pemsa

CONDUCIENDO EL FUTURO DE LA ENERGÍA

