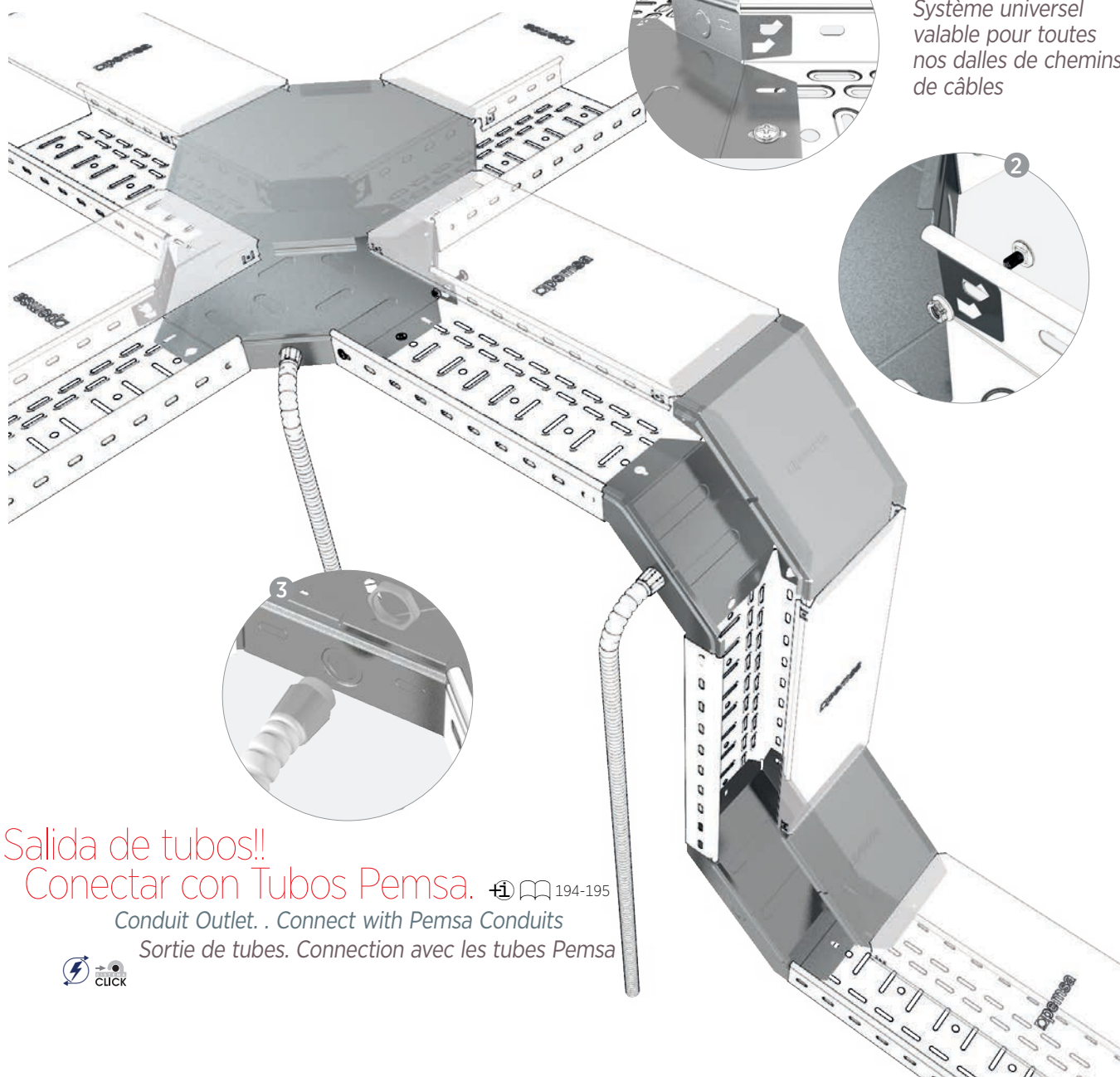
Válido para cualquier
bandeja de chapa

Patented Universal
System. Applies to any
cable trays

Système universel
valable pour toutes
nos dalles de chemins
de câbles

Se suministra plano.
Ahorro en transporte y espacio!!

Supplied flat. Savings on transportation and space.
Un plan est fourni. Gain de place



Salida de tubos!!

Conectar con Tubos Pemsa. 194-195

Conduit Outlet. . Connect with Pemsa Conduits
Sortie de tubes. Connection avec les tubes Pemsa

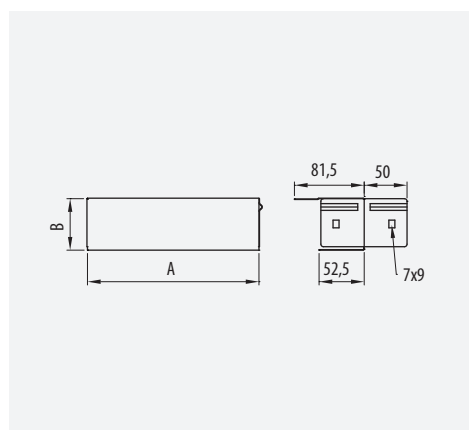
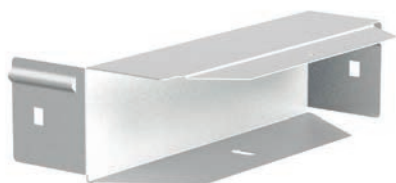




Reducción
pemsaband®

Reducer
pemsaband®

Réducteur
pemsaband®



35-60-85-100 • 100-600

	A	B	Ref	kg/u	u
PG	35	100	71021010	0,074	1
	35	150	71021015	0,109	1
	35	200	71021020	0,159	1
	35	300	71021030	0,237	1
	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
GC	100	400	71024040	0,759	1
	100	500	71024050	0,934	1
	100	600	71024060	1,110	1
	35	100	71031010	0,092	1
	35	150	71031015	0,136	1
	35	200	71031020	0,199	1
	35	300	71031030	0,297	1
	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	500	71032050	0,784	1
	60	600	71032060	0,935	1

35-60-85-100 • 100-600

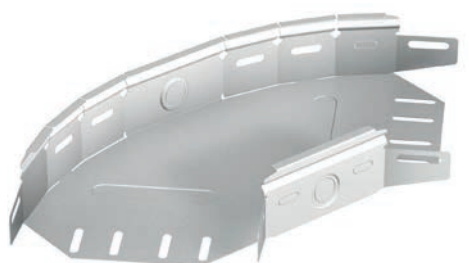
	A	B	Ref	kg/u	u
GC	85	200	71033020	0,392	1
	85	300	71033030	0,563	1
	85	400	71033040	0,735	1
	85	500	71033050	0,907	1
	85	600	71033060	1,079	1
	100	100	71034010	0,245	1
	100	200	71034020	0,429	1
	100	300	71034030	0,613	1
	100	400	71034040	0,797	1
	100	500	71034050	0,982	1
304	60	100	71052010	0,080	1
	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
316L	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



Curva
Ajustable
Click

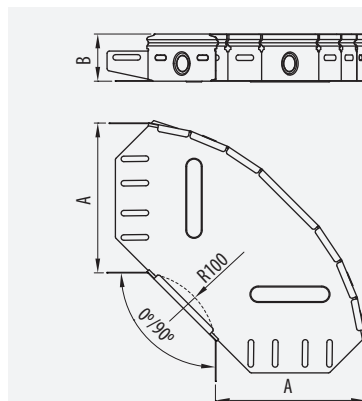
Adjustable
Bend Click

Courbe
Ajustable
Click



35-60 • 100-300

	A	B	Ref	kg/u	u
PG	35	100	70028110	0,224	1
	35	150	70028115	0,361	1
	35	200	70028120	0,486	1
	35	300	70028130	0,849	1
	60	100	70028210	0,297	1
	60	150	70028215	0,448	1
	60	200	70028220	0,574	1
	60	300	70028230	0,965	1
	35	100	70038110	0,240	1
	35	150	70038115	0,386	1
GC	35	200	70038120	0,521	1
	35	300	70038130	0,910	1
	60	100	70038210	0,318	1
	60	150	70038215	0,480	1
	60	200	70038220	0,615	1
	60	300	70038230	1,034	1
304	60	100	70058210	0,212	1
	60	150	70058215	0,320	1
	60	200	70058220	0,410	1
	60	300	70058230	0,500	1



35-60 • 100-300

	A	B	Ref	kg/u	u
316L	60	100	70068210	0,212	1
	60	150	70068215	0,320	1
	60	200	70068220	0,410	1
	60	300	70068230	0,500	1

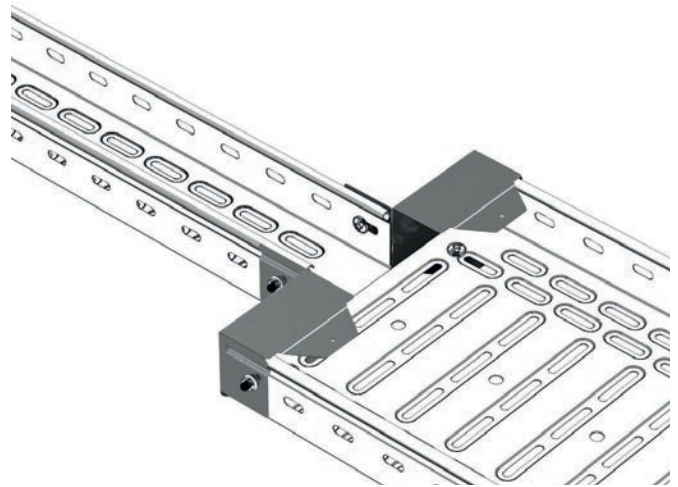


x 3

±1 058

Acabado profesional!!

Professional finish
Finition professionnelle



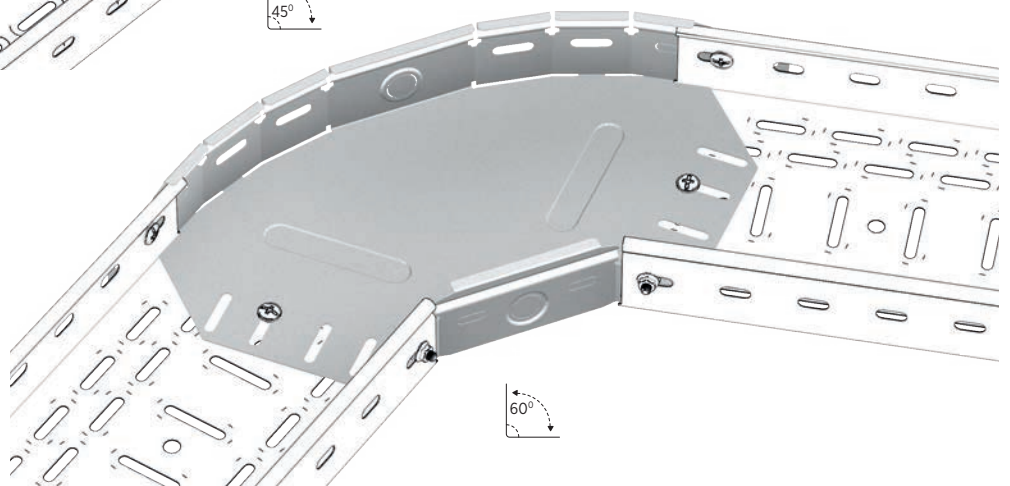
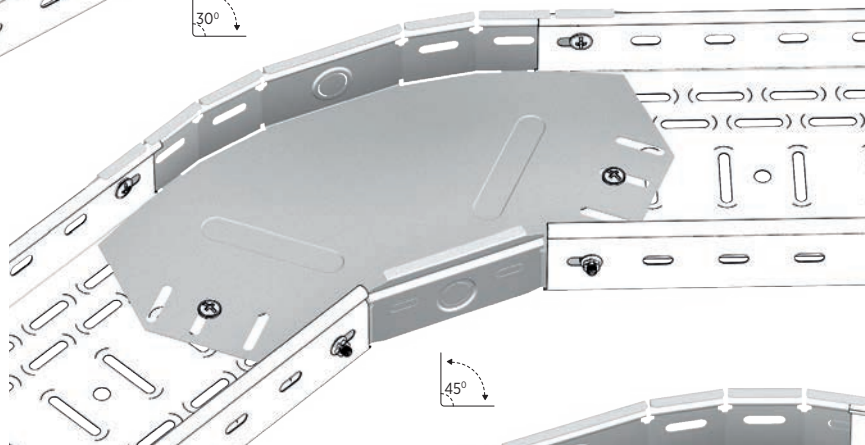
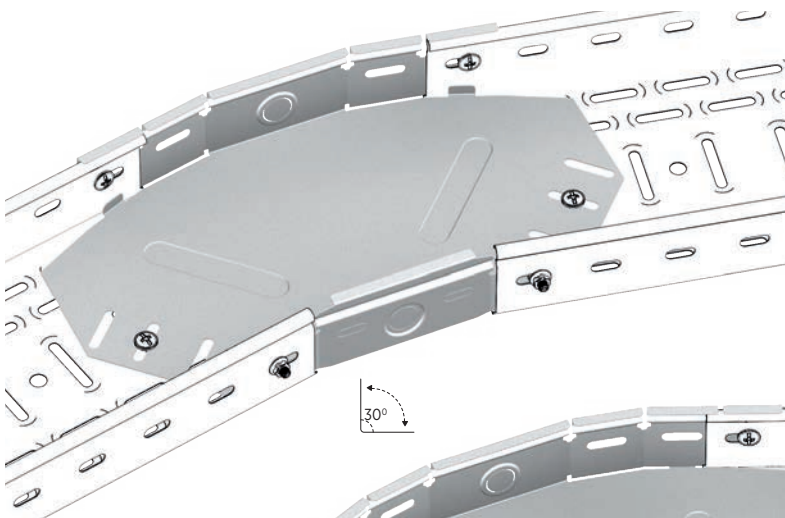
x 6

±1 058

Ángulo Variable 0°-90°!!

Adjustable Angle 0°-90°

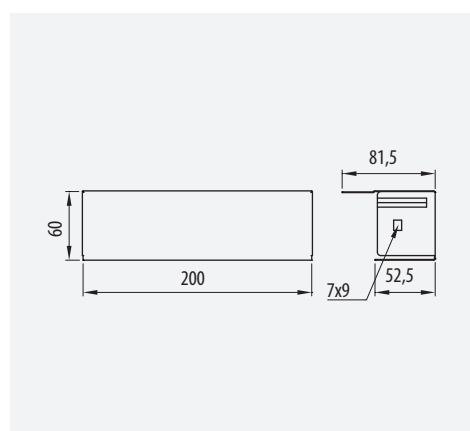
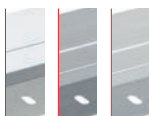
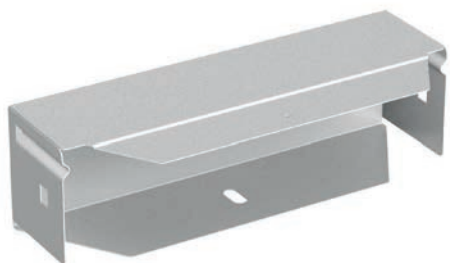
Angle variable de 0° à -90°





Tapa Final

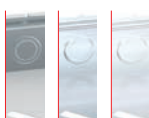
End Cover

Couvercle de
finition

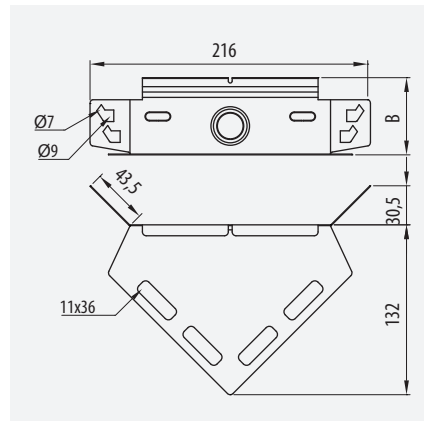
	A	B	Ref	kg/u	u
PG	35	100	71021010	0,074	1
	35	150	71021015	0,109	1
	35	200	71021020	0,159	1
	35	300	71021030	0,237	1
	60	100	71022010	0,098	1
	60	150	71022015	0,138	1
	60	200	71022020	0,194	1
	60	300	71022030	0,285	1
	60	400	71022040	0,602	1
	60	500	71022050	0,746	1
	60	600	71022060	0,890	1
	85	100	71023010	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



	A	B	Ref	kg/u	u
GC	35	100	70039110	0,092	1
	35	150	70039115	0,136	1
	35	200	70039120	0,199	1
	35	300	70039130	0,297	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	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
	100	200	70039420	0,429	1
	100	300	70039430	0,613	1
	100	400	70039440	0,797	1
304	100	500	70039450	0,982	1
	100	600	70039460	1,166	1
	60	100	71052010	0,080	1
	60	150	71052015	0,114	1
	60	200	71052020	0,161	1
	60	300	71052030	0,236	1
316L	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

Esquina
UniversalUniversal
CornerAngle
Universel

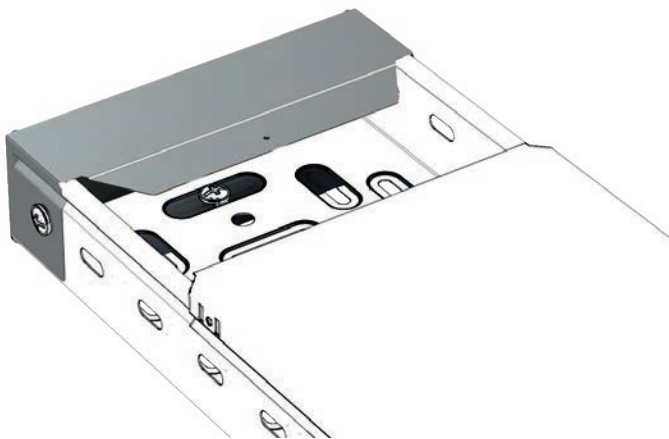
	A	Ref	kg/u	u
PG	35	70021100	0,106	1
	60	70021200	0,134	1
	85	70021300	0,165	1
	100	70021400	0,183	1
GC	35	70031100	0,114	1
	60	70031200	0,144	1
	85	70031300	0,177	1
	100	70031400	0,196	1
304	60	70051200	0,096	1
316L	60	70061200	0,096	1





x 3

058



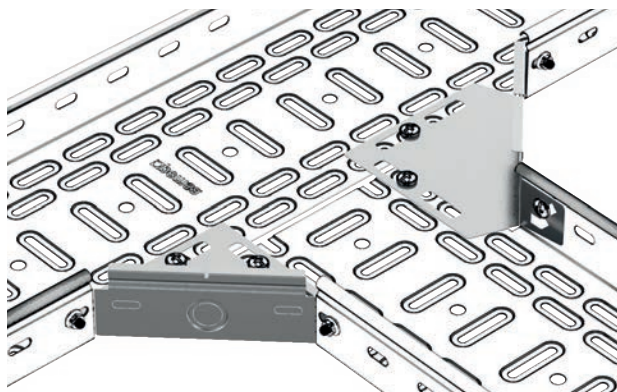
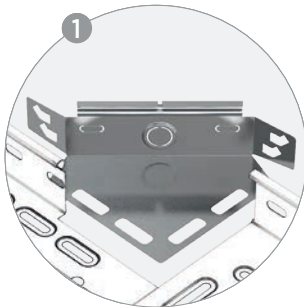
Acabado profesional!!

Professional finish
Finition professionnel



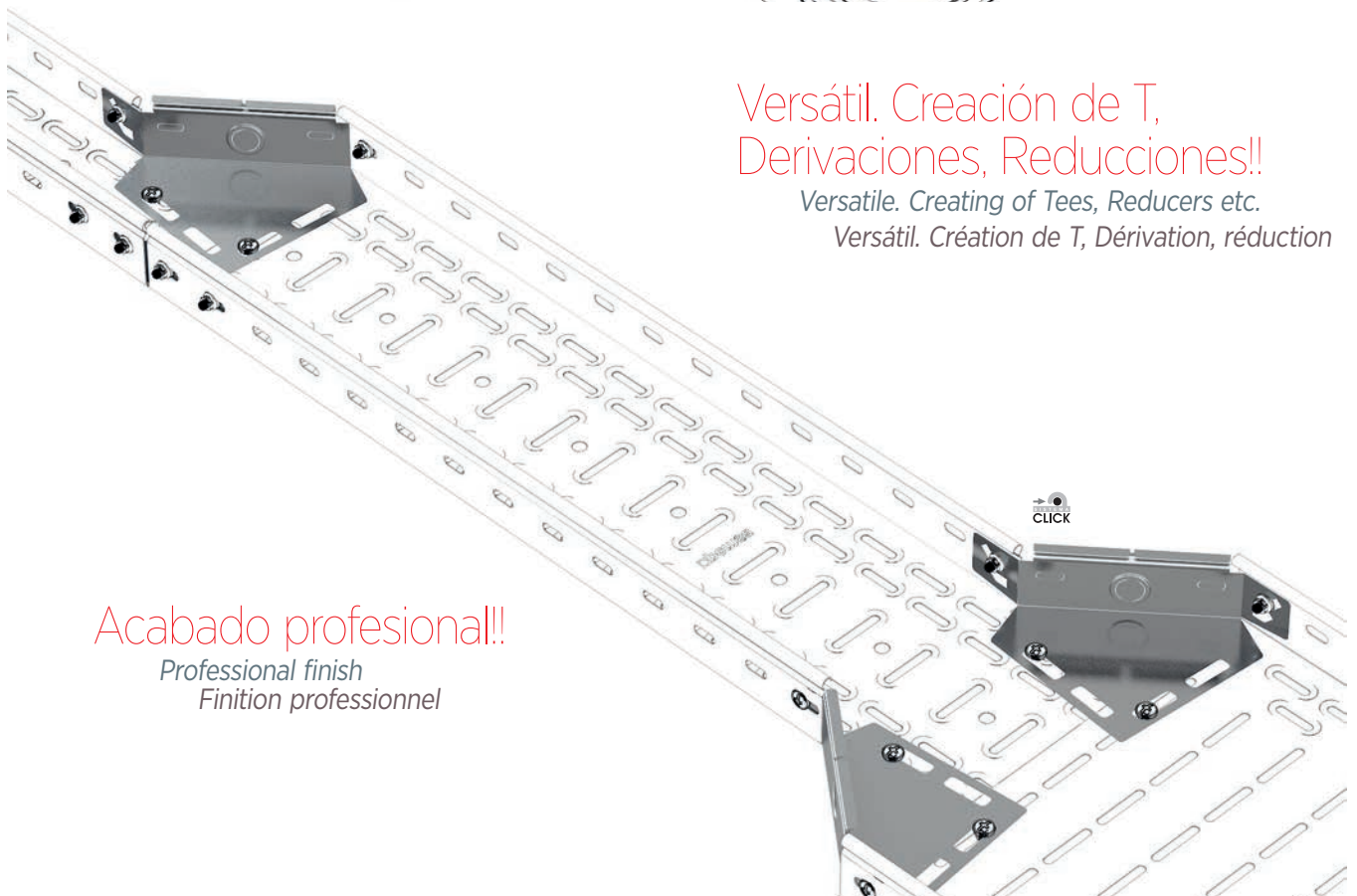
x 4

058



Versátil. Creación de T,
Derivaciones, Reducciones!!

Versatile. Creating of Tees, Reducers etc.
Versátil. Création de T, Dérivation, réduction



Acabado profesional!!

Professional finish
Finition professionnel



SOLUTIONS

Petro-
química

Oil & Gas

Pétro-
chimique

pemsaband® PQ

GC



IDEA

Tubos
Rígidos
MetálicosMetal
Rigid
ConduitsTubes
Rigides
Métalliques

Metal RLGC - RRG

GC

Alta Resistencia a la Corrosión
High Corrosion Resistance
Haute Résistance à la CorrosionIEC
61386cod.
5557

188

Alta Resistencia. Instalaciones Industriales
High Resistance. Industrial Installations
Haute résistance pour installations industrielles

reji band®

IDEA



GC

304

316L

IEC
61537

N.V.E-I

CLASSIFIED
UL
OM, CINA, E30504

<50mA

E90
resistencia al fuegoAENOR
Presencia
de humoRoHS
BYCRO

020



IDEA

Prensaestopas
IndustrialesIndustrial
Cable
GlandsPresse
étoupe

HSK-M

RoHS

CE

cUL US

UL

C US

GL

D'E

PG

223

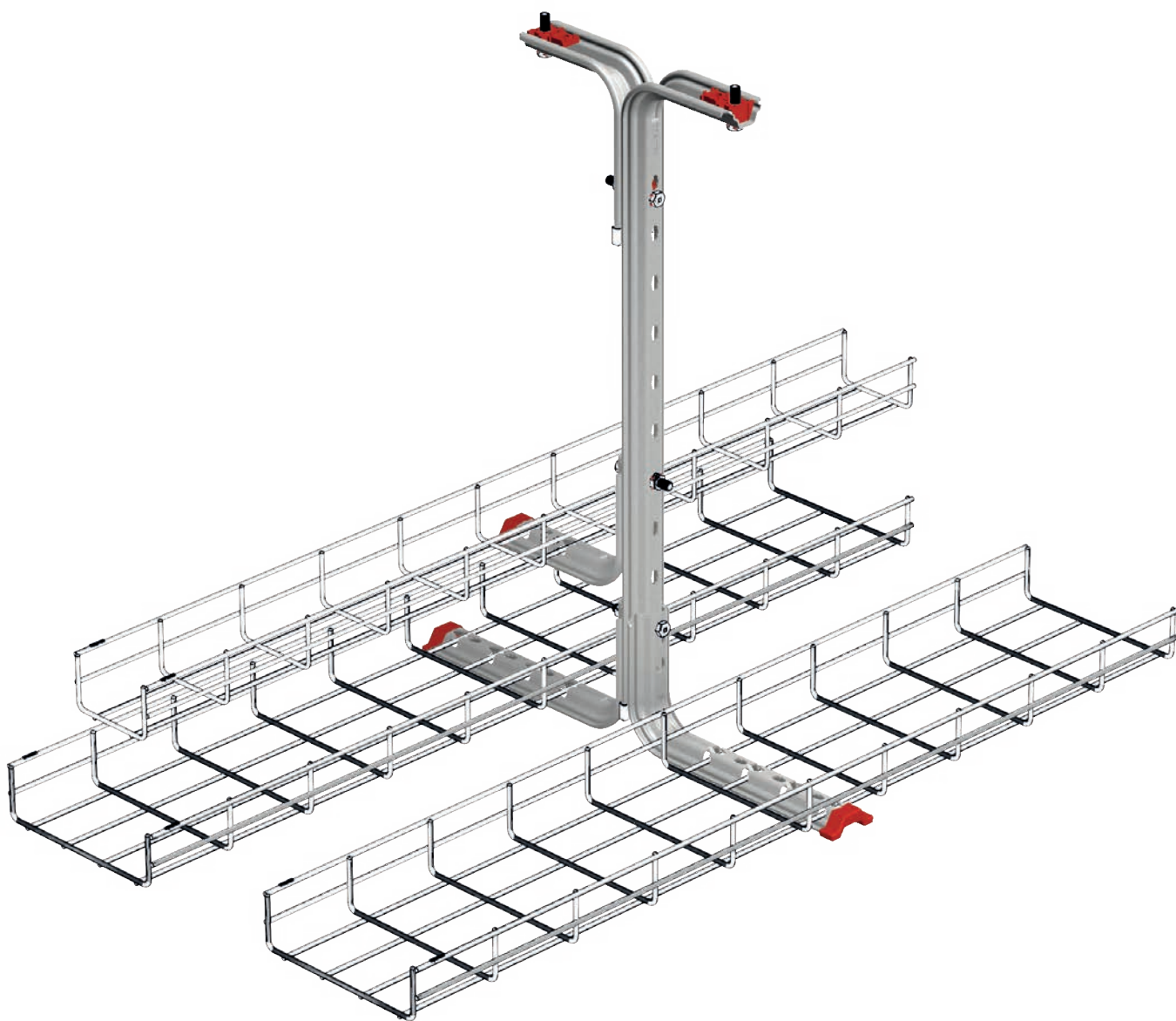


Support System

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	25 kg	50 kg	28 / 60 kg	28 / 60 kg
	134	134	136	128	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	25 kg	85 kg	85 kg	65 kg
	134	134	148	148	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	18 / 30 kg	200 kg	330 kg	330 kg
	134	128	144	144	144
	-	-	7 kg x m	40 kg x m	40 kg x m
	-	-	6 kg x m	15 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 Pemsa.

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 obtenues, 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 Pemsa.

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 Pemsa.

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.

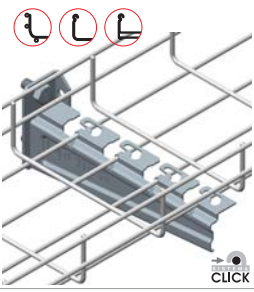
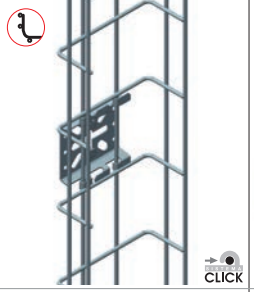
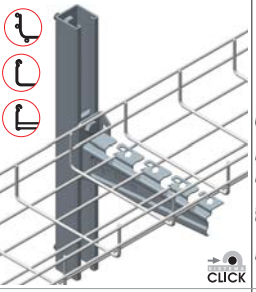
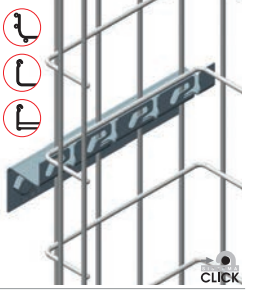
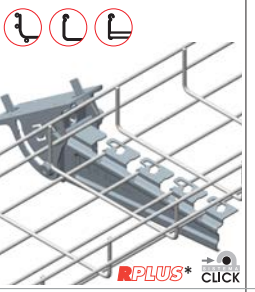
* Bending moment 1: Resulting bending moment on ceiling plane.

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

Valeurs obtenues 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 Pemsa.

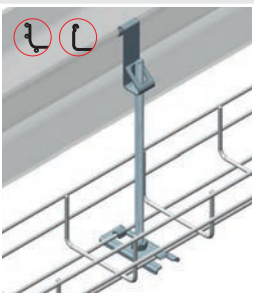
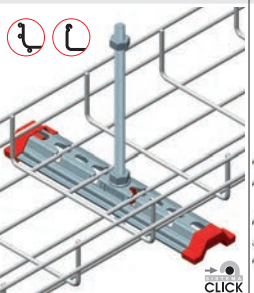
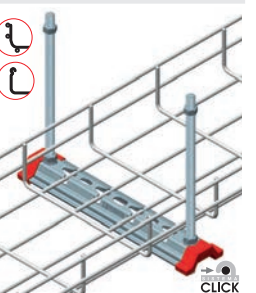
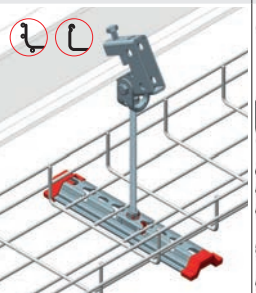
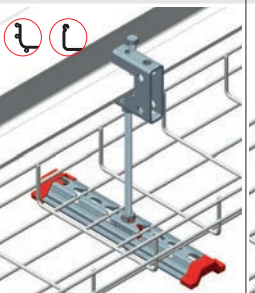
Información Técnica / Technical Information / Informations Techniques

Montaje en pared / Wall assembly / Montage mural

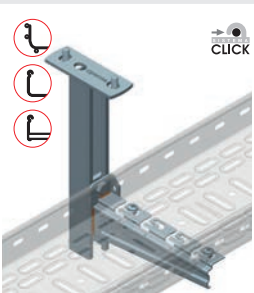
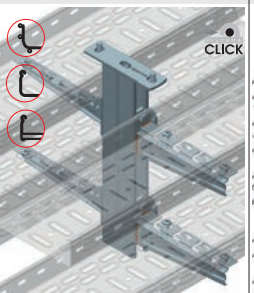
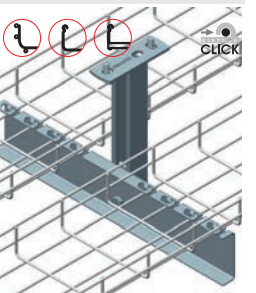
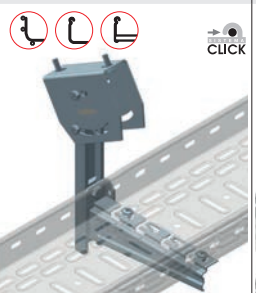
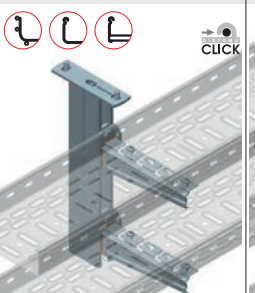
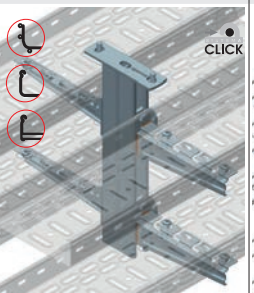
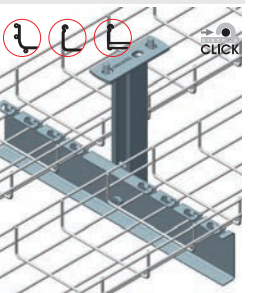
Horizontal / Horizontal / Horizontal			Vertical / Vertical / Vertical		
UNIVERSAL			UNIVERSAL		
					
110 / 245 kg 130			50 kg 136		
					
110 / 245 kg 130			56 kg 140		
					
110 / 245 kg 132					
Nuevos soportes reforzados con más capacidad de carga Reinforced supports with greater load-bearing capacity Nouveau support renforcé, plus de capacité de charge					

Montaje en techo / Fitting to ceiling / Montage Plafond

Con varilla roscada / With threaded rods / Avec tige fileté

			UNIVERSAL		UNIVERSAL
					
65 kg 150			160 kg 142		390 kg 142
					
75 kg 150					
					
160 kg 150					
Más economía en tiempo de montaje Increased savings in assembly time Plus économique, gain de temps au montage					

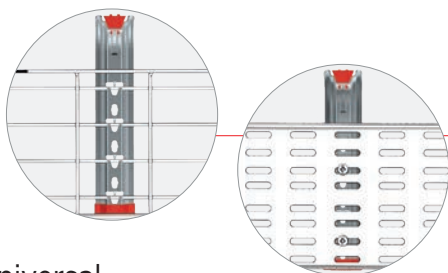
Péndulo reforzado / Reinforced supports / Penseur Renforcé

UNIVERSAL			UNIVERSAL		UNIVERSAL
					
350 kg 144			400 kg 146		45 / 170 kg 146
36 kg x m			93 kg x m		-
43 kg x m			73 kg x m		-
					
300 kg 146					
35 kg x m					
					
400 kg 146					
93 kg x m					
					
400 kg 146					
93 kg x m					
					
400 kg 146					
93 kg x m					
Nuevos soportes y péndulos reforzados con más capacidad de carga Reinforced supports with greater load-bearing capacity Nouveau support pendard renforcé pour plus de charge					



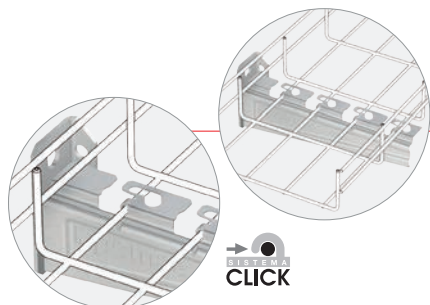
Gama de Soportes, railes y estructuras
Supports, Channels and structures range
 Gamme de supports, rails & structures

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

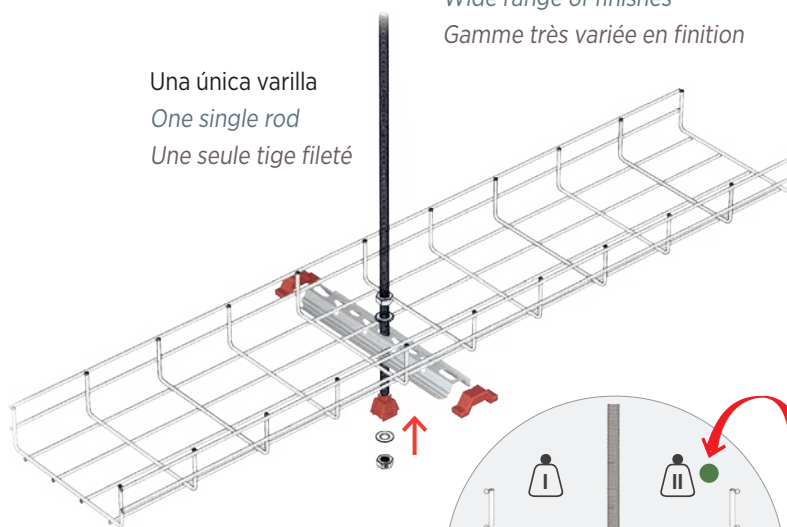


Sistema Click. Sin fijaciones
Click System. No fixings required
 Système Click Sans fixation

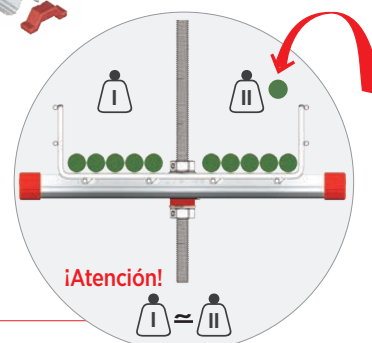
PG	GC	C8	304	316L
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Amplia gama de acabados
Wide range of finishes
 Gamme très variée en finition

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!

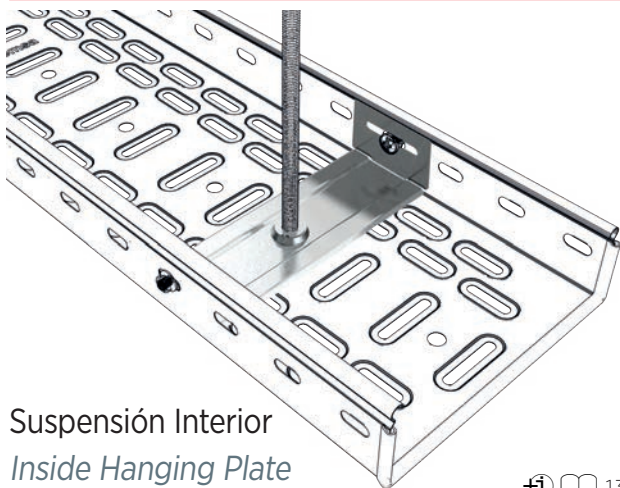
Novedades News Nouveautés

NEW



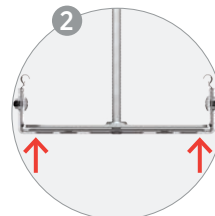
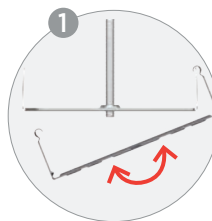
Gama completa Alta resistencia
Full Range High resistance
Gamme complète Haute Résistance

NEW



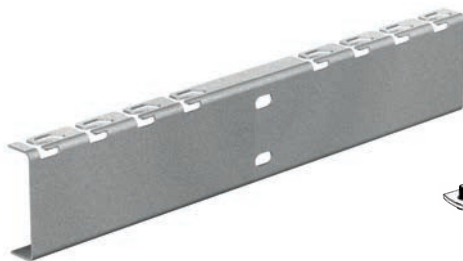
Suspensión Interior
Inside Hanging Plate
Suspension Intérieur

136

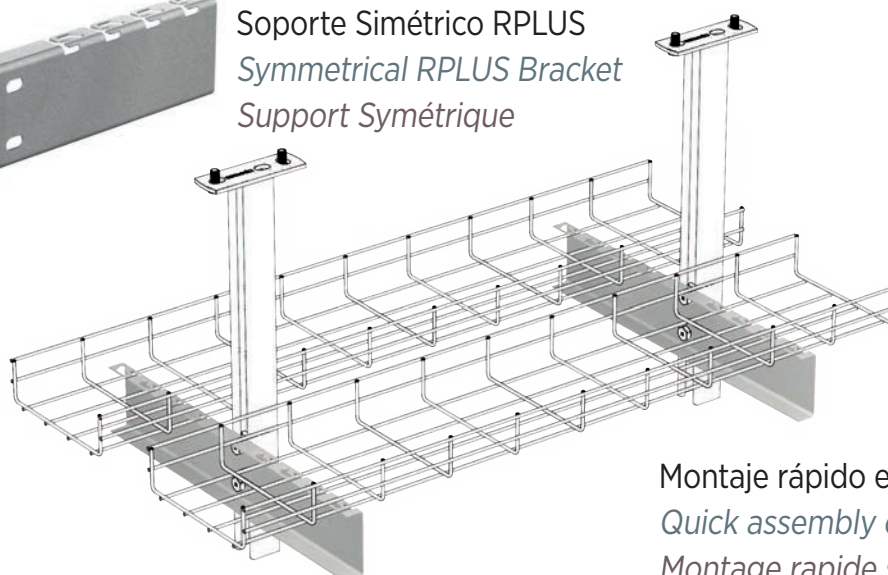


Sistema Oculto.
El soporte queda dentro de la bandeja
Hidden System.
The support is installed inside the cable tray
Système Caché.
Le support reste à l'intérieur de la dalle

NEW



Soporte Simétrico RPLUS
Symmetrical RPLUS Bracket
Support Symétrique



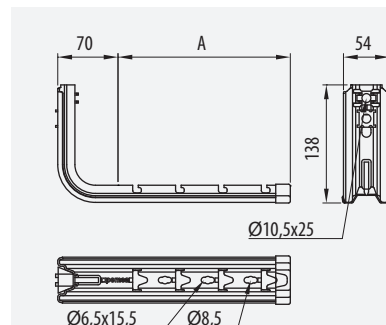
Montaje rápido en péndulos
Quick assembly on pendants
Montage rapide sur pendent

150


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

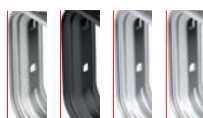

100-400

	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



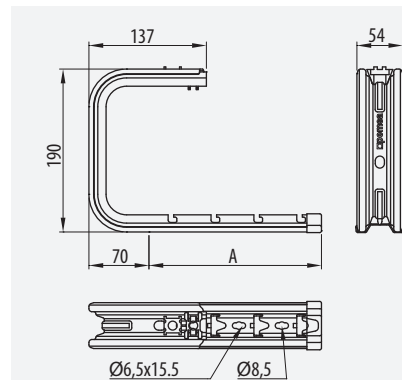
↓CTA↓ (kg)	100	150	200	300	400
↓CTA↓ (kg)	60	60	60	38	28

NO rejiband® 60x60


**Soporte
Techo Omega
SPLUS**
**Omega
SPLUS Ceiling
Bracket**
**Support
Omega
Plus**


100-400

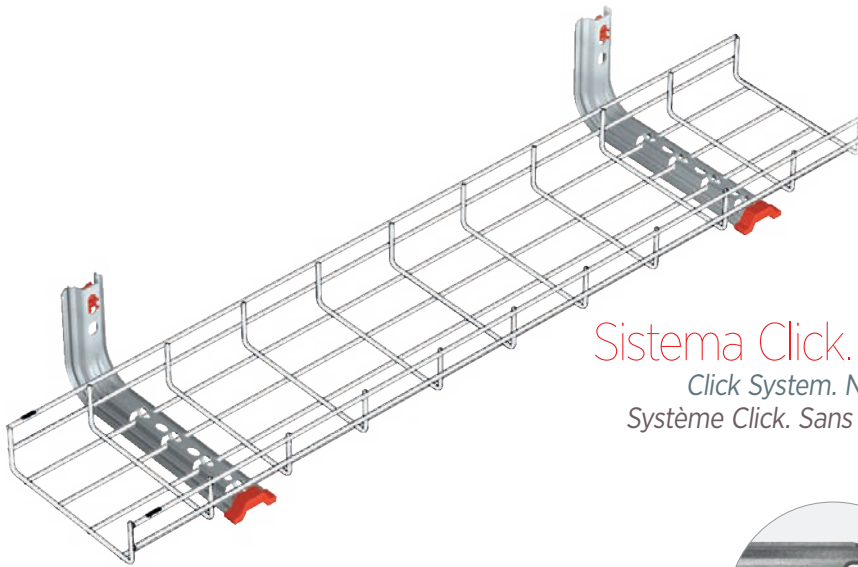
	A	Ref	kg/u	u
PG	100	62022104	0,391	4
	150	62022154	0,557	4
	200	62022204	0,642	4
	300	62022304	0,763	4
	400	62022404	0,887	4
GC	100	62032104	0,404	4
	150	62032154	0,571	4
	200	62032204	0,658	4
	300	62032304	0,782	4
	400	62032404	0,906	4
C8	100	62082104	0,408	4
	150	62082154	0,432	4
	200	62082204	0,651	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)		kg
	100	33
	150	36
	200	29
	300	25
	400	18

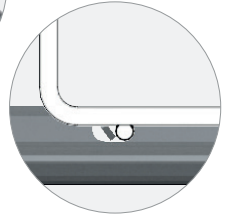
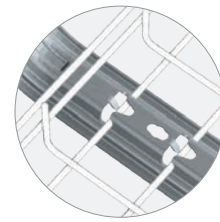
NO rejiband® 60x60





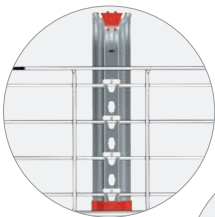
Sistema Click. Sin fijaciones

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



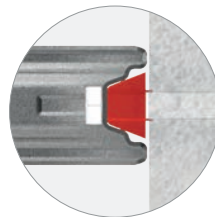
Universal Compatible para todas las bandejas

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



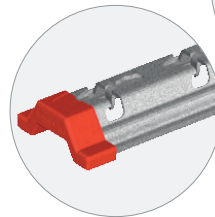
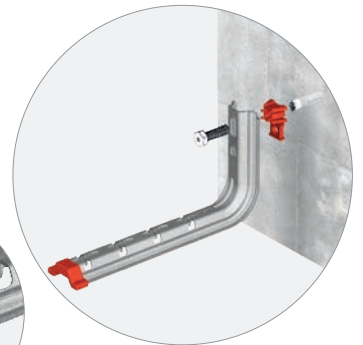
Seguridad. Mejoran la instalación!!

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



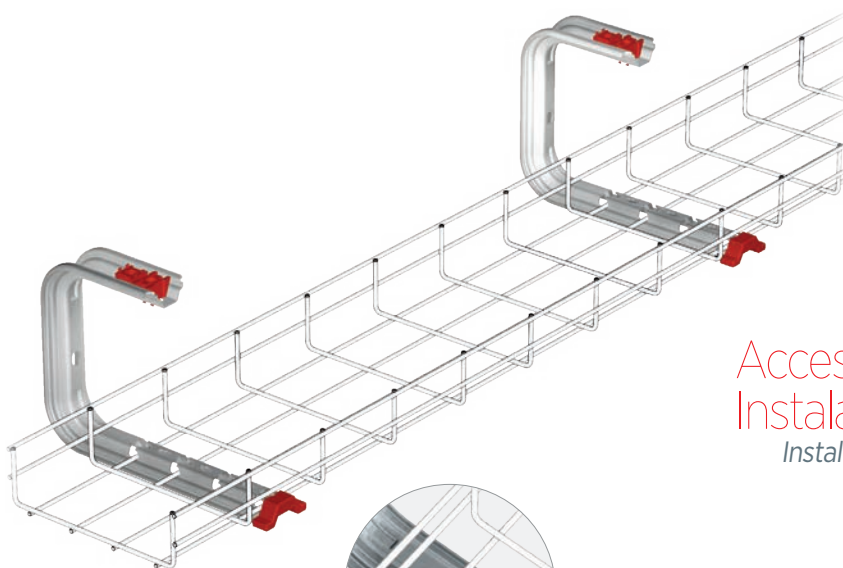
Tope

Plug
Embout de Protection



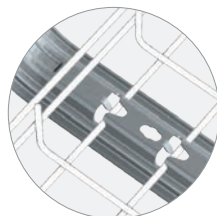
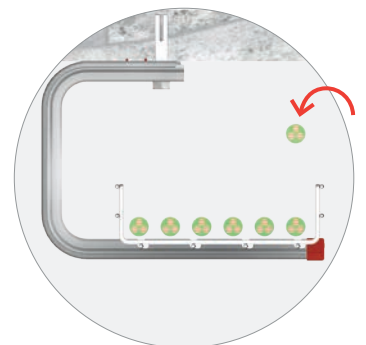
Protector

Protector
Protection



Accesible. Instalación lateral del cable

Installation of cables from the side
Installation latéral du câble



Sistema Click. Sin fijaciones

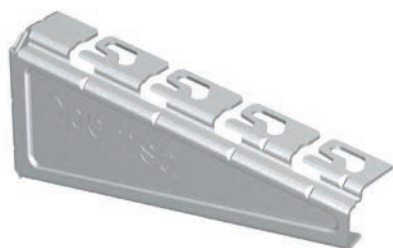
Click System. No additional fixings.
Système Click. Sans fixation



Soporte
Reforzado
RPLUS

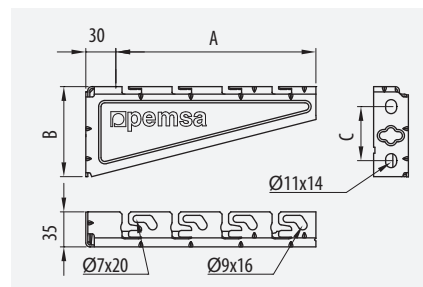
Medium Duty
Cantilever
RPLUS

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



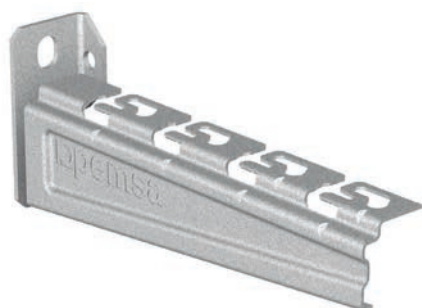
↓CTA↓ (kg)	A	kg
	100	210
	150	170
	200	180
	300	140
	400	180
	500	90
	600	120



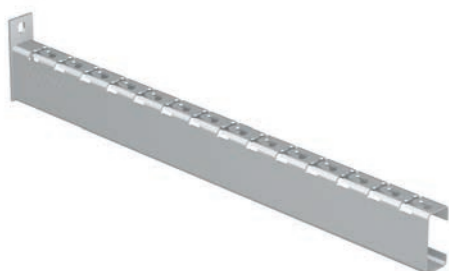
Soporte
Reforzado
RPLUS

Medium Duty
Cantilever
RPLUS

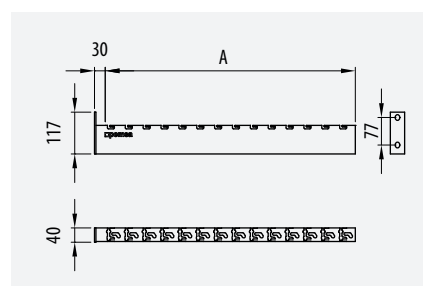
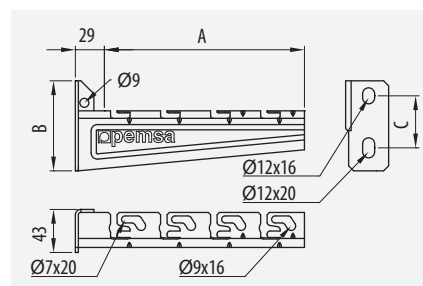
Support
Renforcé
RPLUS



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

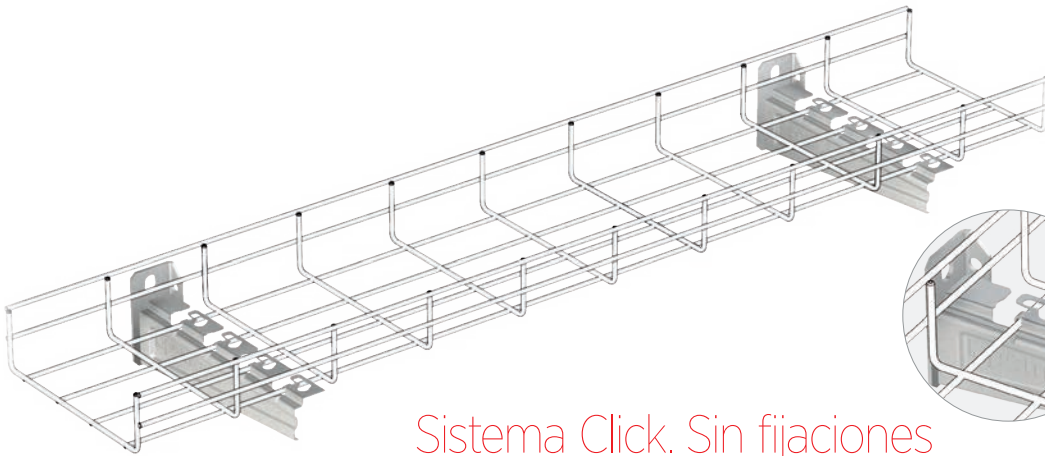


100-1000						
	A	B	C	Ref	kg/u	u
GC	100	90	52	62035103	0,232	4
	150	90	52	62035153	0,288	4
	200	90	52	62035203	0,331	4
	300	90	52	62035303	0,425	4
	400	117	79	62035403	0,778	4
	500	117	79	62035503	0,928	4
	600	117	79	62035603	1,074	4
	700	117	77	62035703	2,449	4
	750	117	77	62035753	2,611	4
	800	117	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
316L	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

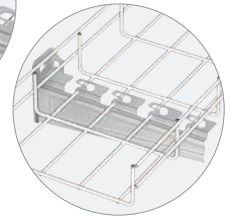
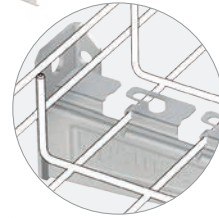


↓CTA↓ (kg)	A	kg
	100	225
	150	245
	200	190
	300	110
	400	245
	500	92
	600	110
	700	220
	750	220
	800	220
GC / C8	900	220
	1000	220
304 / 316 L	100	160
	150	190
	200	190
	300	130
	400	150
	500	110
	600	95

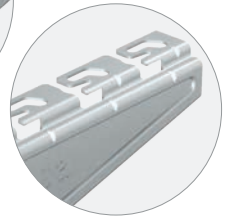
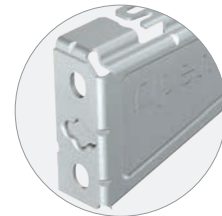
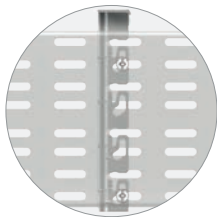
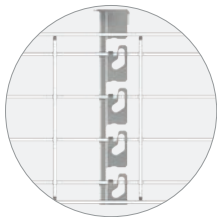




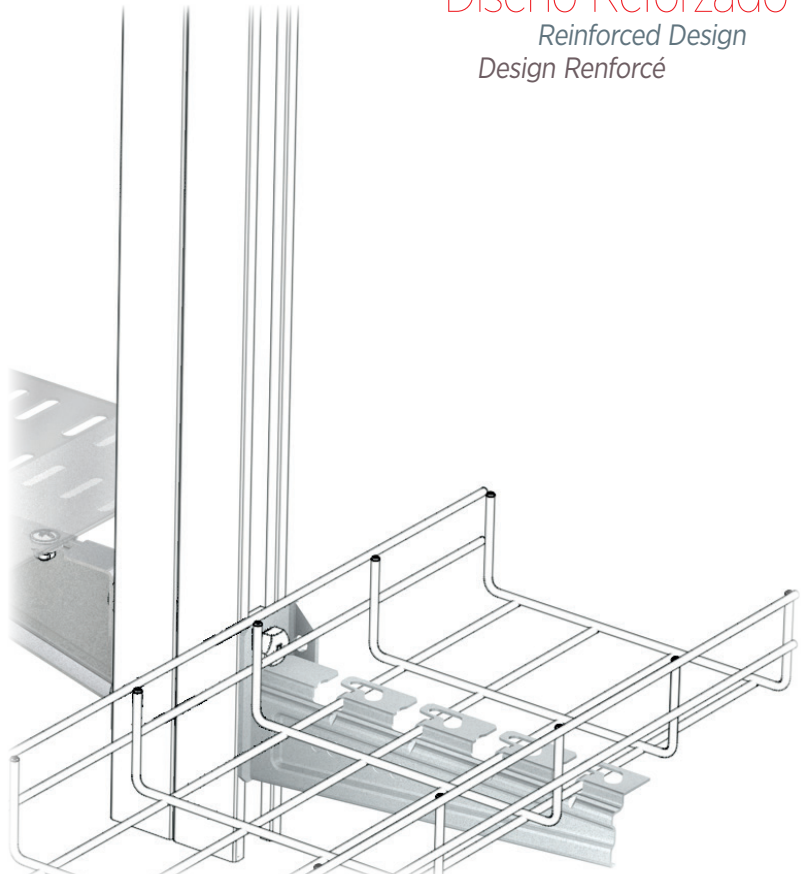
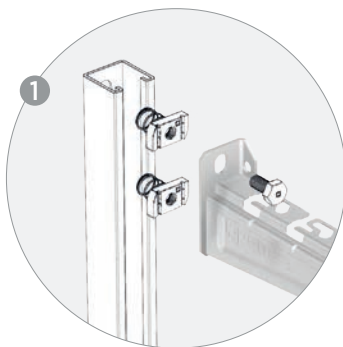
Sistema Click. Sin fijaciones
 Click System. No additional fixings
 Système Click Sans fixation



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



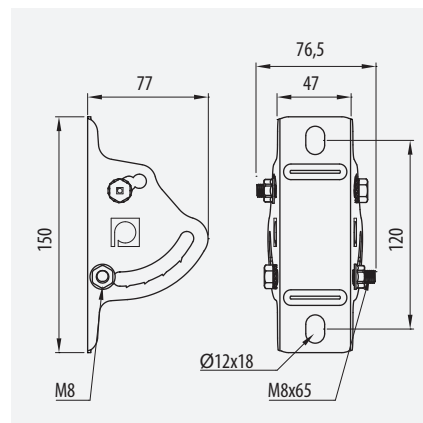
**Kit Soporte
RPLUS
Reforzado
Variable**

**Adjustable
RPLUS Kit**

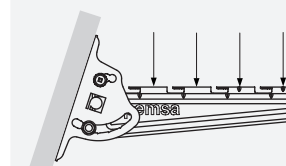
**Kit Support
Renforcé**



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



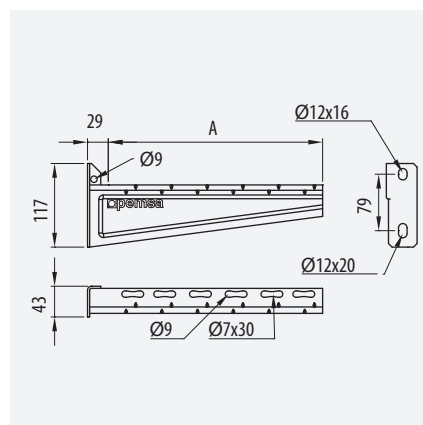
**Soporte
RPLUS Muy
Reforzado**

**Heavy Duty
Cantilever
RPLUS**

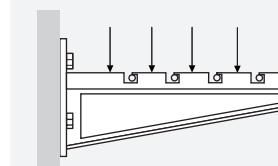
**Support
Très
Renforcé**



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



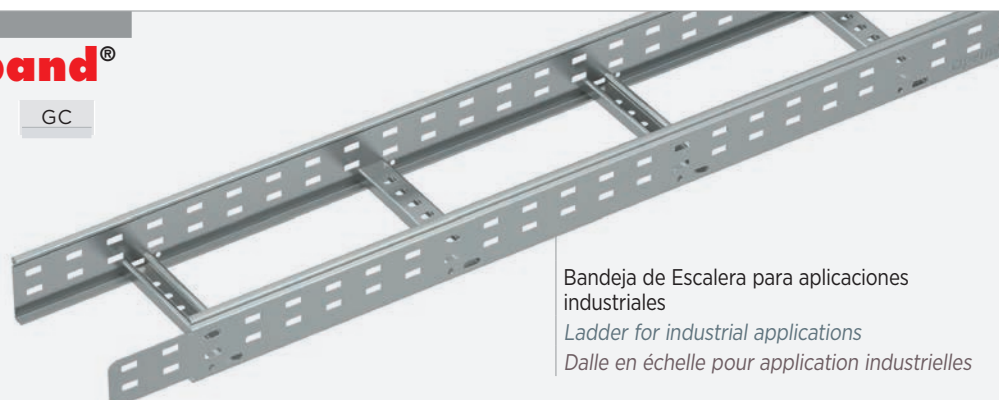
↓CTA↓ (kg)	300	400	500	600
kg	220	220	160	165



IDEA

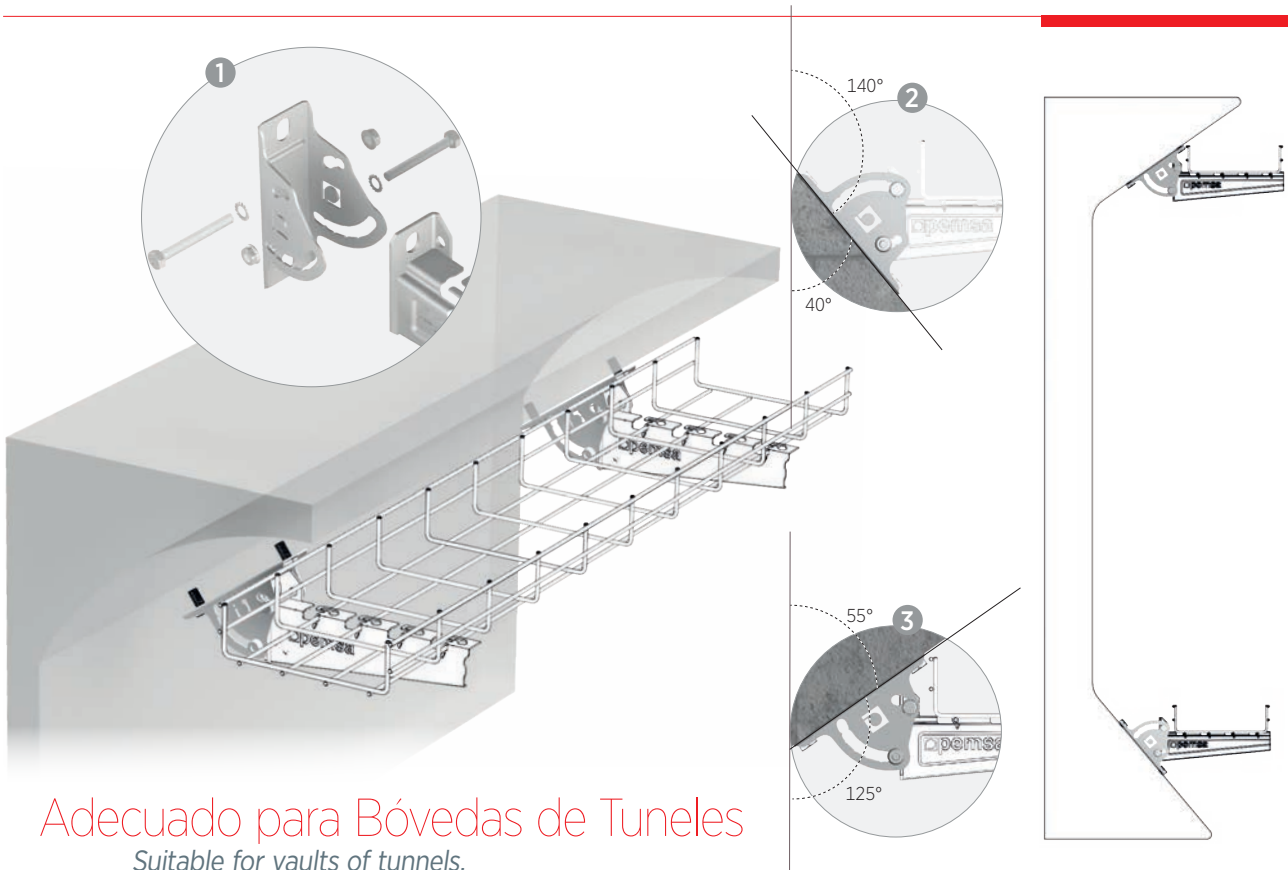
megaband®

GC



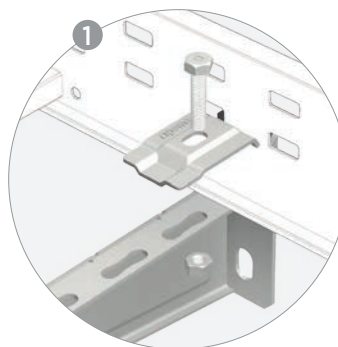
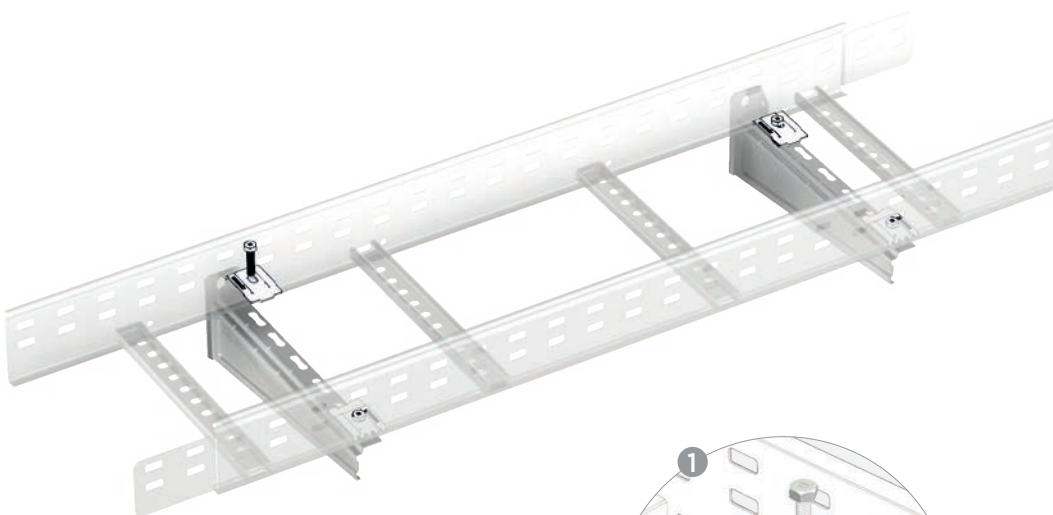
Bandeja de Escalera para aplicaciones industriales
Ladder for industrial applications
Dalle en échelle pour application industrielles

11 080

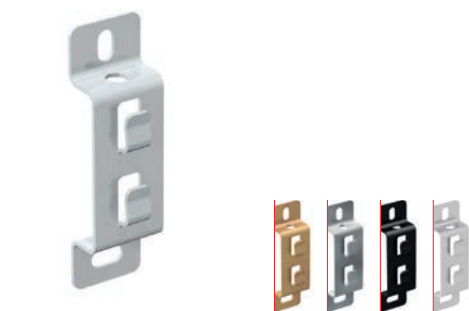


Adecuado para Bóvedas de Tuneles

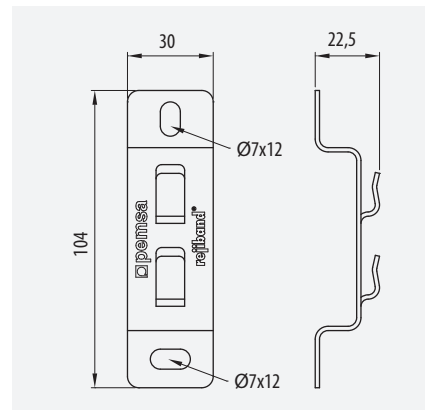
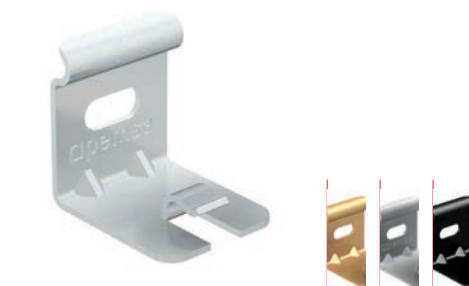
Suitable for vaults of tunnels.
Approprié aux Voûtes de Tunnels



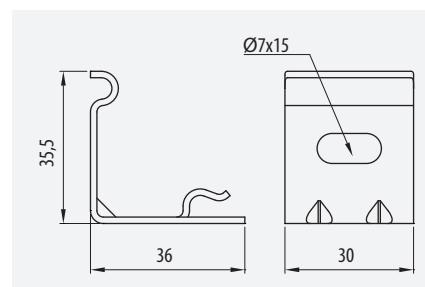
		x2			090
	M8x20	x2			090


Soporte 60 | **Side Support 60** | **Support 60**


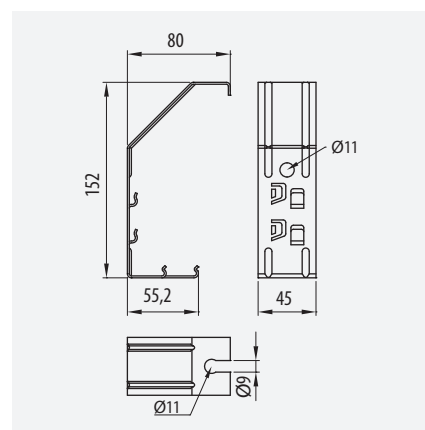
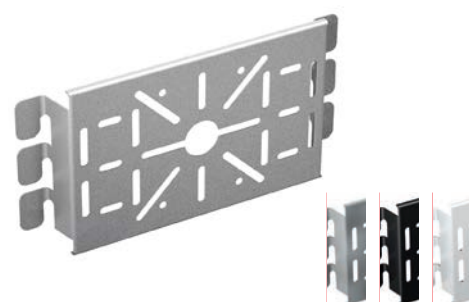
60 • 60-100-150			
	Ref	kg/u	u
EZ	62011060	0,042	25
BC	62021060	0,042	25
GC	62031060	0,044	25
C8	62081060	0,044	25
316L	62061060	0,042	25
↓CTA↓ (kg)		25	


Soporte Ligero Pared | **Light Duty Wall Support** | **Support Mural Charge Légère**


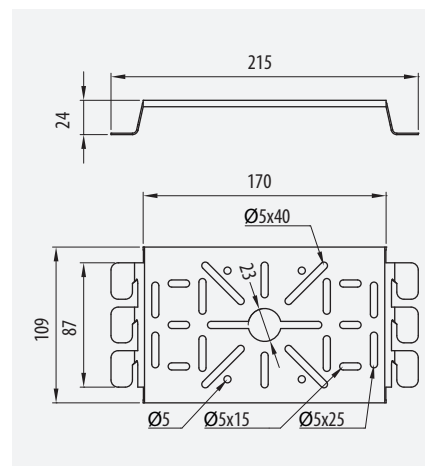
35-60 • 60-100			
	Ref	kg/u	u
EZ	62016021	0,055	25
BC	62026021	0,055	25
GC	62036021	0,055	25
C8	62086021	0,055	25
↓CTA↓ (kg)		15	

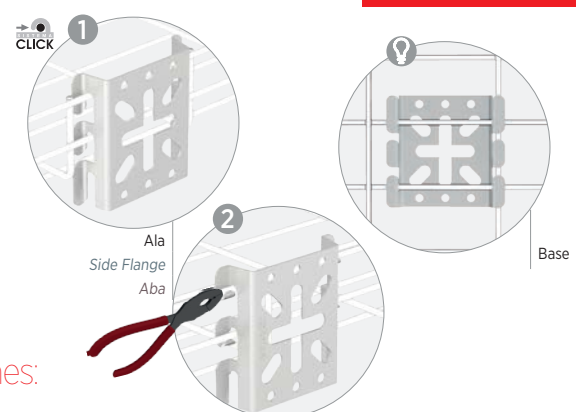
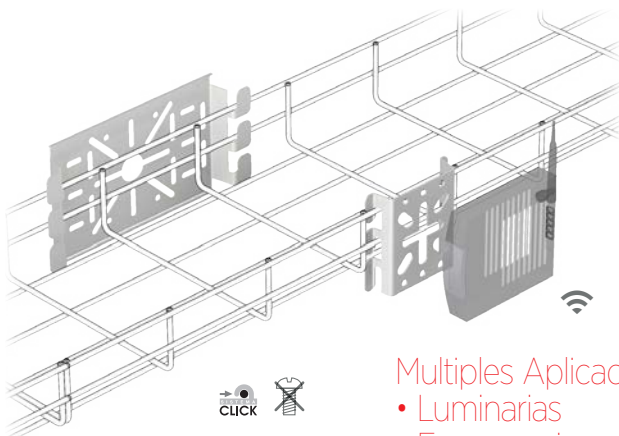
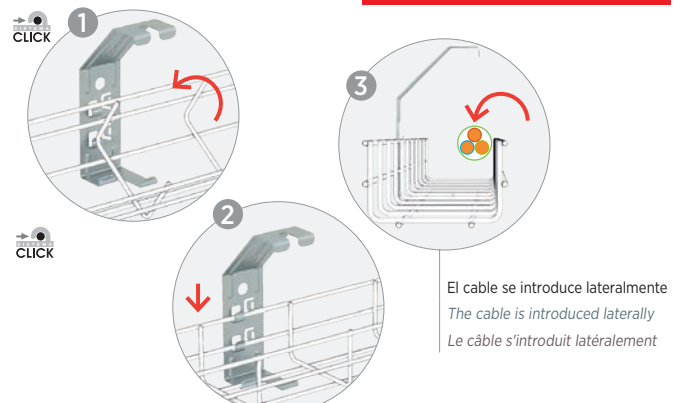
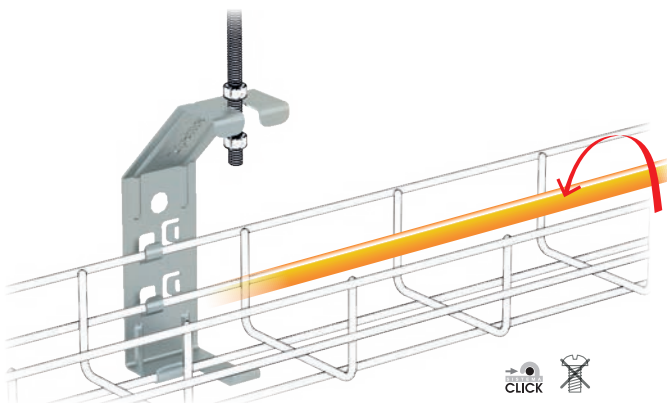
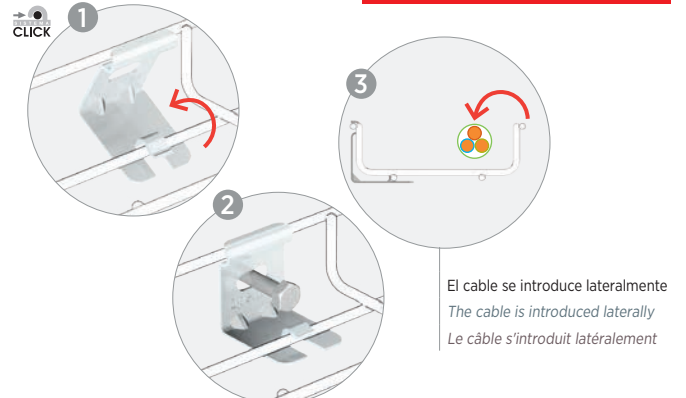
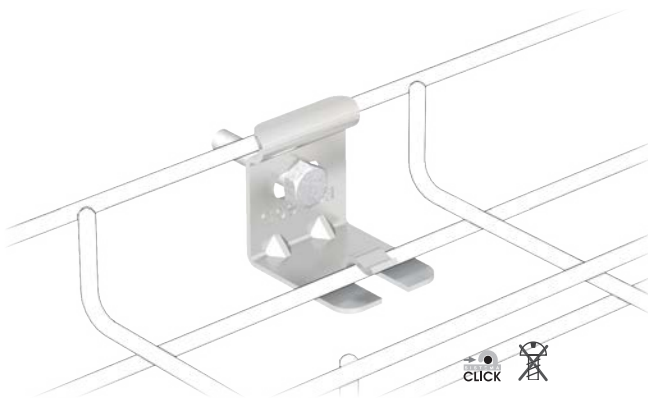
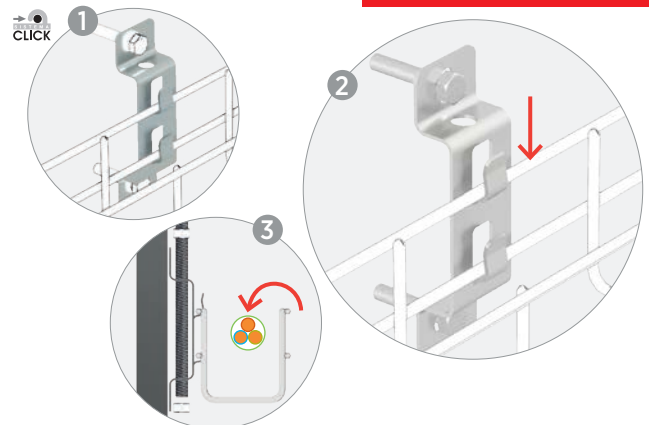
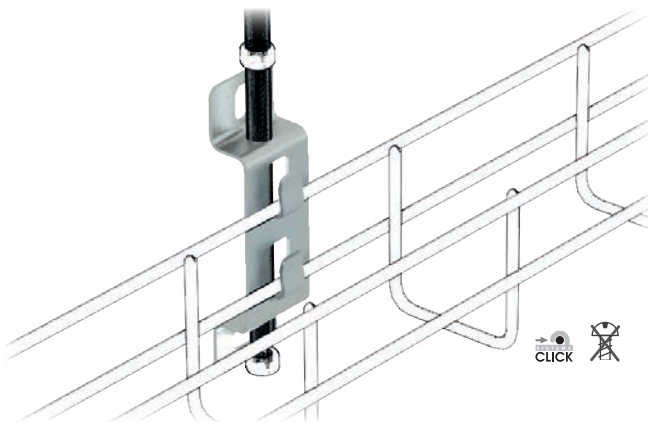

Soporte Ligero Techo | **Light Duty Ceiling Support** | **Support Plafond Charge légère**


35-100 • 60-100-150			
	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	


Soporte Universal rejiband® | **rejiband® Universal Bracket** | **Support Universel rejiband®**


60-100 • 60-600			
	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:

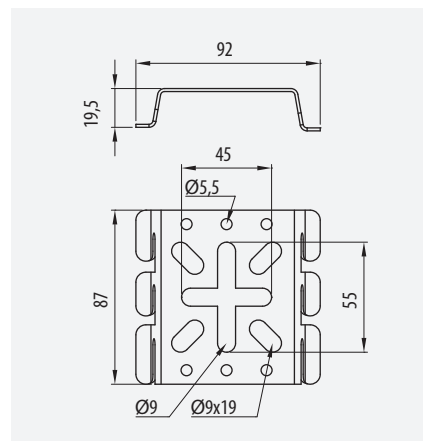
- Lamps
- Emergency lighting
- Boxes
- Router
- Sensors
- Detectors

Multiples Applications:

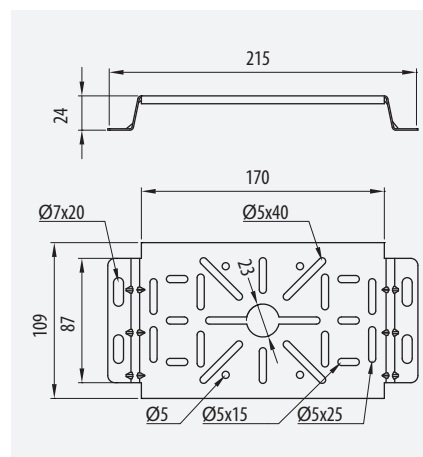
- Luminaires
- Urgences, Sortie de secours
- Caisse
- Router
- Capteur
- Détecteur


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

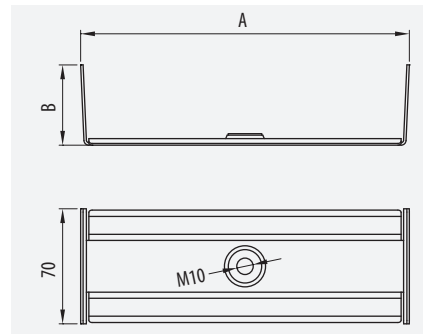

	Ref	kg/u	u
PG	62026010	0,091	10
GC	62036010	0,101	10
C8	62086010	0,091	10
316L	62066010	0,095	10

↓CTA↓ (kg) 50

**Soporte
Universal
pemsa^{band}®**
**pemsa^{band}®
Universal
Bracket**
**Support
Universel
pemsa^{band}®**

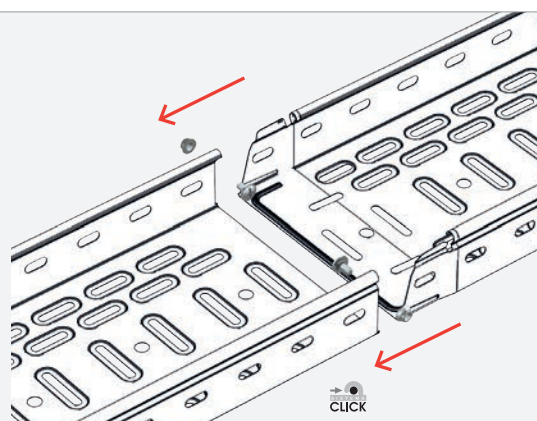

	Ref	kg/u	u
PG	70420911	0,179	10
GC	70430911	0,197	10

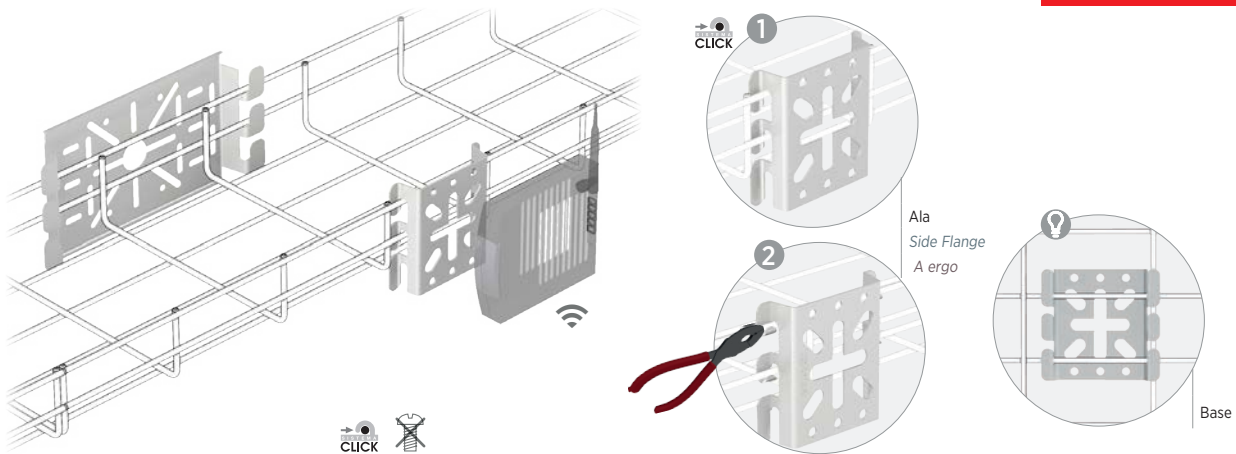
↓CTA↓ (kg) 10

**Suspensión
interior
pemsa^{band}®**
**pemsa^{band}®
Inside
Hanging
Plate**
**Suspension
intérieure
pemsa^{band}®**


	A	Ref	kg/u	u
PG	100	70122210	0,157	5
	150	70122215	0,198	5
	200	70122220	0,239	5
	300	70122230	0,321	5
	400	70122240	0,404	5
GC	100	70132210	0,167	5
	150	70132215	0,211	5
	200	70132220	0,255	5
	300	70132230	0,342	5
	400	70132240	0,431	5


IDEA
**Bandeja
de Chapa
Perforada
Click**
**Perforated
Click
System
Cable Tray**
**Dalle
perforée et
emboutie
Click**


048

pemsa^{band}®
**Sistema enchufable
Quick Click Joint System
Système click à union rapide**




Multiples Aplicaciones:

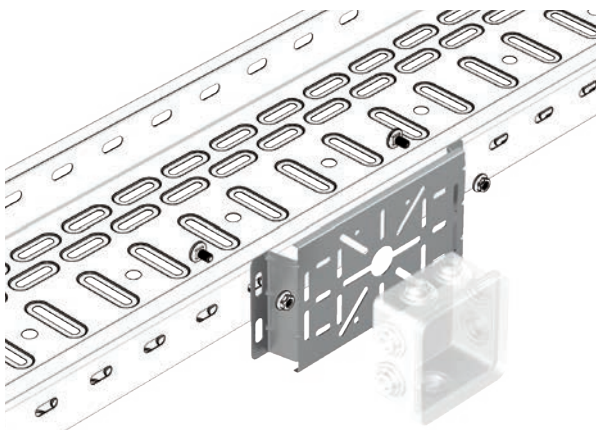
- Luminarias
- Emergencias
- Cajas
- Router
- Sensores
- Detectores

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!!

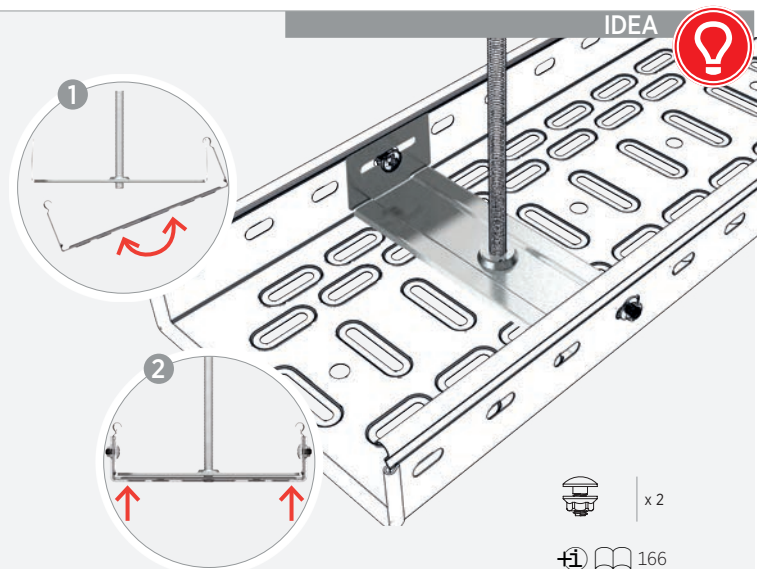
Versatile. Multiple applications
Versatile, multiples applications

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



x 2



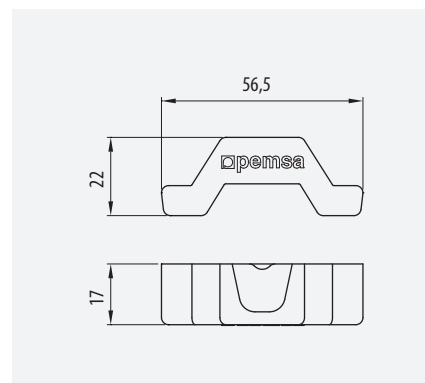
166


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


CLICK



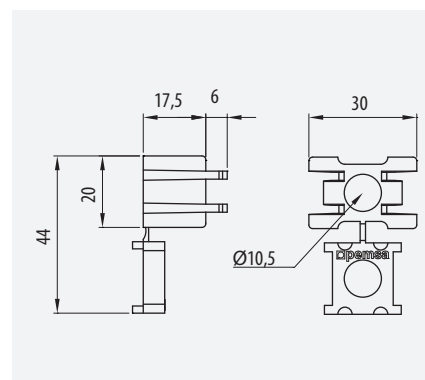
100-600		
Ref	kg/u	u
62031084	0,009	50


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


CLICK



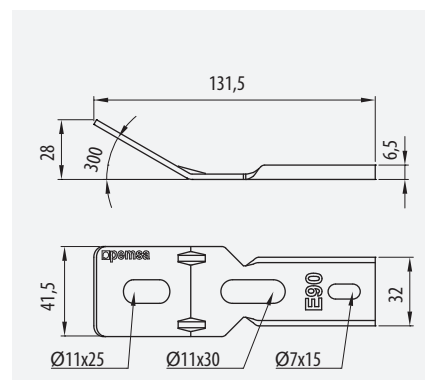
100-600		
Ref	kg/u	u
62031085	0,009	50


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


CLICK

E90

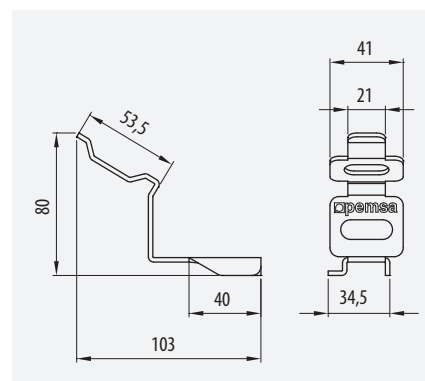
 100-600			
	Ref	kg/u	 u
GC	62031090	0,093	60

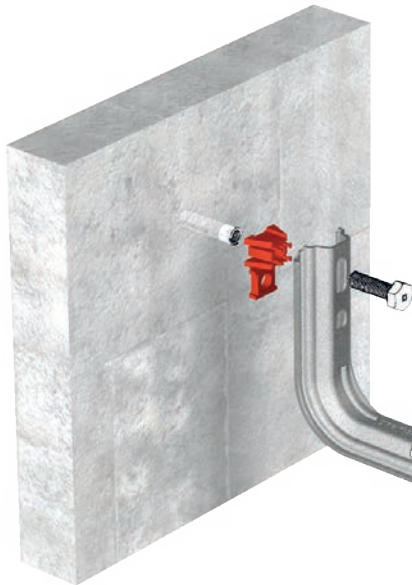

**Conector
E90 RPLUS**
**Connector
E90 RPLUS**
**Connecteur
E90 RPLUS**


CLICK

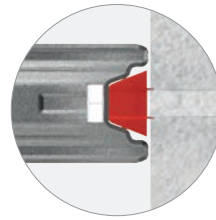
E90

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



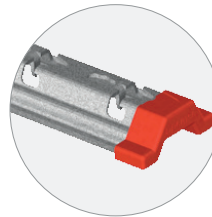


Seguridad
Safety
Sécurité



Mejora la instalación
Improves the installation
Améliore l'installation

Tope
Plug
Butoir



Protector
Protector
Embout de Protection



E90



M6x30

x1



028



M6x1000

x1



148

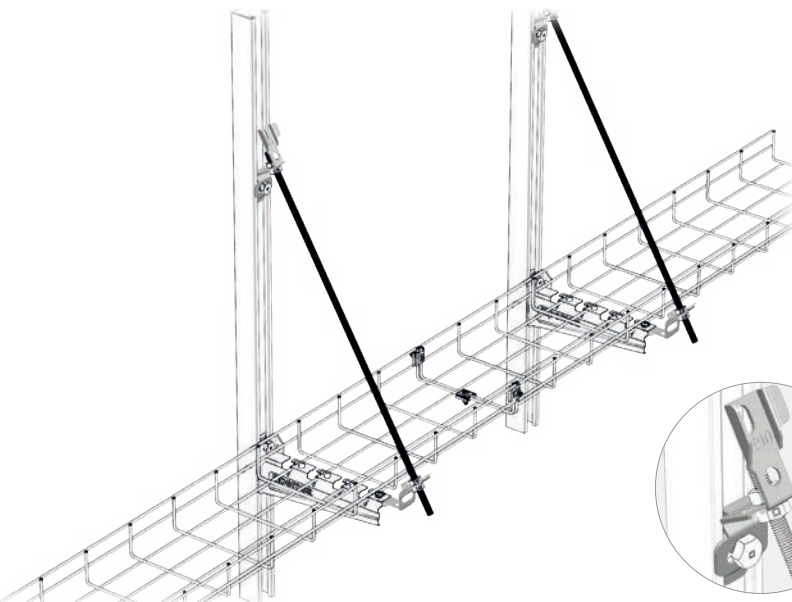
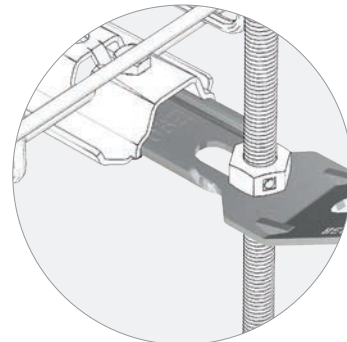


M8

x2



167



x1



138



M8x500

x1



148



M8

x2



167

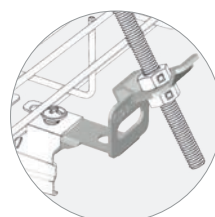
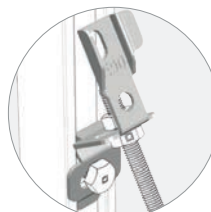


M6x30

x1



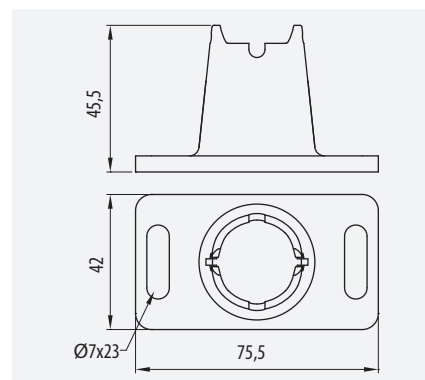
166



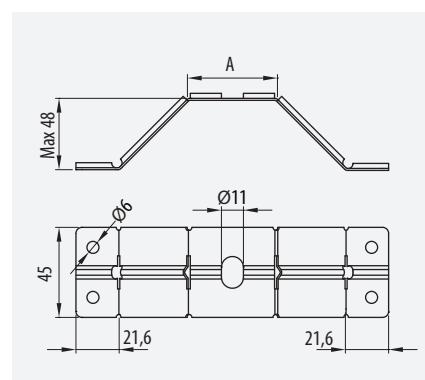
E90


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

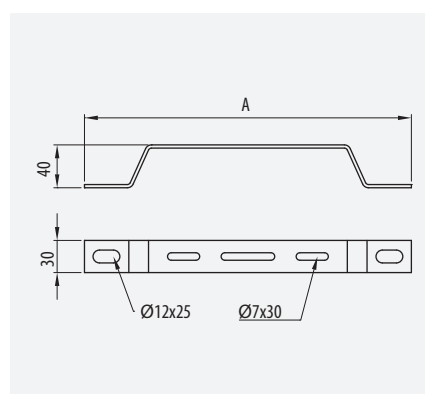

35-60-100 • 60-600		
Ref	kg/u	u
68000060	0,022	100
↓CTA↓ (kg)		40


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

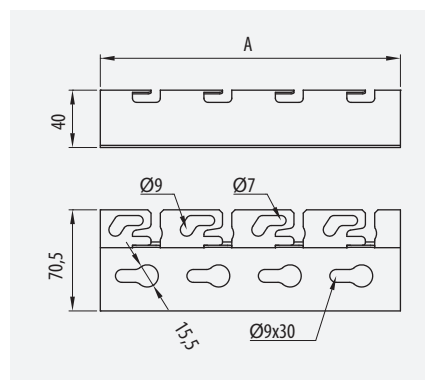

35-60-100 • 60-600				
	A	Ref	kg/u	u
PG	45	67020020	0,065	10
	90	67020120	0,081	10
GC	45	67030020	0,068	10
	90	67030120	0,085	10

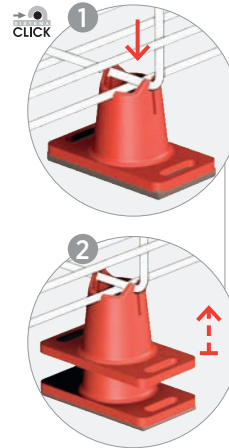
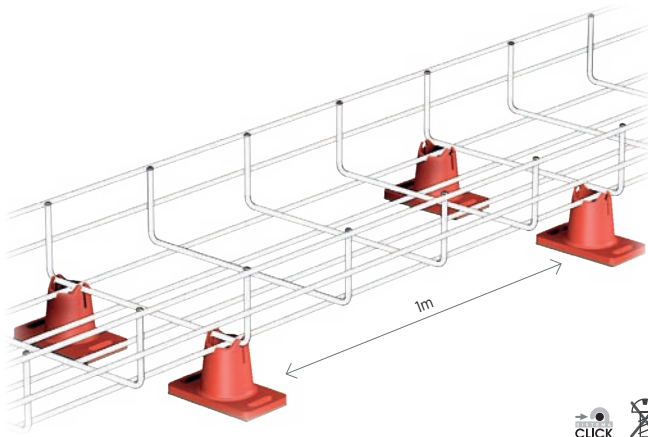

Distanciador **Stand off Bracket** **Séparateur support vertical Mural**


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


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

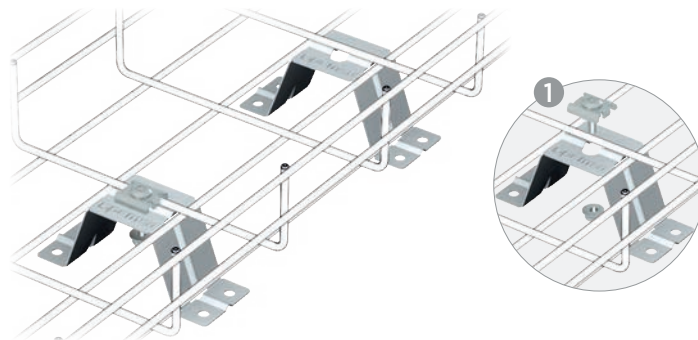




ref. 68000066
Adhesivo Pie
Adhesive & hardener
Pieds

Fácil, económico!!
Easy, Economical
Facile, Economique

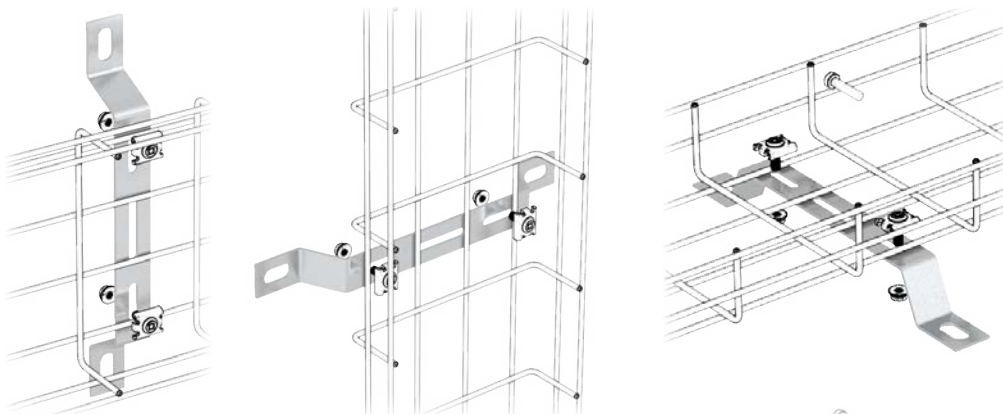
Rápida Instalación
Quick Assembly
Installation Rapide



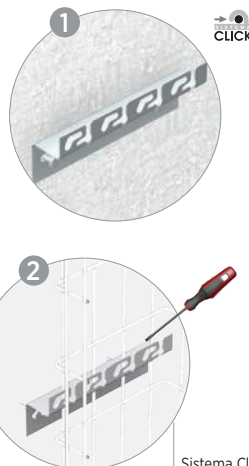
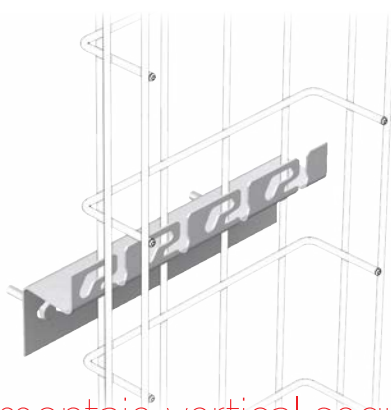
Aplicaciones:
• Suelos técnicos
• Instalaciones Comunicaciones
• Salas de Instalaciones

Applications:
• Technical floors
• Communication Installations
• Technical rooms

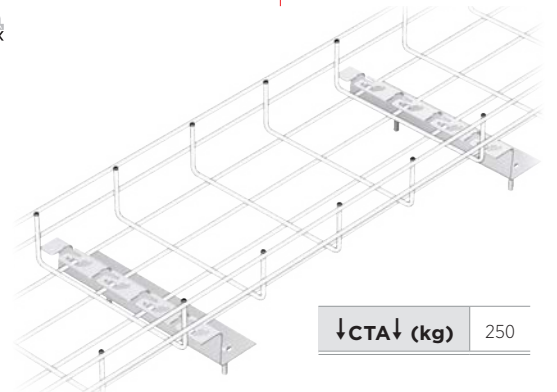
Applications:
• Sols techniques
• Installations, communications
• Salles techniques



↓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.



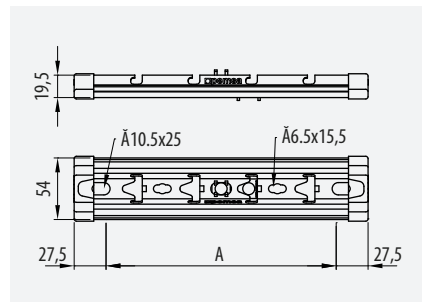
Suspensión
Omega
SPLUS

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



↓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



CLICK



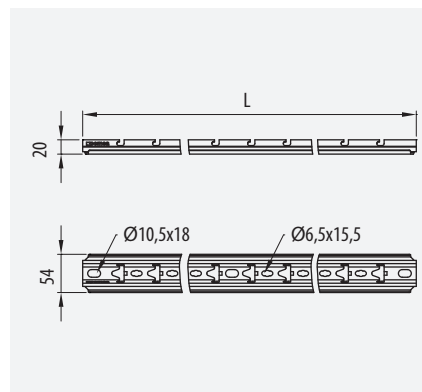
Rail Omega
SPLUS

SPLUS Omega
Channel

Rail Omega
SPLUS



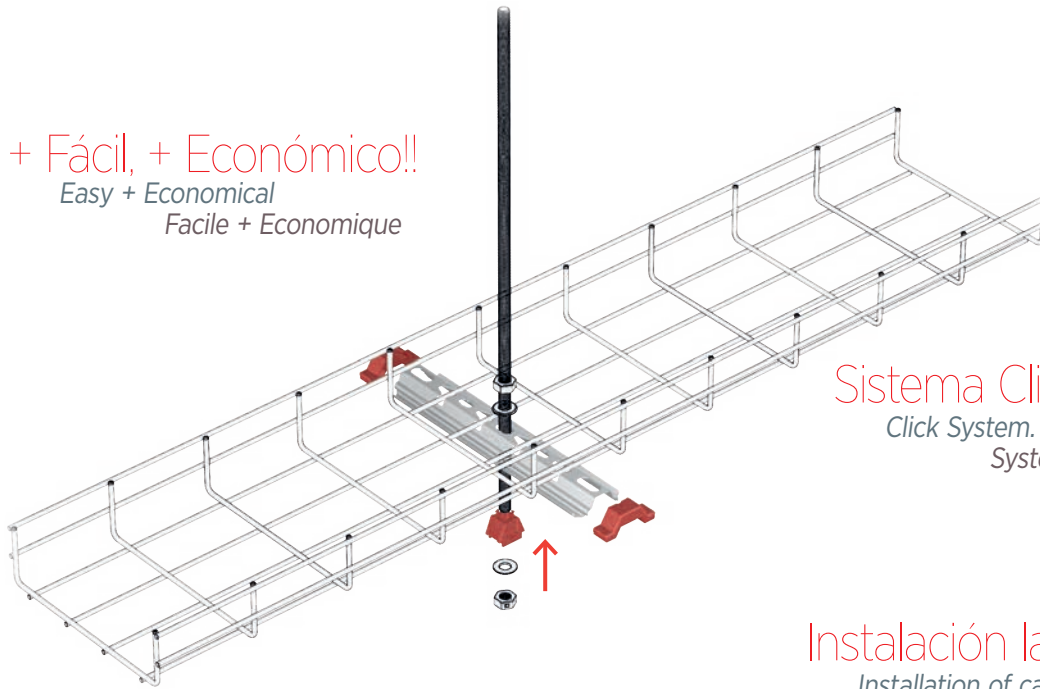
	L	Ref	kg/u	u
PG	1000	67020110	1,196	1
	2000	67020111	2,331	1
	3000	67020112	3,462	1
GC	1000	67030110	1,229	1
	2000	67030111	2,399	1
	3000	67030112	3,555	1



CLICK

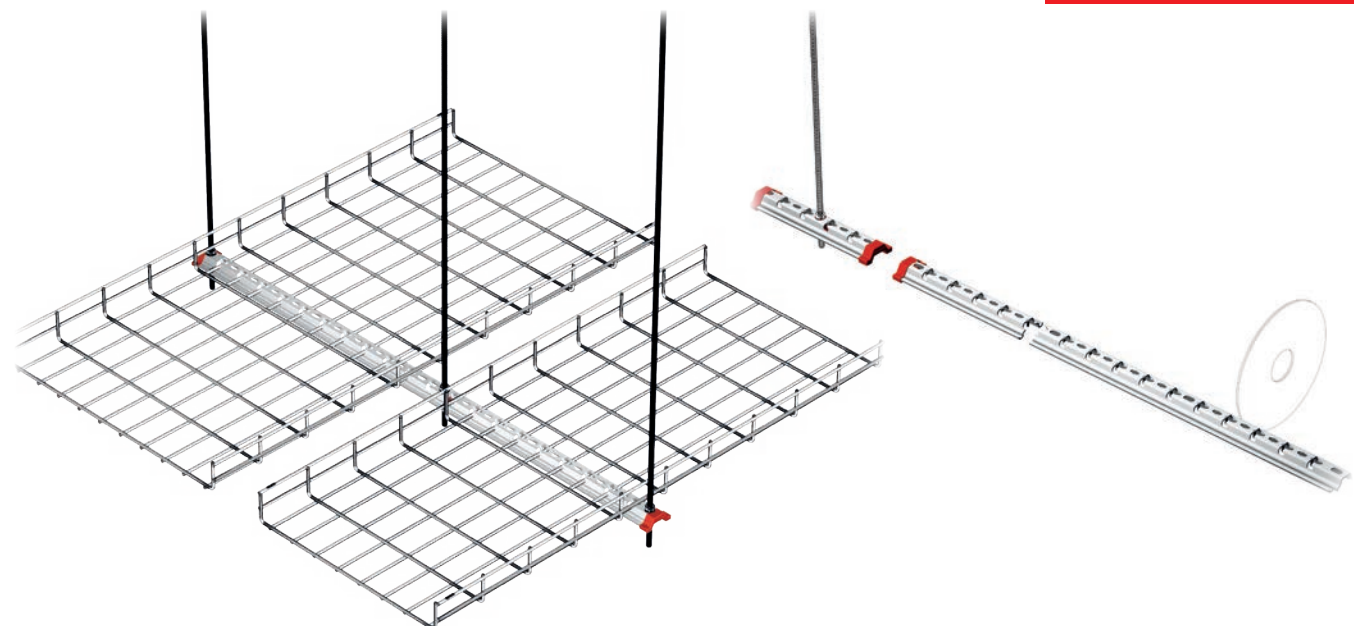
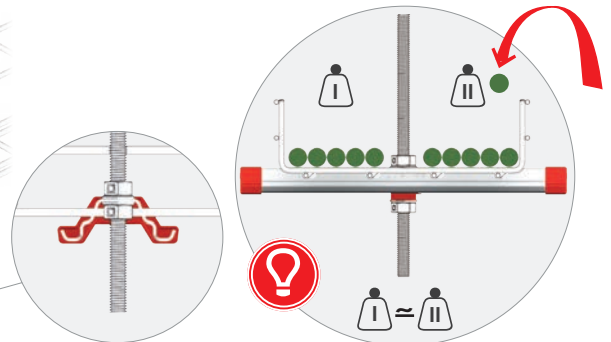
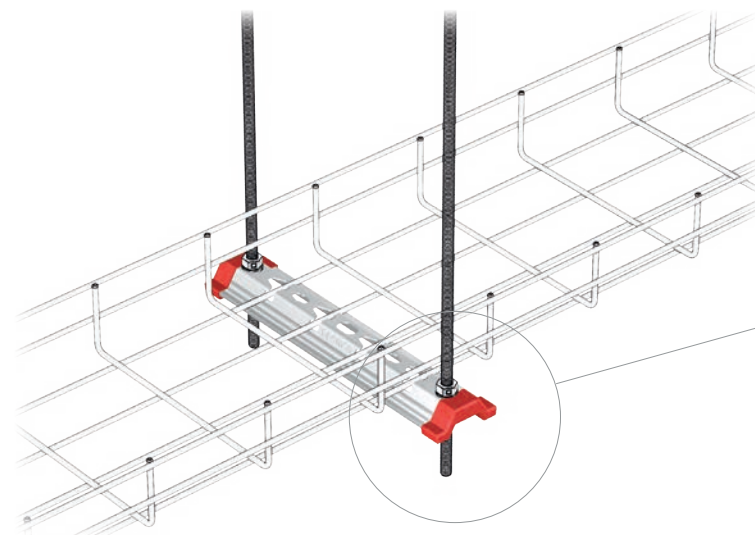


+ Fácil, + Económico!!
Easy + Economical
Facile + Economique



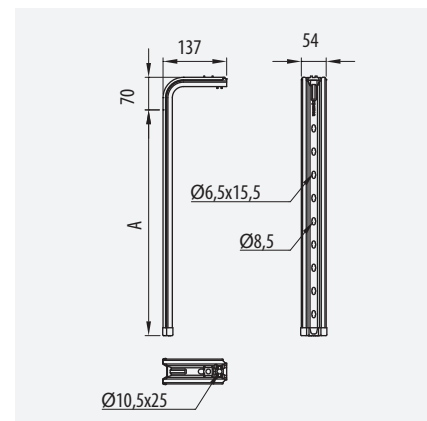
Sistema Click. Sin fijaciones
Click System. No additional fixings
Système Click sans Fixation

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




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

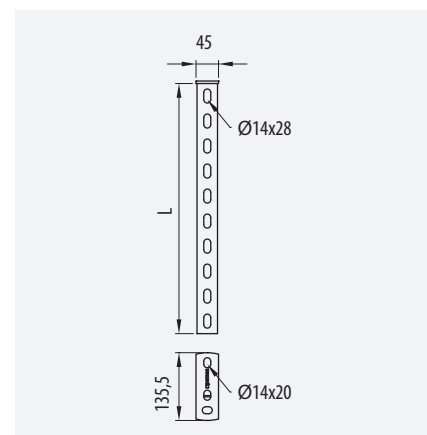

300-600				
	A	Ref	kg/u	u
GS	300	62021304	0,572	5
	400	62021404	0,693	5
	500	62021504	0,796	5
	600	62021604	0,916	5
GC	300	62031304	0,586	5
	400	62031404	0,711	5
	500	62031504	0,815	5
	600	62031604	0,939	5
C8	300	62081304	0,566	5
	400	62081404	0,681	5
	500	62081504	0,524	5
	600	62081604	0,949	5
304	300	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)	300	400	500	600	kg	Mf1 kg.m	Mf2 kg.m
	300	400	500	600	200	9	7
					200	7	6
					300	8	7
					350	10	9
	300	400	500	600	165	8	6
					180	7	6
					270	11	10
					280	11	10

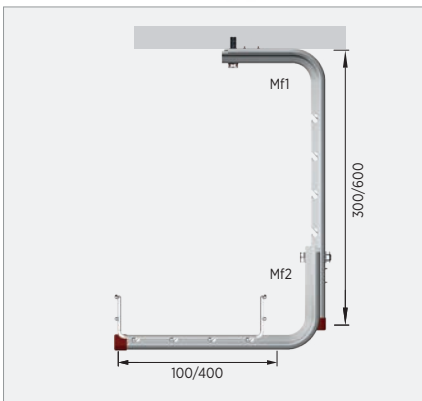
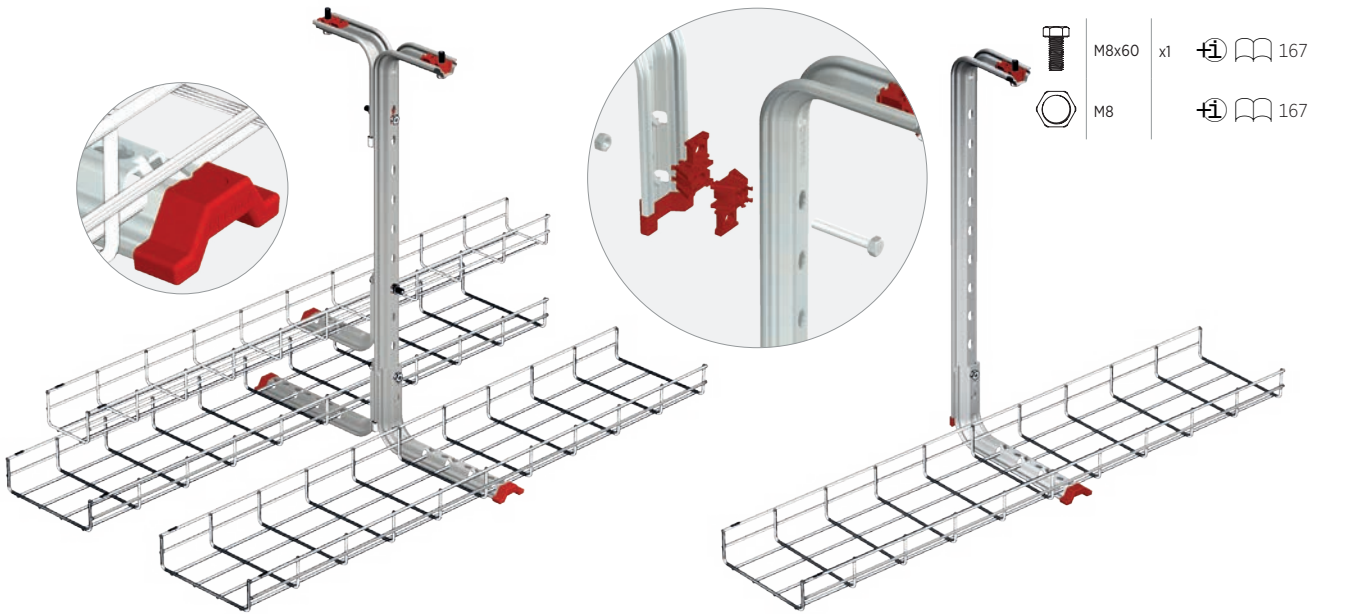

**Soporte
Techo 41x41**
**Pendant
Drop 41x41**
Pendard 41x41


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

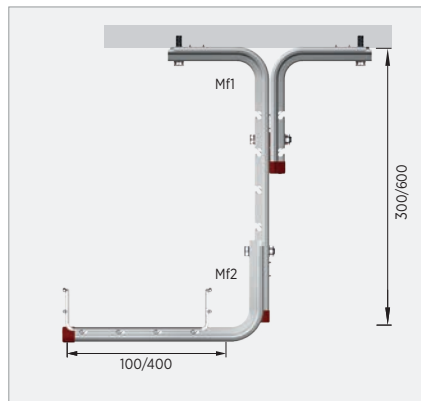


↓CTA↓ (kg)	500	1000	kg	Mf1 kg.m	Mf2 kg.m
	500	1000	350	36	43
			350	36	43

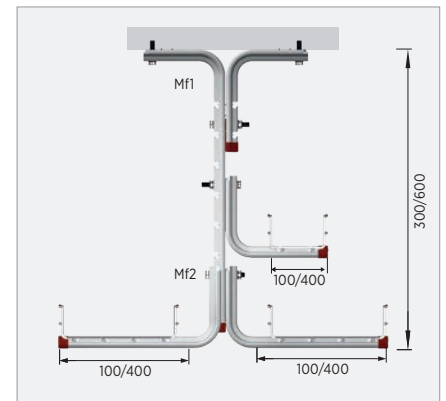




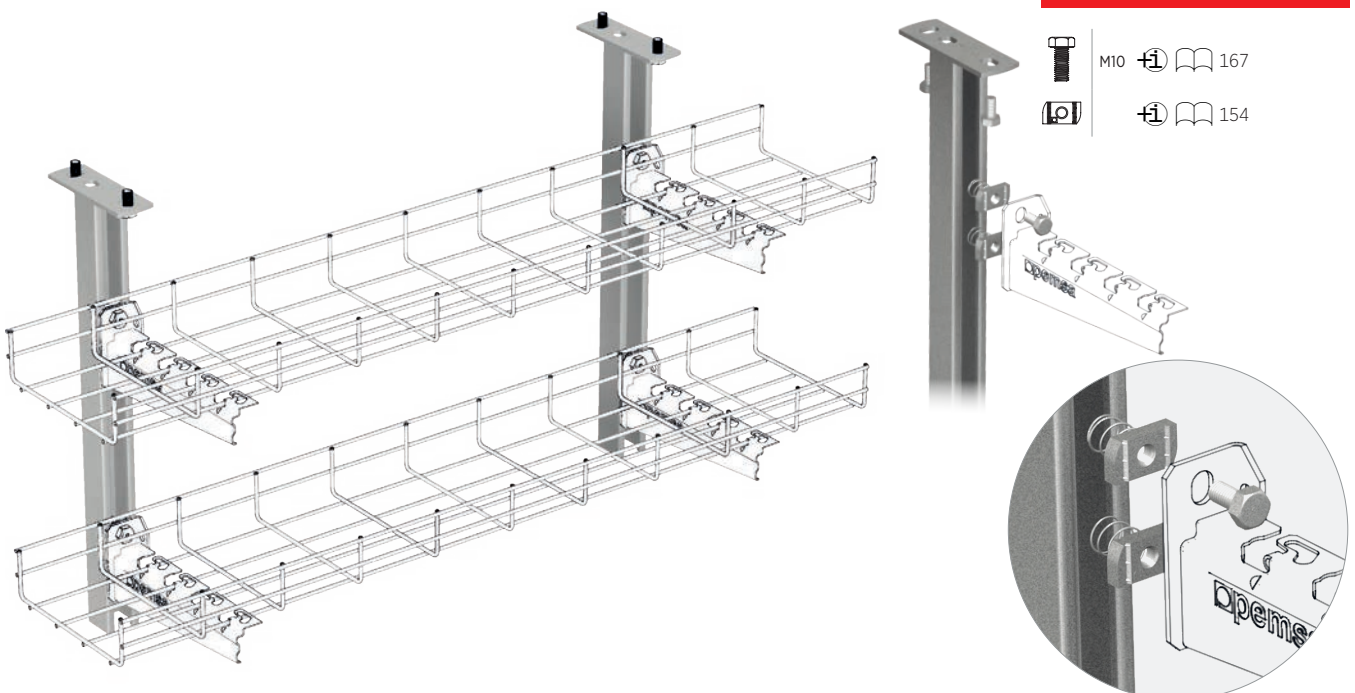
	PG	GC	316L
kg	200	180	380
Mf1	7	7	11
Mf2	6	6	13



	PG	GC	316L
kg	330	330	
Mf1	40	40	
Mf2	15	19	



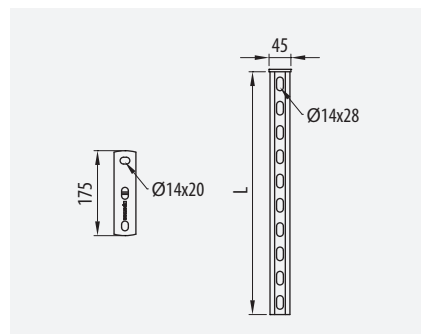
	PG	GC	316L
kg	330	330	
Mf1	40	40	
Mf2	15	19	




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

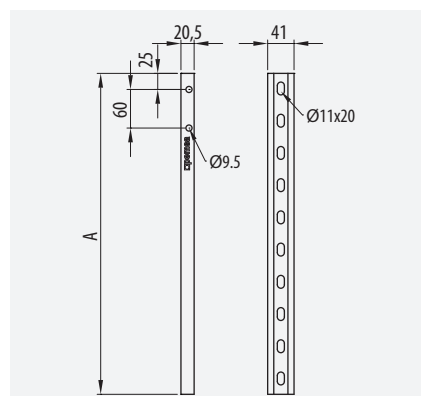

	L	Ref	kg/u	u
GC	500	67030662	2,358	1
	1000	67030663	4,161	1

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

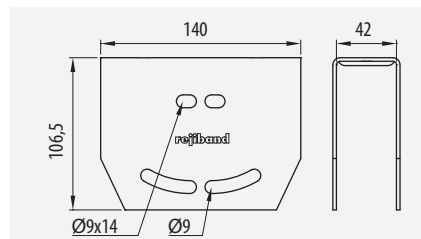

**Raíl Péndulo
Reforzado**
**Heavy Duty
Pendant
Channel**
**Echelle Rail
Pendant
Renforcé R21**


	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

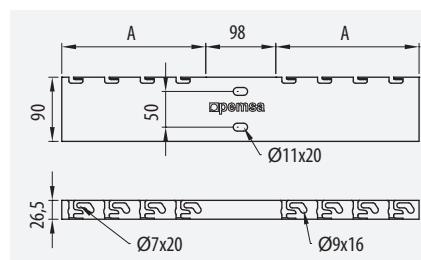

**Suspensión
Raíl Péndulo**
**Heavy Duty
Pendant Boss**
**Gousset
Double
Suspension
Raíl Pendar
Renforcé**

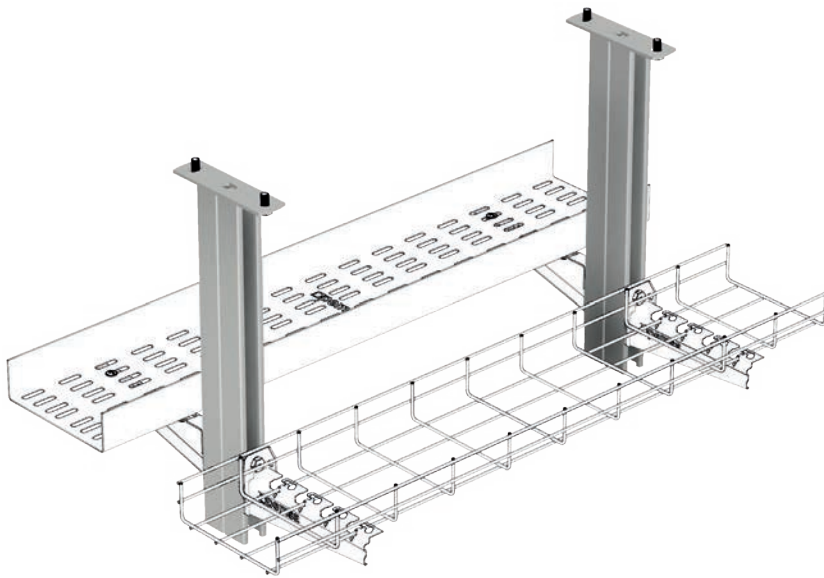

	Ref	kg/u	u
PG	67030645	0,619	1
GC	67030644	0,619	1


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

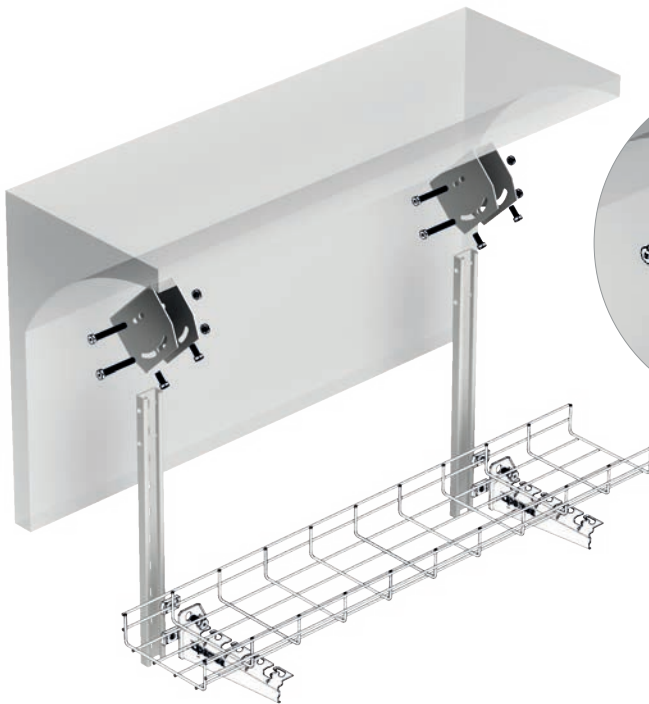
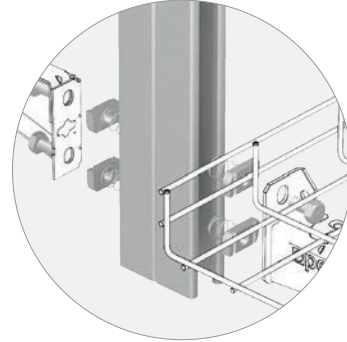

	A	Ref	kg/u	u
GC	100	63034103	0,481	4
	150	63034153	0,653	4
	200	63034203	1,042	4
	300	63034303	1,452	4

↓CTA↓ (kg)	kg
	100
	150
	200
	300

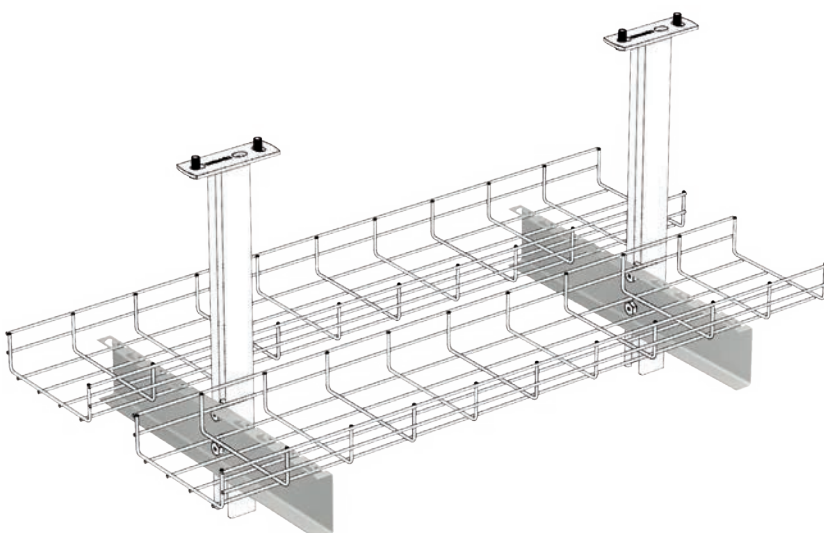
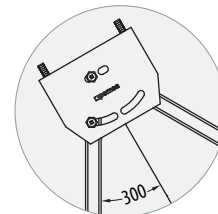
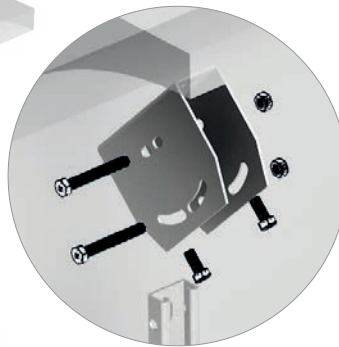




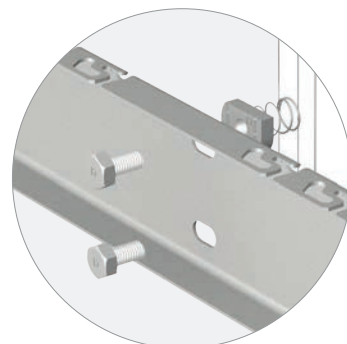
	M10x35	x4			167
		x4			154



	M8x60	x2			167
	M8	x2			167



	M10x35	x2			167
		x2			154





Fijación
Techo

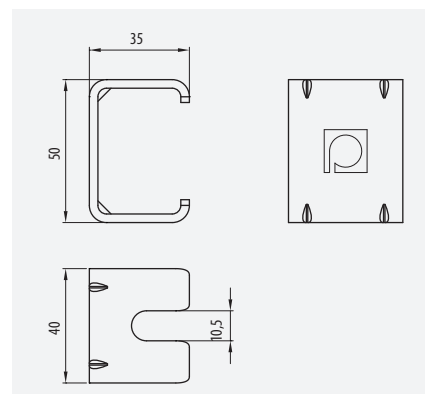
Ceiling Rod
Bracket

Fixation
Plafond



	Ref	kg/u	u
PG	67030060	0,094	10

↓CTA↓ (kg) 275



Fijación
Techo
Orientable

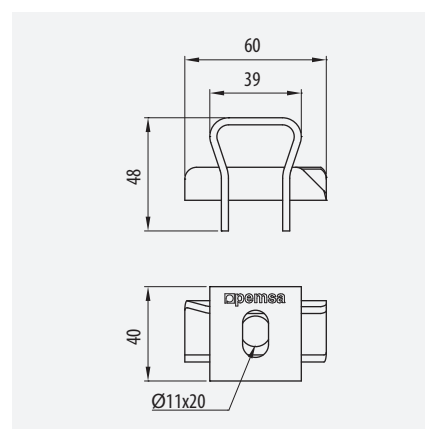
Variable
Ceiling Rod
Bracket

Fixation
Plafond
Orientable



	Ref	kg/u	u
PG	67030061	0,152	1

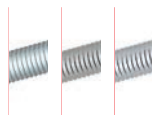
↓CTA↓ (kg) 127



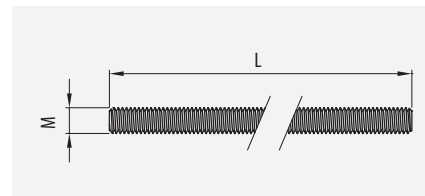
Varilla
Roscada

Threaded
Rod

Tige Filetée



	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
316L	M6	1000	67060141	0,241	50
	M8	500	67060044	0,161	50
	M8	1000	67060045	0,321	50
	M10	1000	67060145	0,491	25



↓CTA↓ (kg)

M	kg
M6	195
M8	400
M10	500



E90

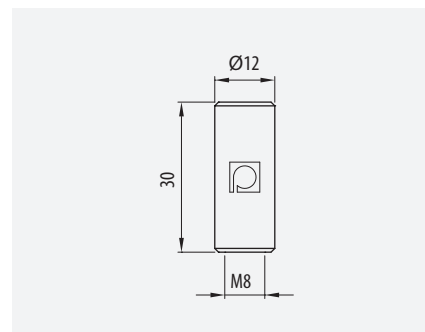
Conector M8

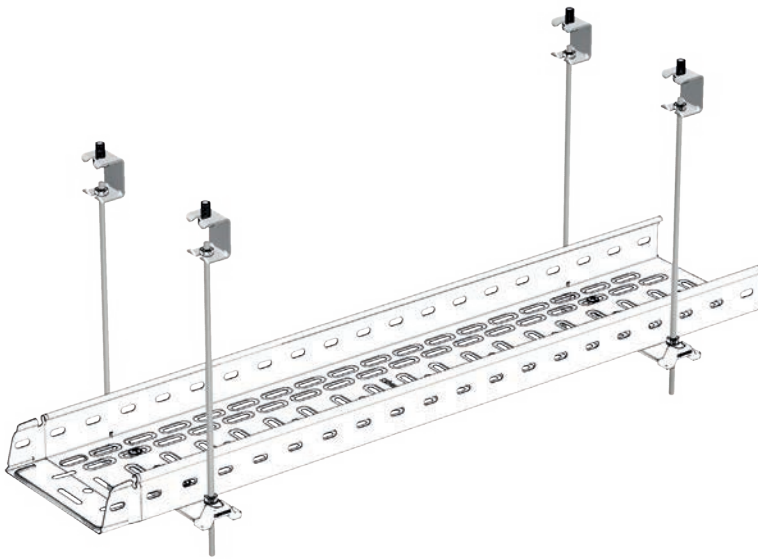
M8 Rod
Connector

Manchon
fileté M8

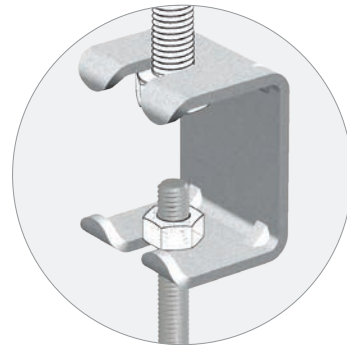


	Ref	kg/u	u
BC	67020067	0,016	50

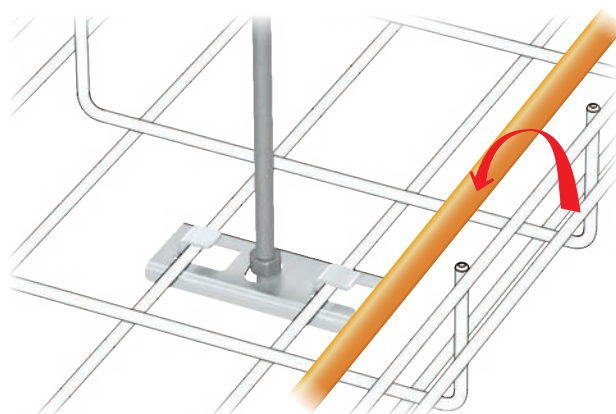




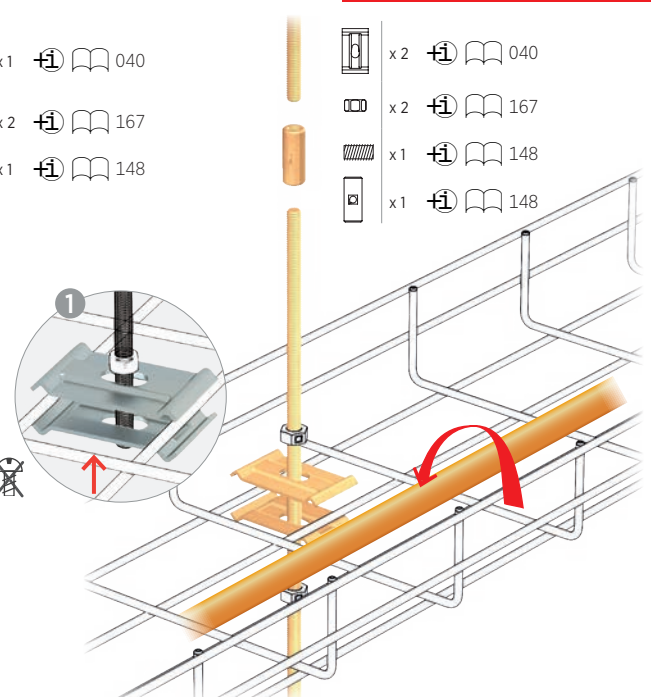
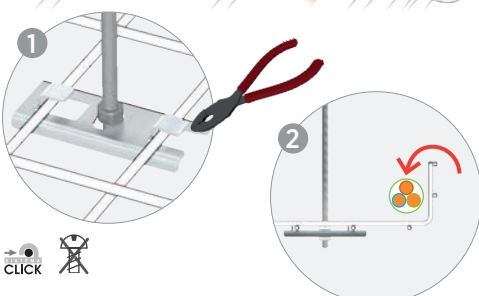
	x1		148
	x2		167



	x1		148
	x2		167



	x1		040
	x2		167
	x1		148



	x2		040
	x2		167
	x1		148
	x1		148



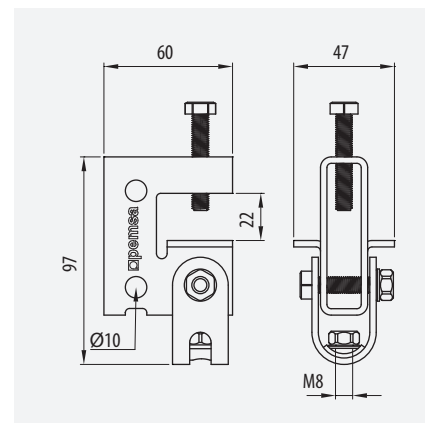
Conjunto
Péndulo
Grapa Viga

Beam Clamp
Hanging
Assembly

Agrafe poutre
pour suspension
par tige fileté



	Ref	kg/u	u
EZ	67020048	0,343	1



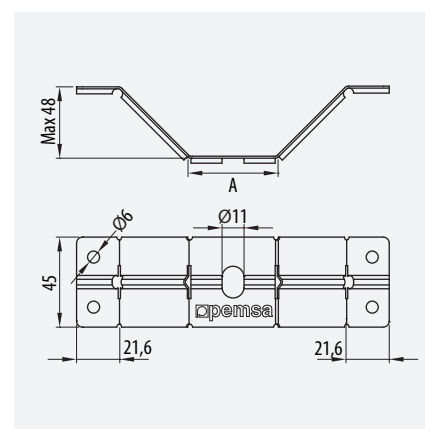
Soporte
Panel
Sandwich

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

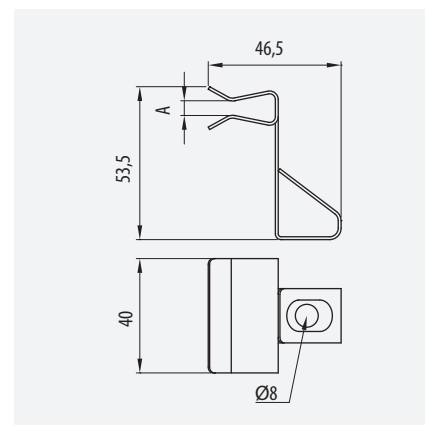
Horizontal
Angle
Hanger

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

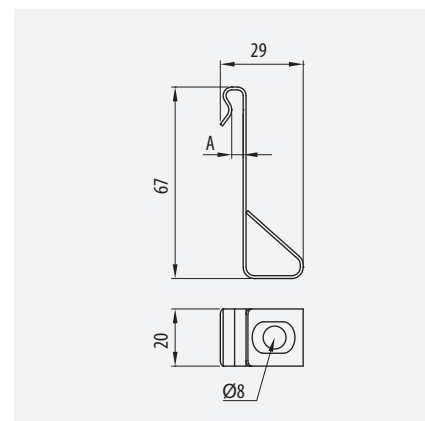
Vertical
Angle
Hanger

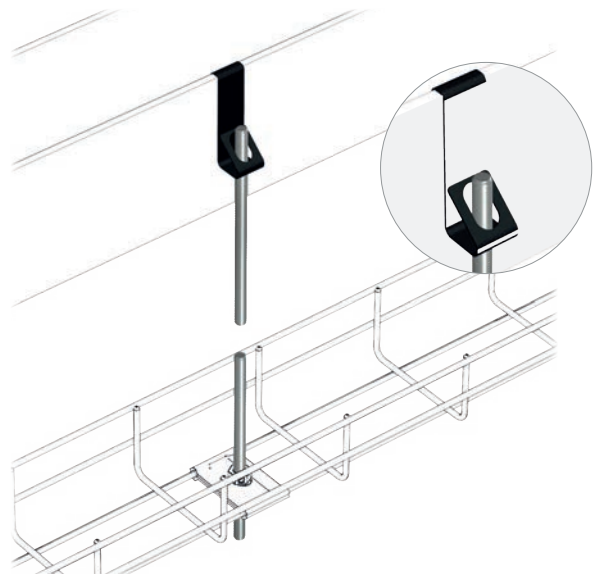
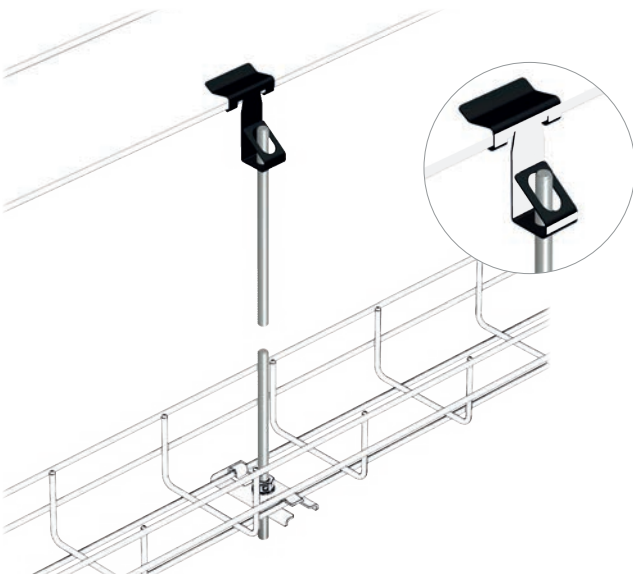
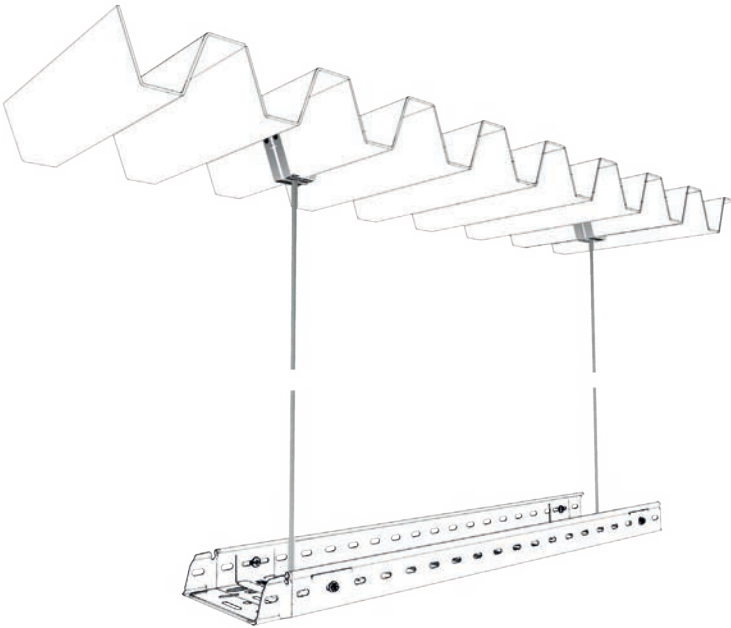
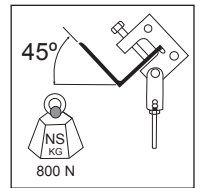
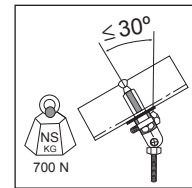
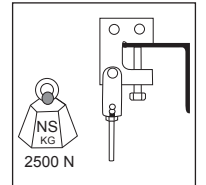
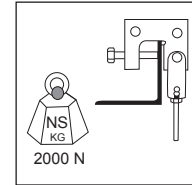
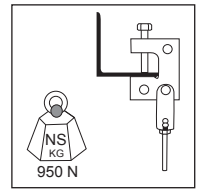
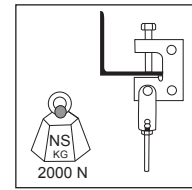
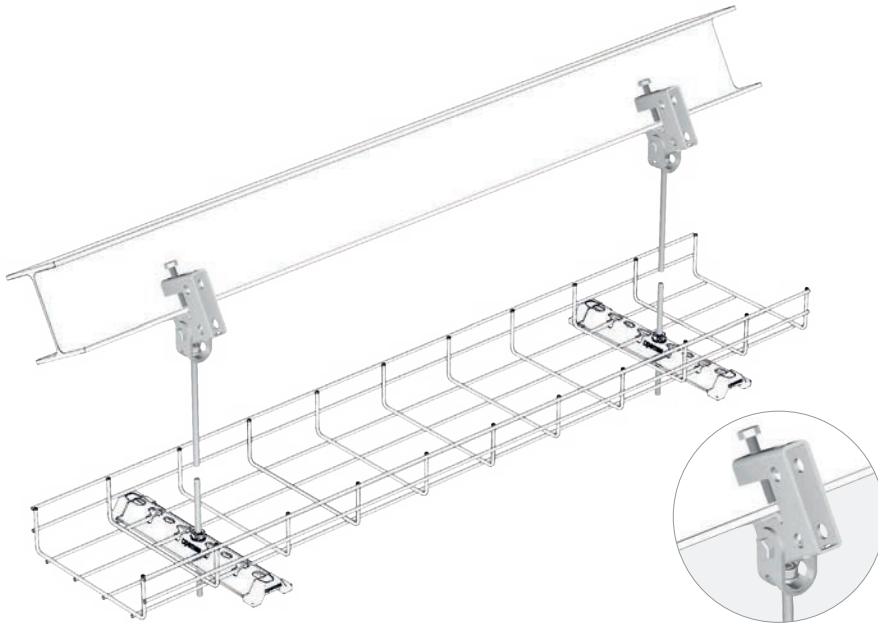
Griffe
verticale de
suspension



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

↓CTA↓ (kg) 65





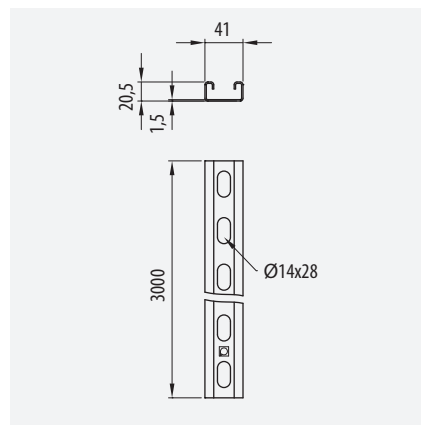
Raíl 41x21

Light Duty
Channel 41x21

Rail 41x21



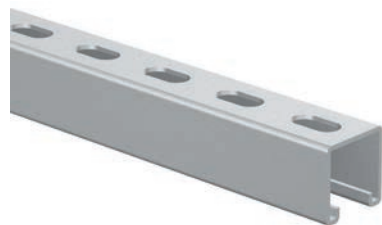
	e	Ref	kg/m	m
PG	1,5	67030075	1,211	3



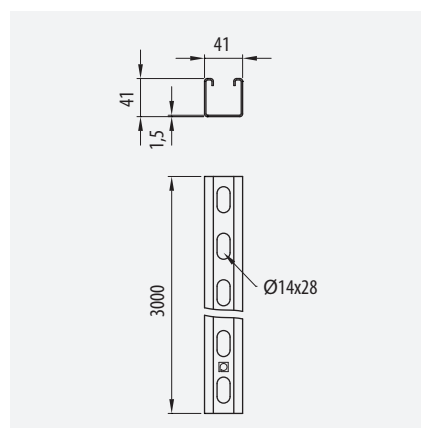
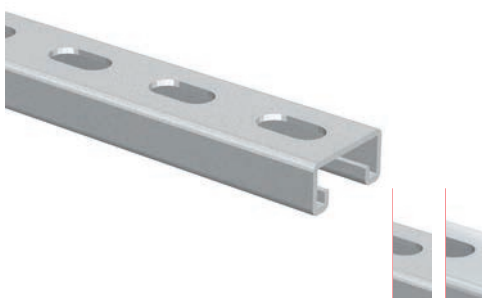
Raíl 41x41

Light Duty
Channel 41x41

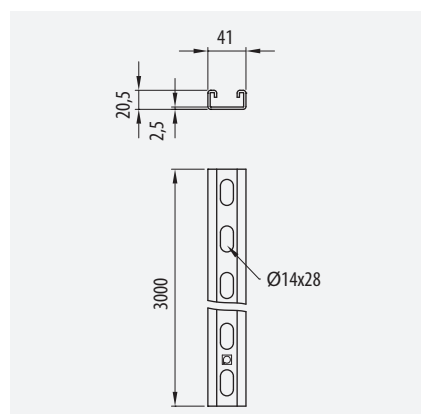
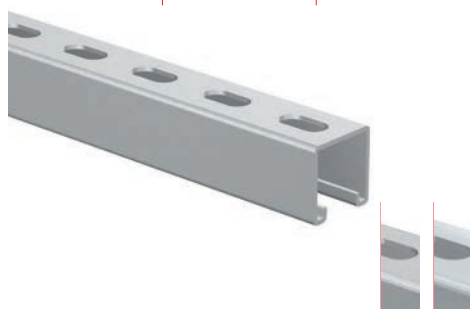
Rail 41x41



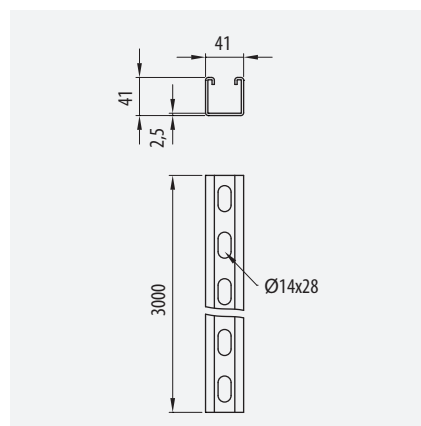
	e	Ref	kg/m	m
PG	1,5	67030074	1,681	3

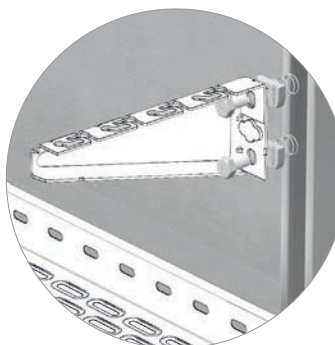
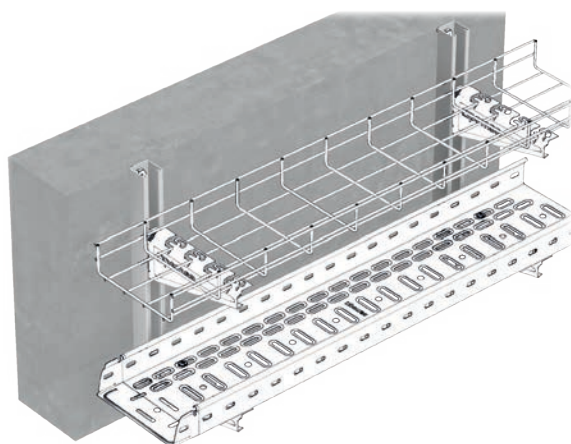
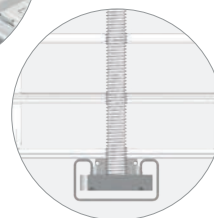
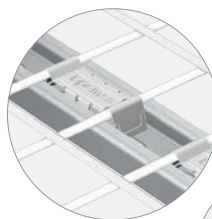
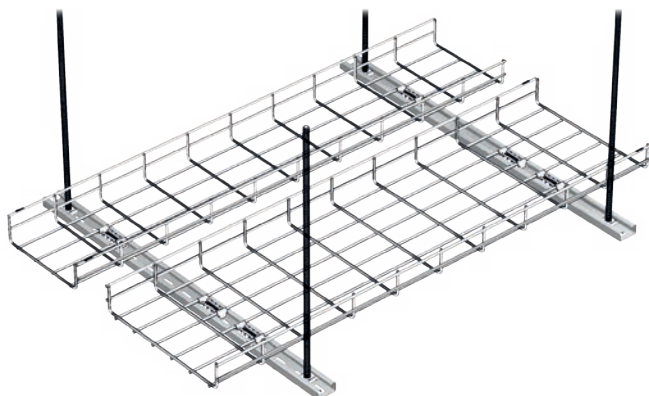
Raíl
Reforzado
41x21Heavy Duty
Channel
41x21Rail très
renforcé
41x21

	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



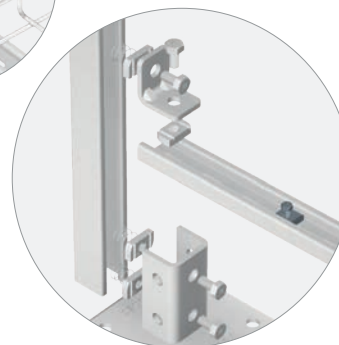
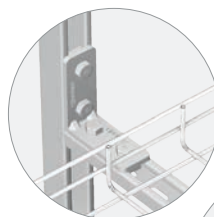
154



x1



152



M10x20

x2



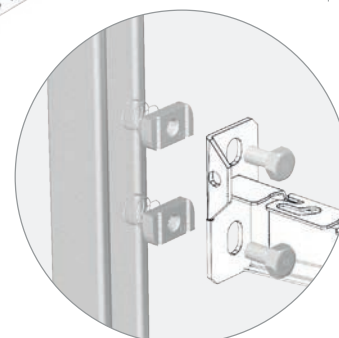
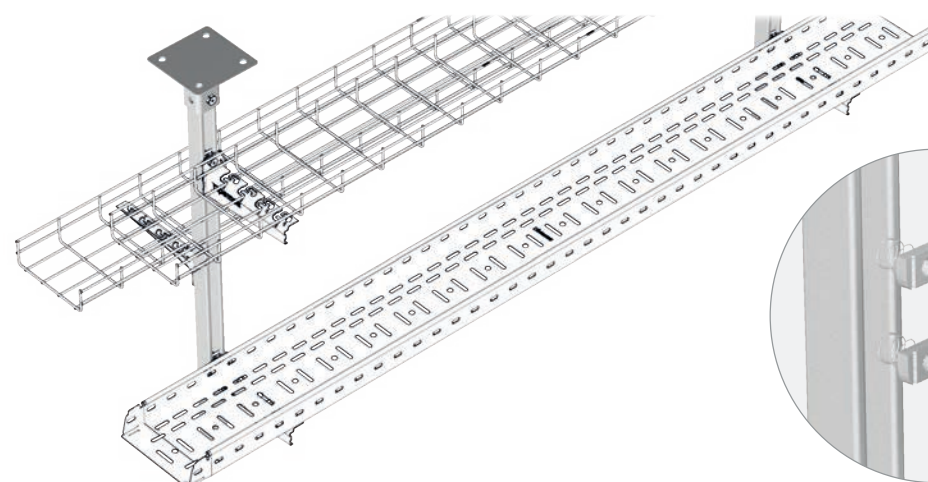
167



x2



154



M10x35

x2



167



x2

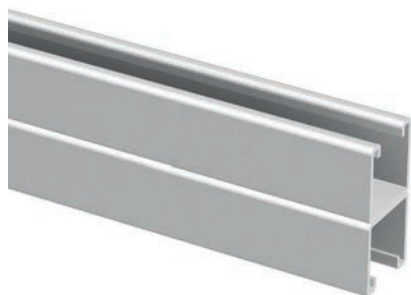


154

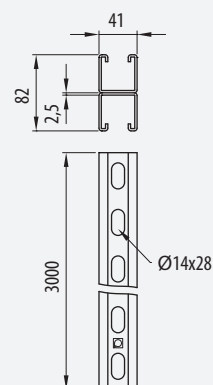
Rail Reforzado
41x82

Heavy Duty
Channel 41x82

Rail très
renforcé
41x82



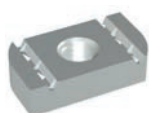
	e	Ref	kg/m	m
GC	2,5	67030157	5,292	3



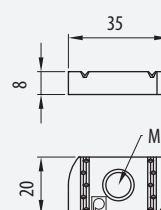
Tuerca Rail

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



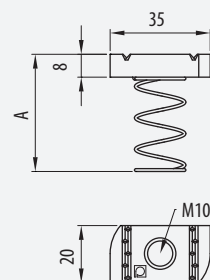
Tuerca Muelle
Rail M10

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



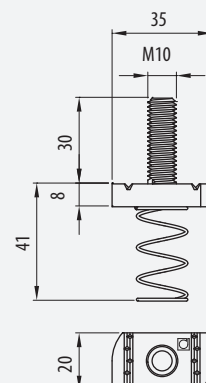
Tornillo Muelle
Rail M10

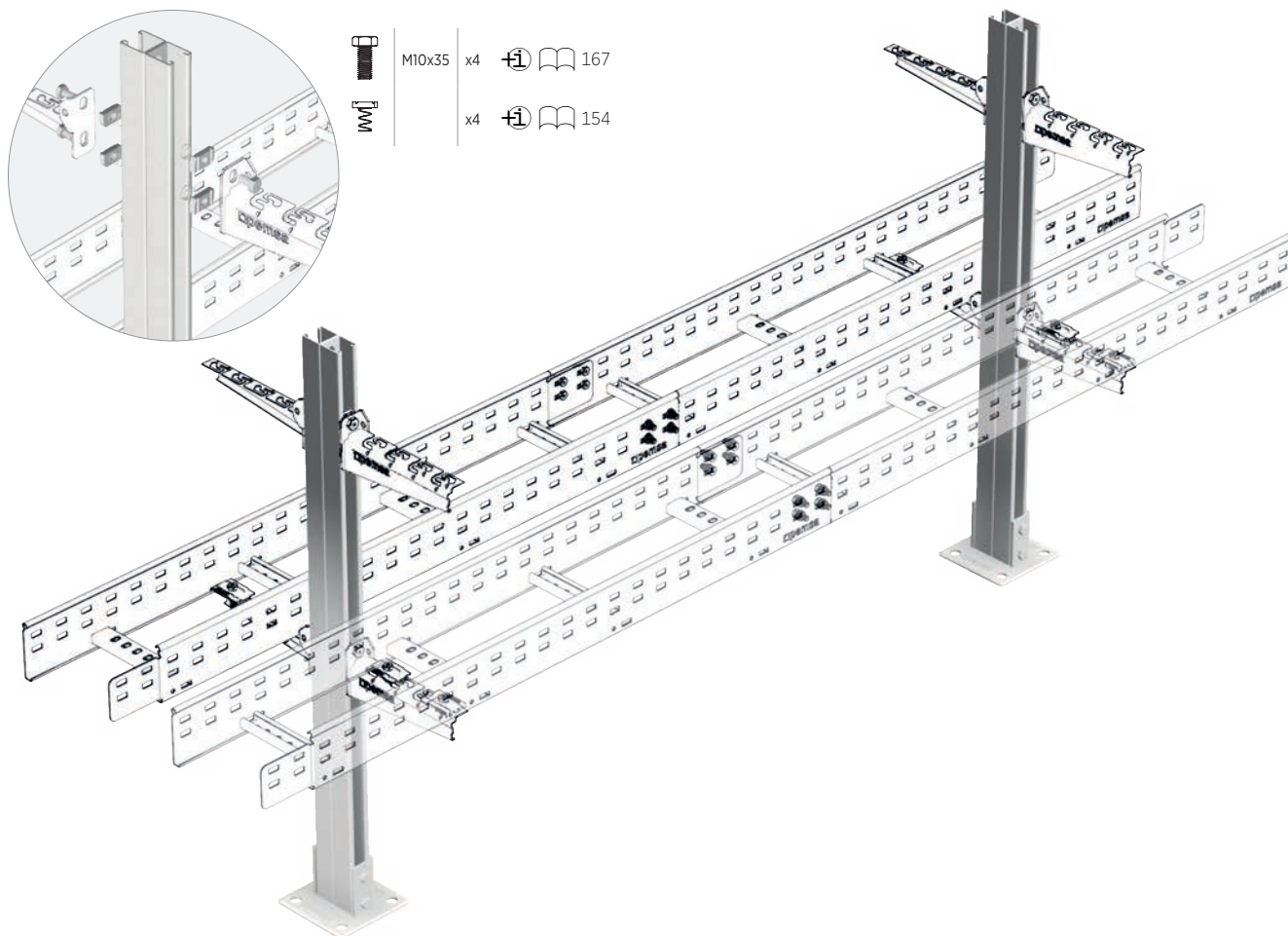
Spring Channel
Screw M10

Ecrou à
Ressort
à Vis

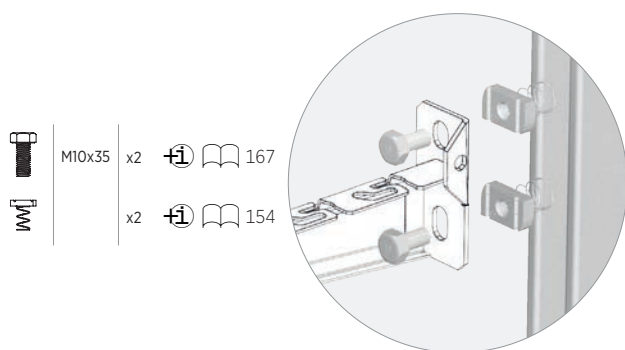


	Ref	kg/u	u
EZ	67020159	0,023	100

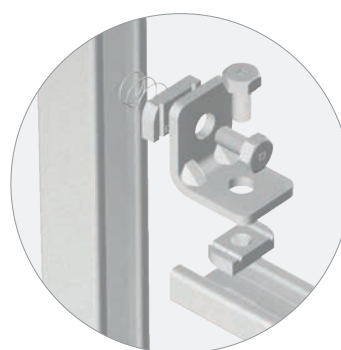




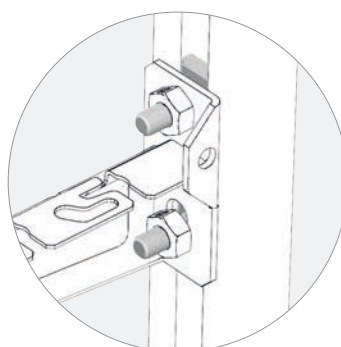
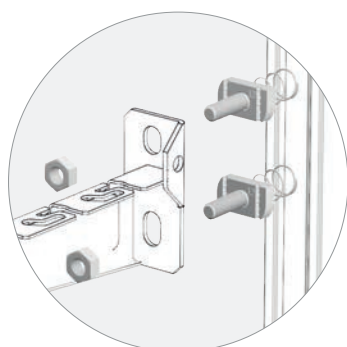
	M10x35	x4			167
		x4			154



	M10x35	x2			167
		x2			154



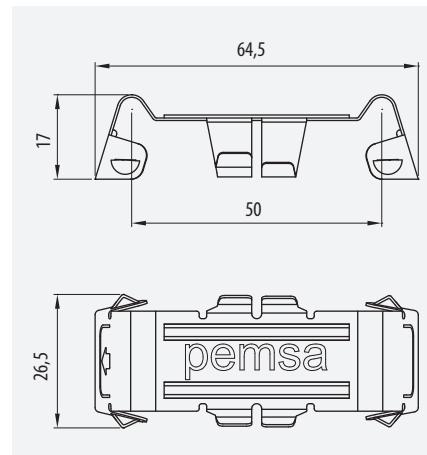
	M10x35	x2			167
	M10	x2			154
					157



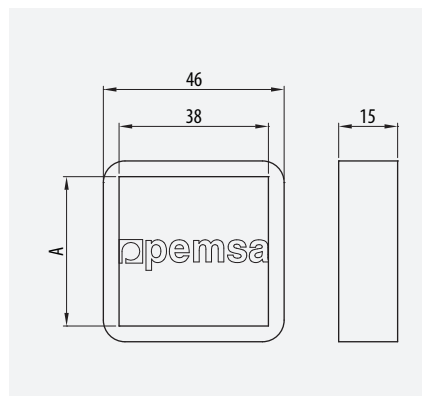
	M10x35	x2			167
	M10	x2			167

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

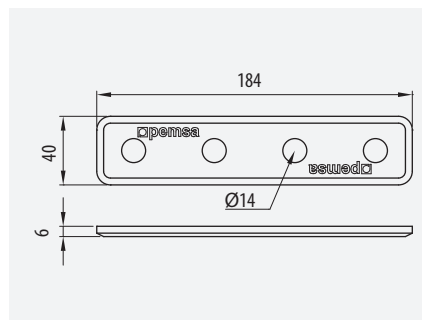

	Ref	kg/u	u
316L	67060050	0,008	100


 162 **M0A**

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

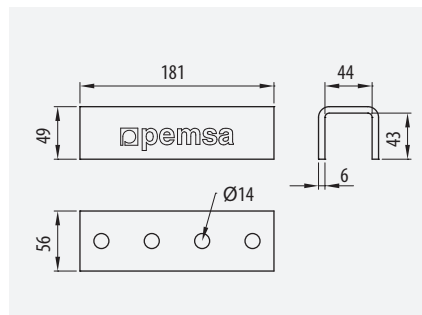

A	Ref	kg/u	u
41	68000074	0,021	50
21	68000075	0,021	100


 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

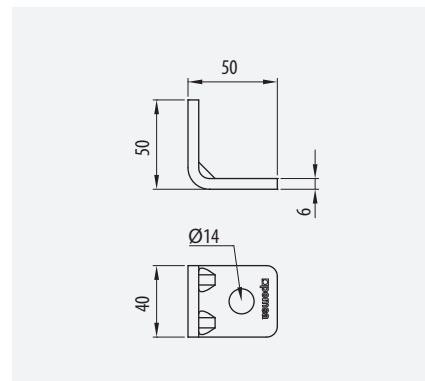
Equerre 90°
trous Nº 3



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



+1 162 M03



Unión
Escuadra 90°
Nº 4

90° 4 Hole
Angle Bracket
Nº 4

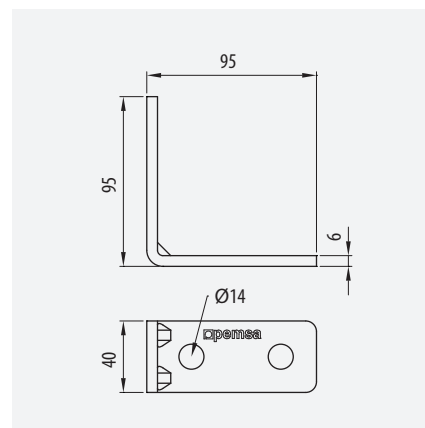
Equerre 90°
trou 4



• 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

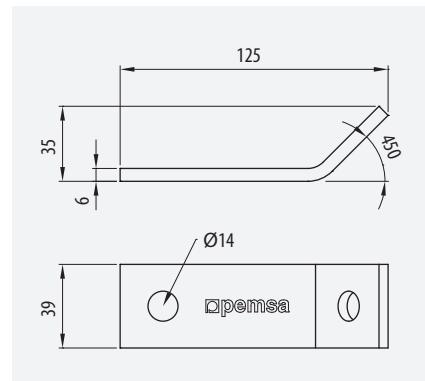
Equerre
135°Angle
Ext. Nº 5



• 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

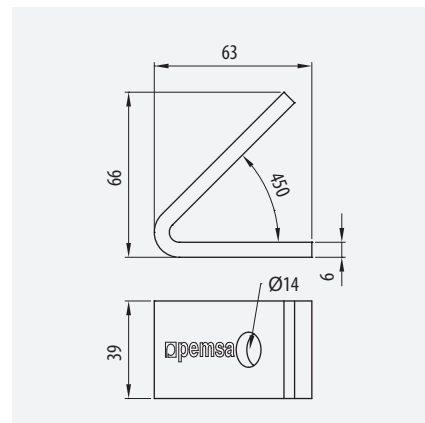
Equerre 45°
Angle Int
Nº 6



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



+1 163 M06

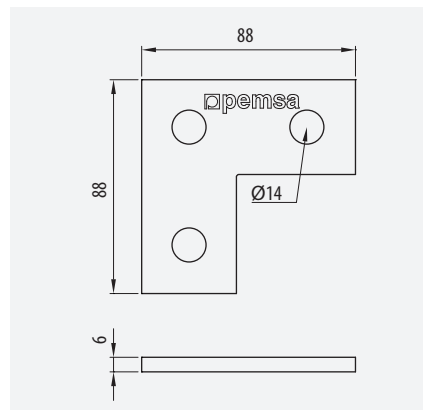


**Unión
Escuadra N° 7**
**L Bracket
N° 7**
**Equerre
Plate L N° 7**


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



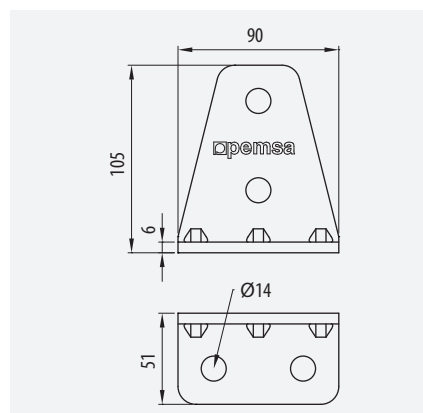
163 M07


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


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



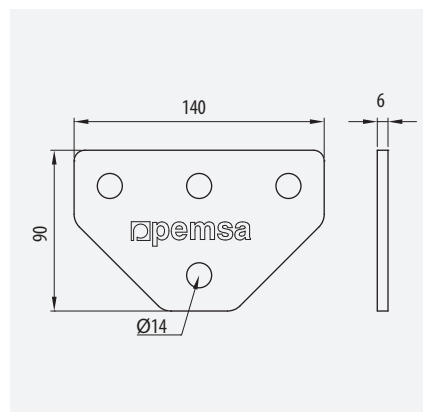
163 M08


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



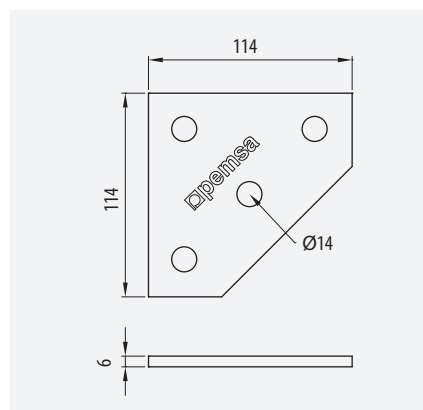
163 M09


**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**

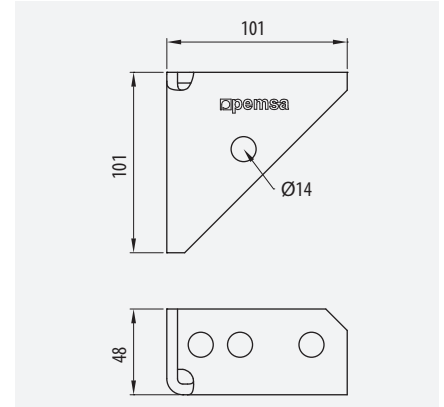
**Equerre
90°renforcée
Nº 11**



	Ref	kg/u	u
GC	67030213	0,291	1



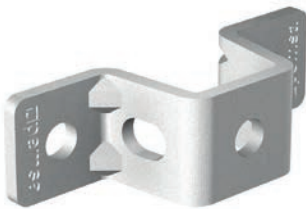
163 **M11**



**Unión U
41x41 Nº 12**

**Clamp 41x41
Nº 12**

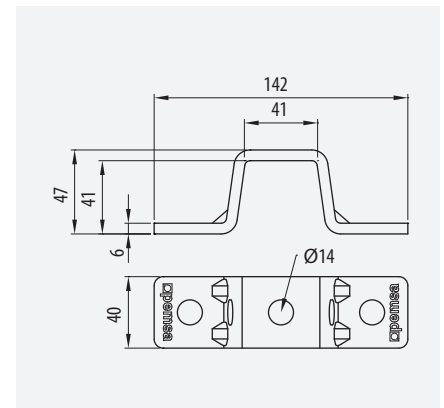
**Union
Oméga
41x41 Nº 12**



	Ref	kg/u	u
GC	67030207	0,336	1



163 **M12**



**Unión U
41x82 Nº 13**

**Clamp 41x82
Nº 13**

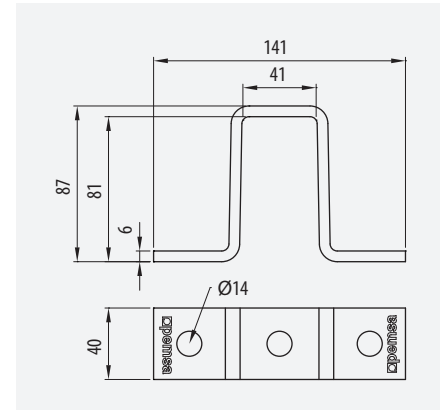
**Union
Oméga
41x82 Nº 13**



	Ref	kg/u	u
GC	67030208	0,151	1



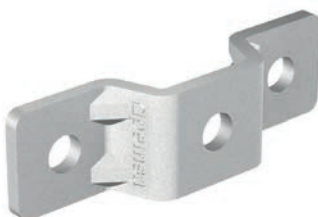
163 **M13**



**Unión U
41x21 Nº 14**

**Clamp 41x21
Nº 14**

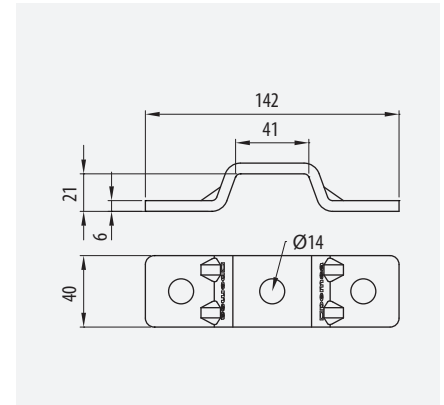
**Union
Oméga
41x21 Nº 14**



	Ref	kg/u	u
GC	67030206	0,284	1



164 **M14**



Unión
Escuadra
Doble N° 15

Double 90°
Bracket
N° 15

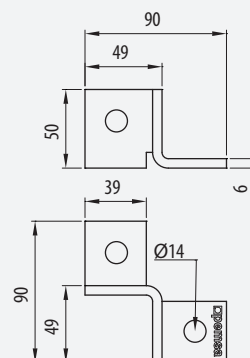
Equerre 90°
Double N° 15



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



164 **M15**



Unión
Escuadra
Lateral 90°
N° 16

90° Tee
Bracket N° 16

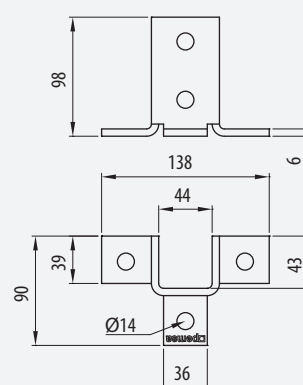
Equerre 90°
Triple N° 16



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



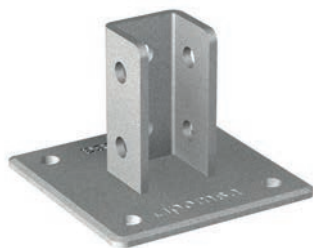
164 **M16**



Placa
Soporte
Vertical

Channel Floor
Boss 41x41

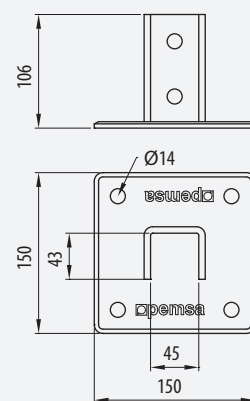
Pied Support
Vertical 41x41



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



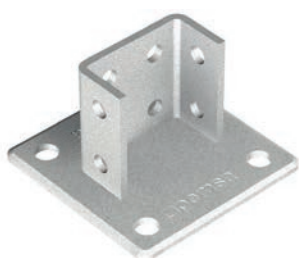
164 **M17**



Placa
Soporte
Vertical

Channel Floor
Boss 41x82

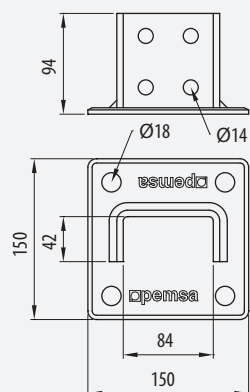
Pied Support
Vertical 41x82



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



164 **M18**



Articulación

Adjustable
Angle Bracket

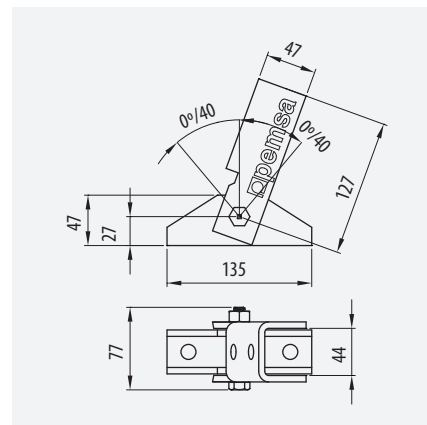
Equerre
à Angle
variable



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



164 M19



Grapa
Abarcón

Channel
Beam Clamp

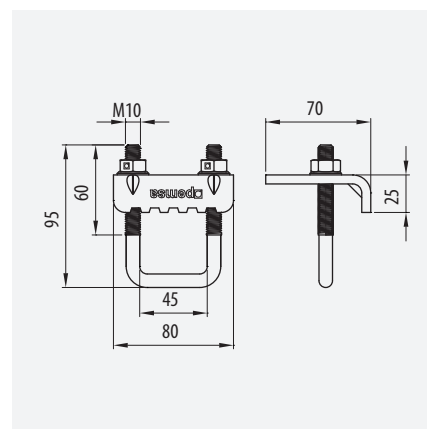
Agrafe poutre
Rail 41x21



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



164 M20



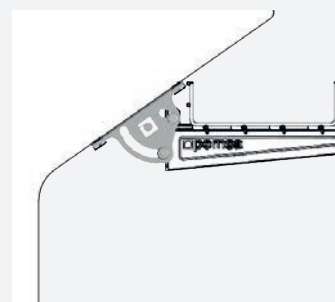
Soportes variables
Adjustable brackets
Supports variables

SOLUTIONS

Túneles

Tunnels

Tunnels

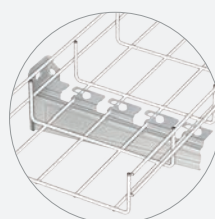
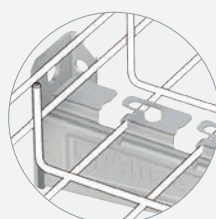
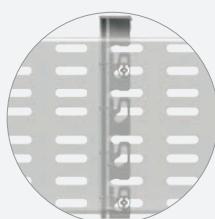
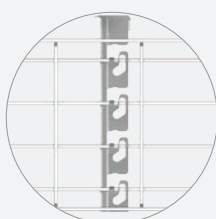
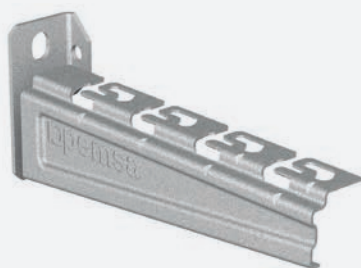


RPLUS

Soportes
Reforzados

Heavy Duty
Cantilever

Support
Renforcé

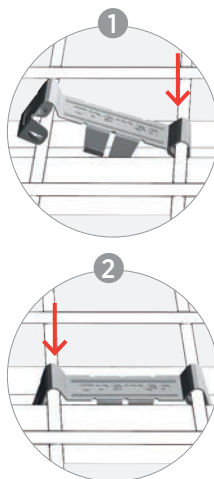
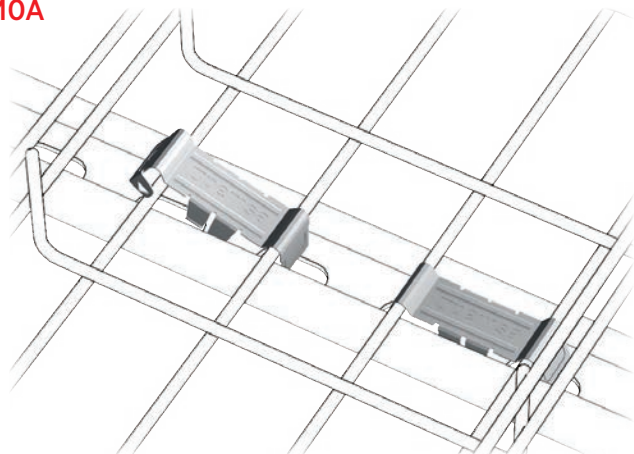


Universal
Compatible para todas las bandejas
Compatible with all of the cable trays
Compatible avec toutes les dalles

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



130

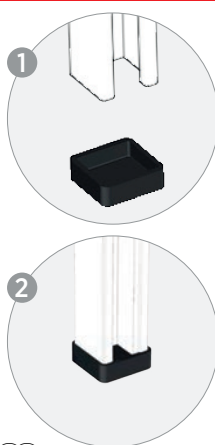
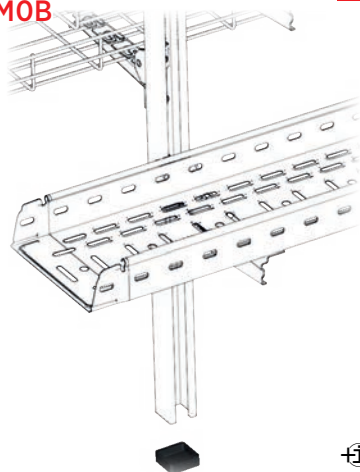
MOA

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

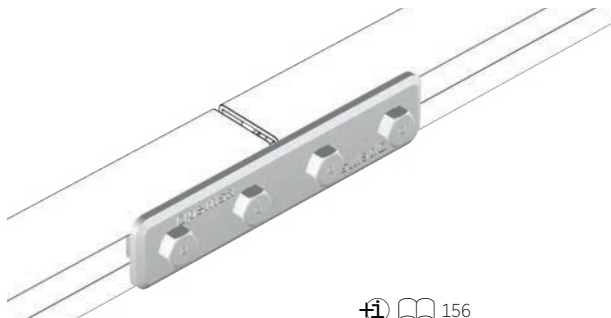
x4

167



x4

154



156

M02

M10x35

x2

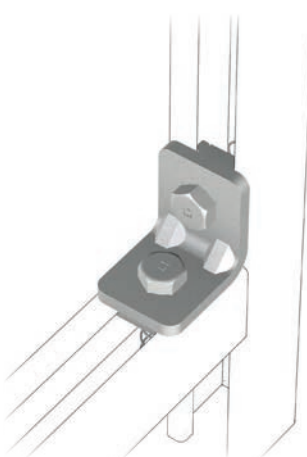
167



x2

154

157

M03

M10x35

x2

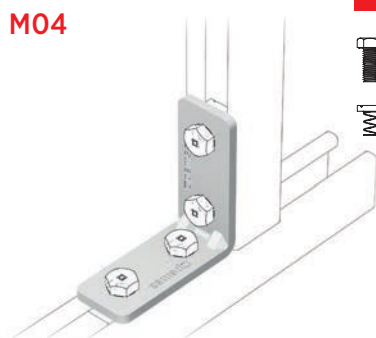
167



x2

154

157

M04

M10x35

x4

167



x4

154

157

M05

M10x35

x2

167

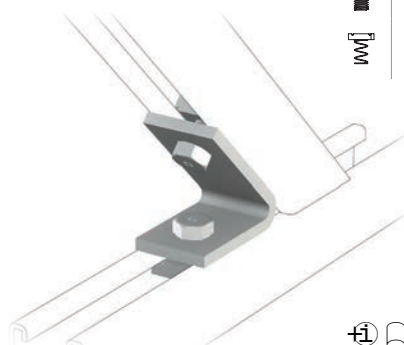


x2

154

157

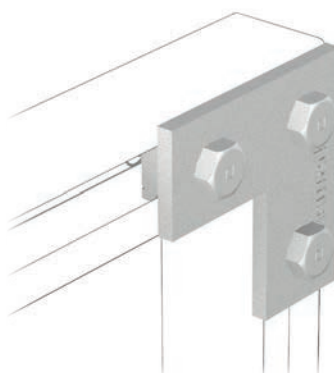
M06



	M10x35	x2		167
		x2		154

 157

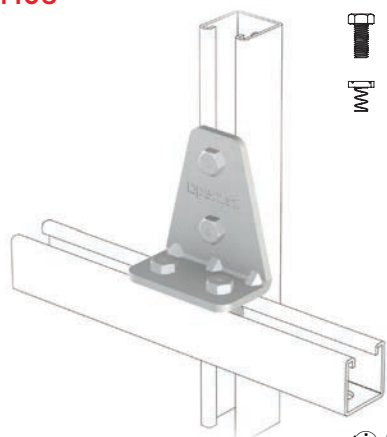
M07



	M10x35	x3		167
		x3		154

 158

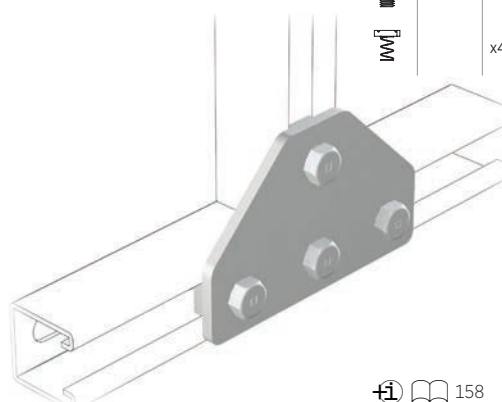
M08



	M10x35	x4		167
		x4		154

 158

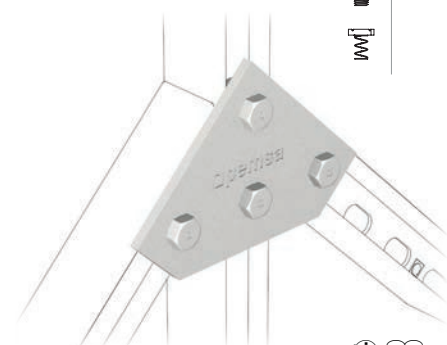
M09



	M10x35	x4		167
		x4		154

 158

M10



	M10x35	x4		167
		x4		154

 158

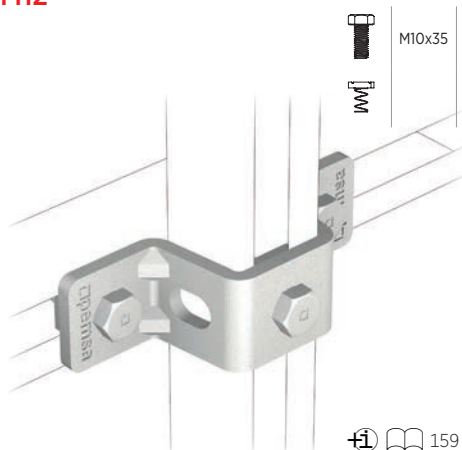
M11



	M10x35	x4		167
		x4		154

 159

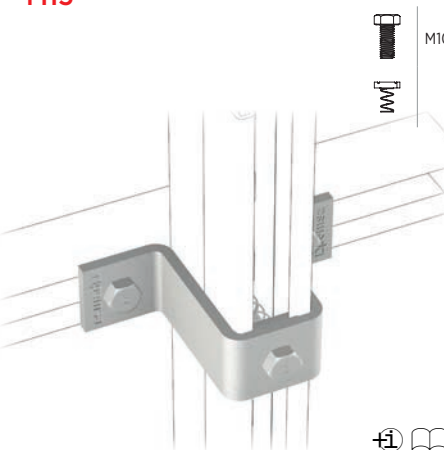
M12



	M10x35	x3		167
		x3		154

 159

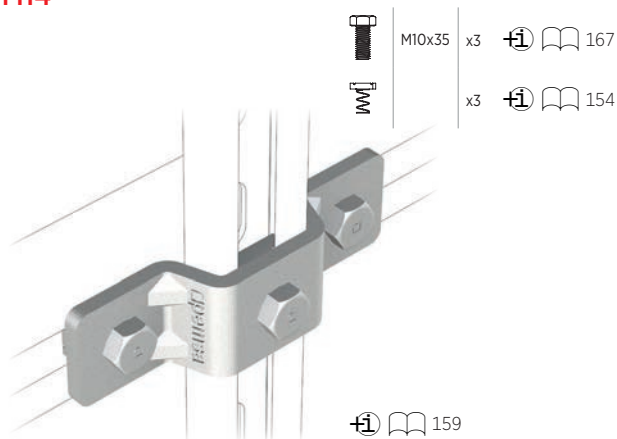
M13



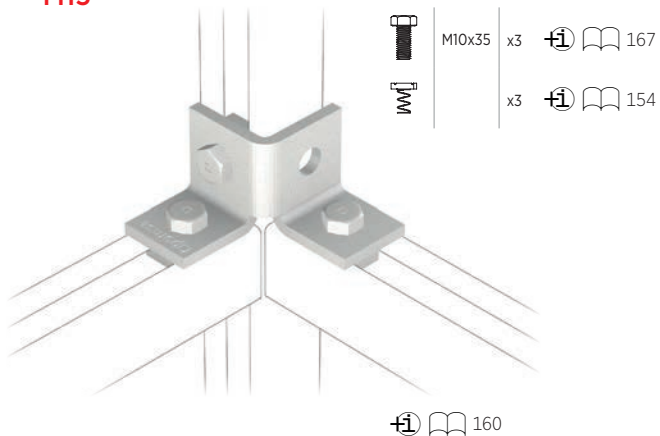
	M10x35	x3		167
		x3		154

 159

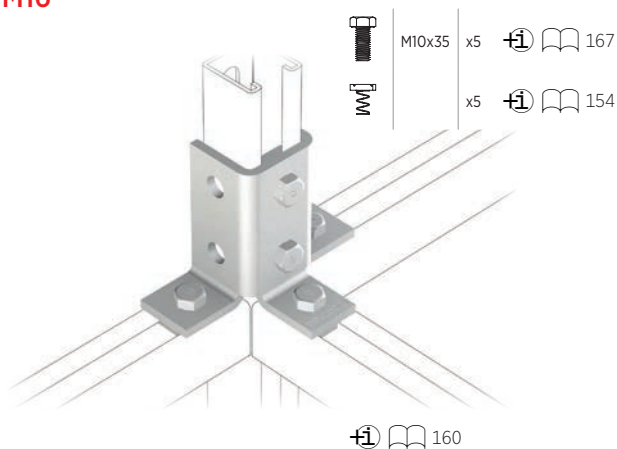
M14



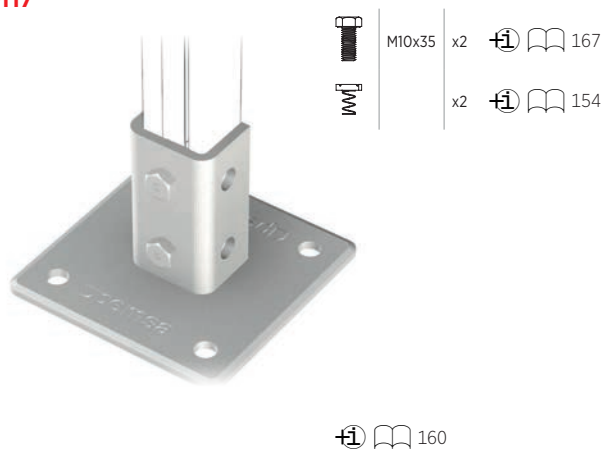
M15



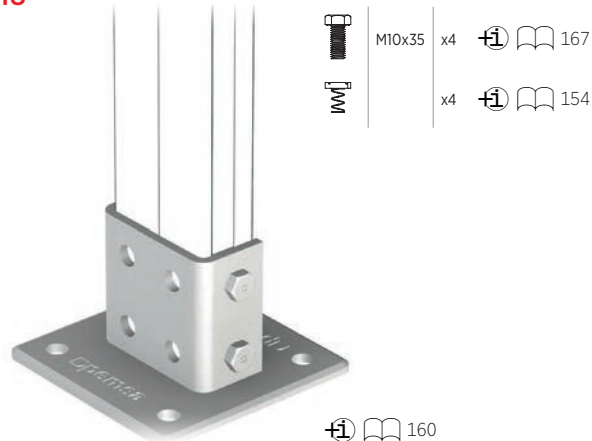
M16



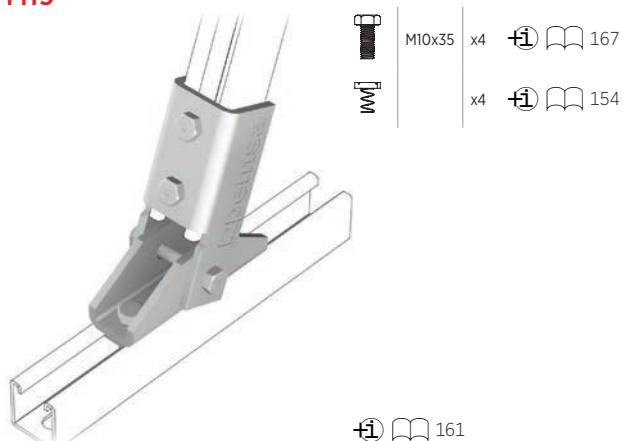
M17



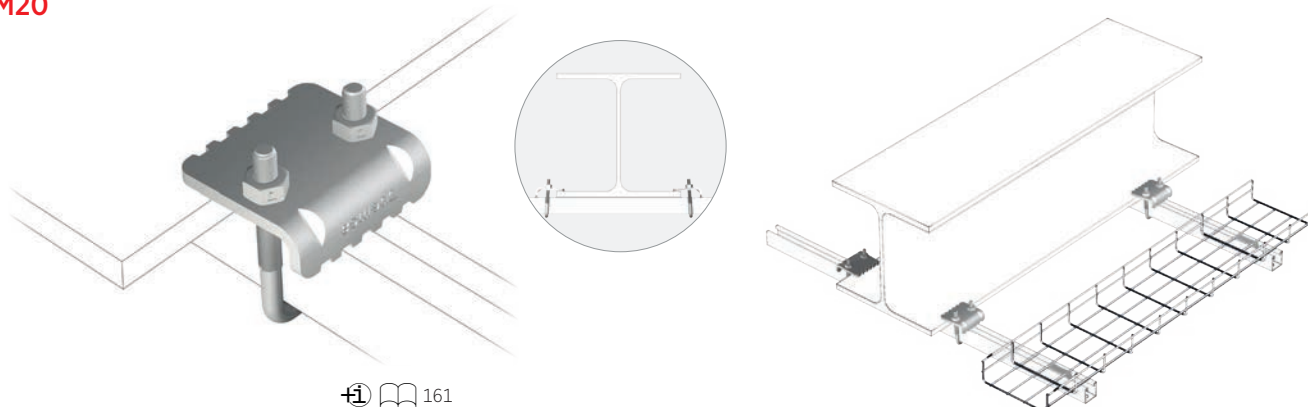
M18



M19



M20

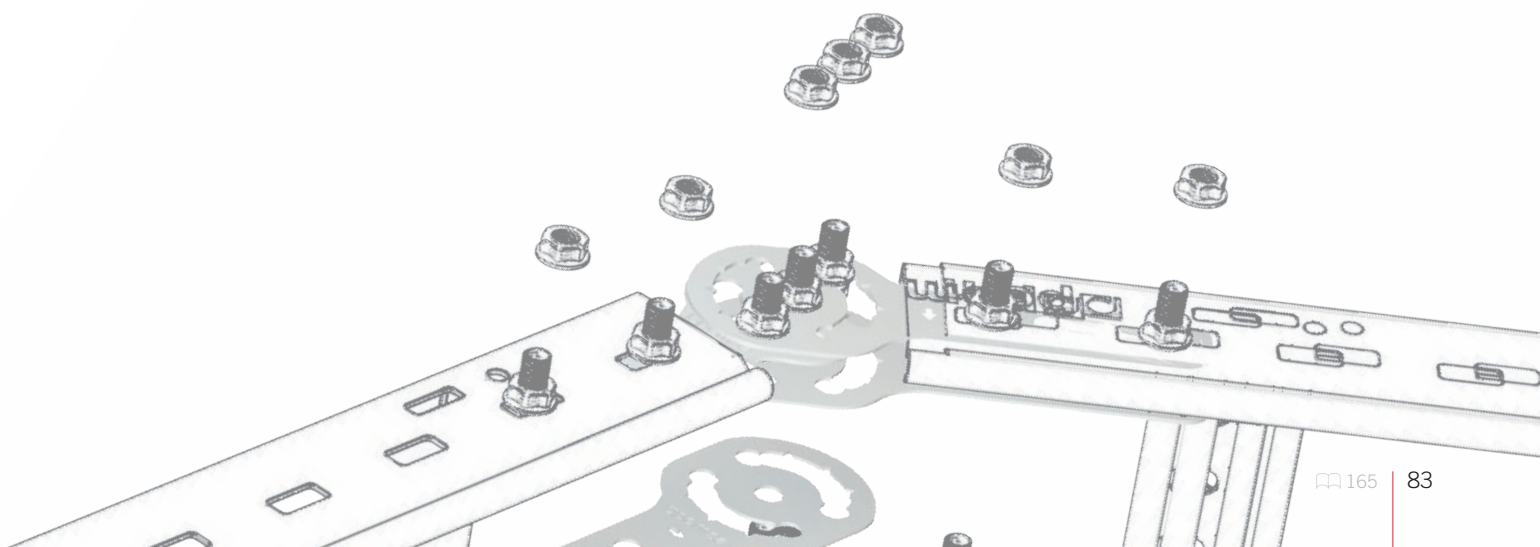


Tornillería / *Fixings* / *Visserie*

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

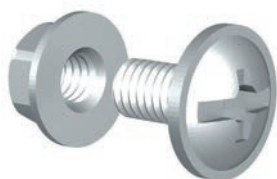




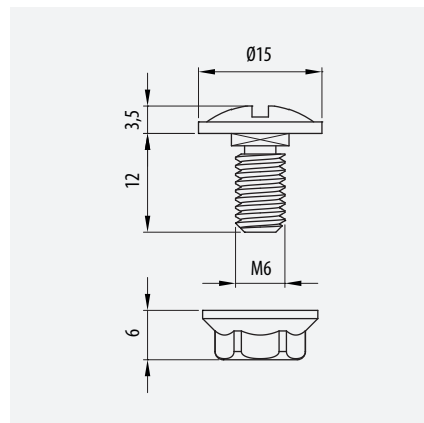
Kit Unión
pemsa^{band}®

pemsa^{band}®
Joint Kit

Kit Éclisse
pemsa^{band}®



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



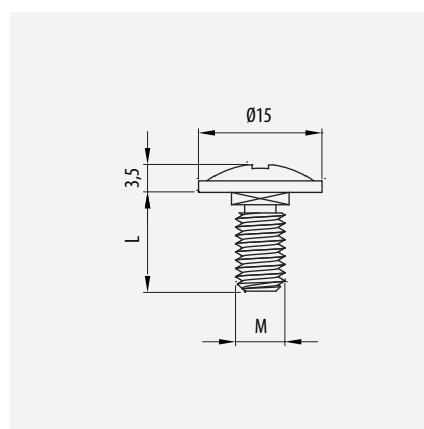
Tornillo
C/DIN603

Shoulder
Screw M6X12

Boulon
Poêlier



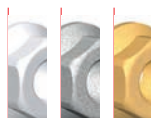
	M	Ref	kg/m	u
EZ	M6x12	67010099	0,005	100
	M6x20	67010100	0,007	100
BC	M6x20	67020100	0,007	100
	M6x12	67030099	0,006	100
GC	M6x20	67030100	0,007	100
	M6x30	67030109	0,006	100
316L	M6x20	67060100	0,007	100



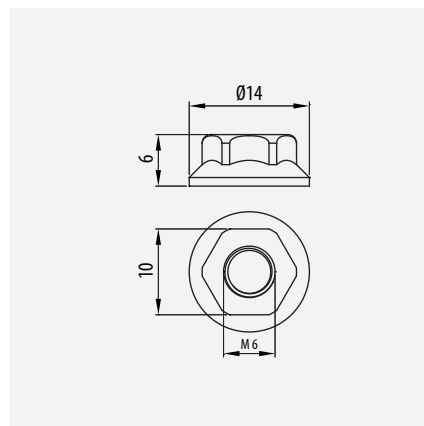
Tuerca
Arandela

Serrated Hexagon
Flange Nut

Ecrou à
Embase
Crantée



	M	Ref	kg/m	u
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}®

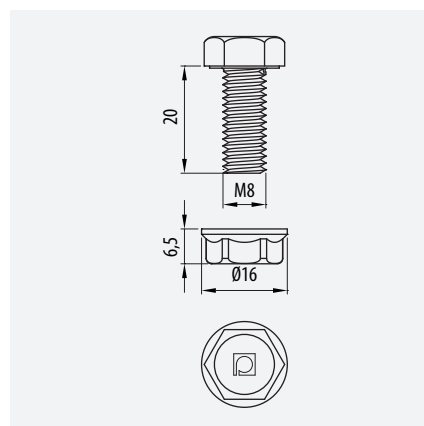
mega^{band}®
Joint Kit

Kit Éclisse
mega^{band}®



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

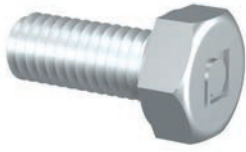
	M	Ref 1	Ref 2	u
EZ	M8x20+M8	67010065	67020095	100
316L	M8x20+M8	67060065	67060062	100



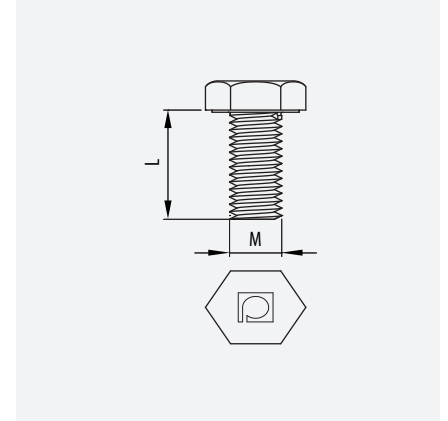
Tornillo
C/Exagonal

Hexagonal
Set Screw

Vis
Héxagonale



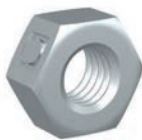
	M	Ref	kg/m	
EZ	M8x20	67010065	0,014	100
	M8x35	67010066	0,020	100
	M8x15	67010068	0,013	100
	M10x60	67020010	0,042	100
	M6x15	67020054	0,008	100
	M10x20	67020059	0,023	100
	M10x35	67020077	0,029	100
GC	M8x65	67020092	0,040	100
	M10x60	67030010	0,042	100
	M10x20	67030059	0,023	100
	M8x20	67030065	0,014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



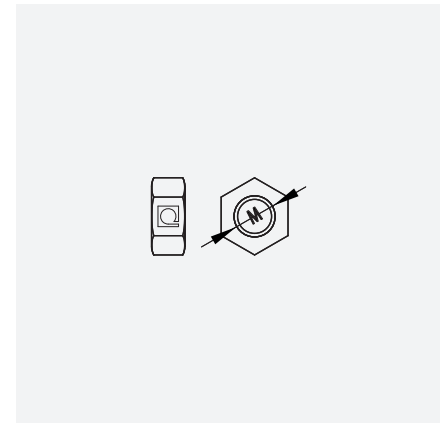
Tuerca
Exagonal

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



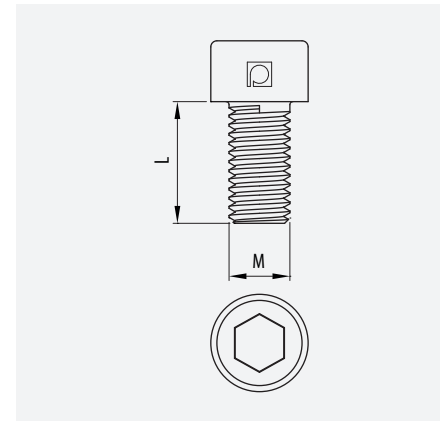
Tornillo
C/Allen

Allen Screw

Vis Allen



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





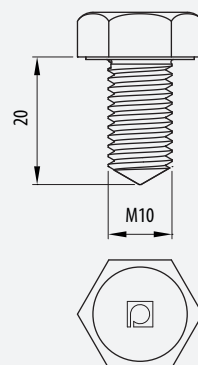
Tornillo P/
Conica

Hexagonal
Cone Point
Screw

Vis
Conique



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



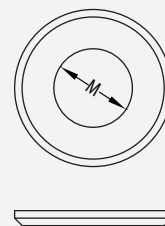
Arandela Plana

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



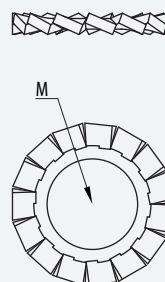
Arandela
Estrella

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



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 Descrição em Português
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
RAL 9005	Color Negro RAL 9005 Black Colour RAL 9005 Couleur Noir RAL 9005

Icono Icon Ícone	Descripción en Español English description Descrição em Português
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
	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

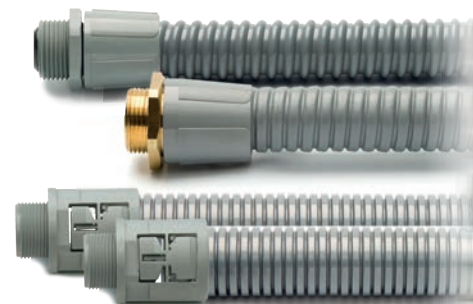
	Industria Alimentaria Food Industry Industrie Alimentaire
	Industria Petroquímica Petrochemical Industry Industrie Pétrochimique
	Fotovoltaica Photovoltaic Photovoltaïque
	Edificación Terciario Building Tertiary Édification Tertiaire
	Aplicaciones Ferroviarias Railway Applications Applications Ferroviaires

	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 / RRGC	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
	-5°C	-5°C	-5°C	-25°C	-5°C	-45°C	-45°C	-45°C	-45°C	-45°C	-45°C
	+90°C	+90°C	+60°C	+105°C	+60°C	+400°C	+400°C	+400°C	+400°C	+250°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
	4422	4421	4421	2243	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	



Pemsa Flexible Metal & Plastic				Pemsaflex /Polyamide System						Denominación Designation Désignation
TFA	TM	TM-PVC	ECOFLEX	LG-PA	ST-PA	RF-PA	RB-PA	RB-PU	MACRO FLEX	
										Tubo Conduit Conduit
Características / Features / Caraterísticas										
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-Étoupe</i>						
Características / <i>Features</i> / <i>Caractéristiques</i>						
(M)	Poliamida / <i>Polyamide</i> / <i>Polyamide</i>					
(M) 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
°C	-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>		
FLAME	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 cULus UL SP US GL PVE PC	CE RoHS cULus UL SP US GL PVE PC Ex	CE RoHS cULus UL SP US GL PVE PC
Aplicaciones / <i>Applications</i> / <i>Applications</i>						
Tertiary	•	•	•			•
Petrochemical Industry				•	•	
Railway app.		•	•	•		•
Energy		•	•	•		•
Photovoltaic/ Energy		•	•	•		•
Food Industry						
ti	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	
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 cULus UL SP US GL DVE PC	CE RoHS cULus UL SP US GL DVE PC	CE RoHS cULus UL SP US GL DVE PC	CE RoHS cULus UL SP US GL DVE PC	CE RoHS cULus UL SP US GL DVE PC	
Aplicaciones / Applications / Applications							
•	•	•	•	•	•	•	Tertiary
			•	•	•	•	Petrochemical Industry
			•	•	•	•	Railway app.
			•	•	•	•	Energy
	•	•					Photovoltaic/ Energy
						•	Food Industry
228	229	229	230	230	231	231	±1

Pemsa Cable Management, S.A.



C/ Galileo Galilei 22 - 24. P.E. La Garena
28806, Alcalá de Henares. Madrid
Tel.: +34 91 802 34 88 / Fax: +34 91 802 33 81
info@pemsa-rejiband.com
www.pemsa-rejiband.com

Atención al Cliente

Tel.: 902 17 18 17 / Fax: 91 802 33 82
atencionalcliente@pemsa-rejiband.com

Delegaciones

Delegación Centro
centro@pemsa-rejiband.com

Delegación Norte
norte@pemsa-rejiband.com

Delegación Sur
sur@pemsa-rejiband.com

Delegación Este
este@pemsa-rejiband.com

Delegación Noreste
noreste@pemsa-rejiband.com

Departamento de Exportación / Export Department / Service Export

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

Filiales / Branches / Filiales



Pemsa UK

1 Sussex Avenue
Leeds LS10 2LF
Tel.: +44 113 277 9090 / Fax: +44 113 277 5939
sales@pemsa.co.uk
www.pemsa.co.uk



Pemsa France

ZI Le clos aux pois. 12 rue de la closerie
BAT G. LISSES.
91052 Evry Cedex. Francia
Tel.: +33 01 60 86 75 65 / Fax: +33 01 60 87 11 83
service-client@pemsa.fr
www.pemsa.fr



Pemsa Portugal

Estrada de Polima
Centro Industrial de Aboboda. Edif. Fase 2, 2º K
2785-543 São Domingos de Rana. Portugal
Tel.: +351 21 4445725 / Fax: +351 21 4445727
pemsa.portugal@pemsa-rejiband.com



Pemsa Latinoamérica

Vía Funza - Siberia, Km 1,5
Parque Ind. VIC - Bodega 1.
FUNZA (Bogotá) - COLOMBIA
Tel.: +57 1 823 75 20 / Fax: +57 1 823 75 18
info@pemsa.com.co
www.pemsa.com.co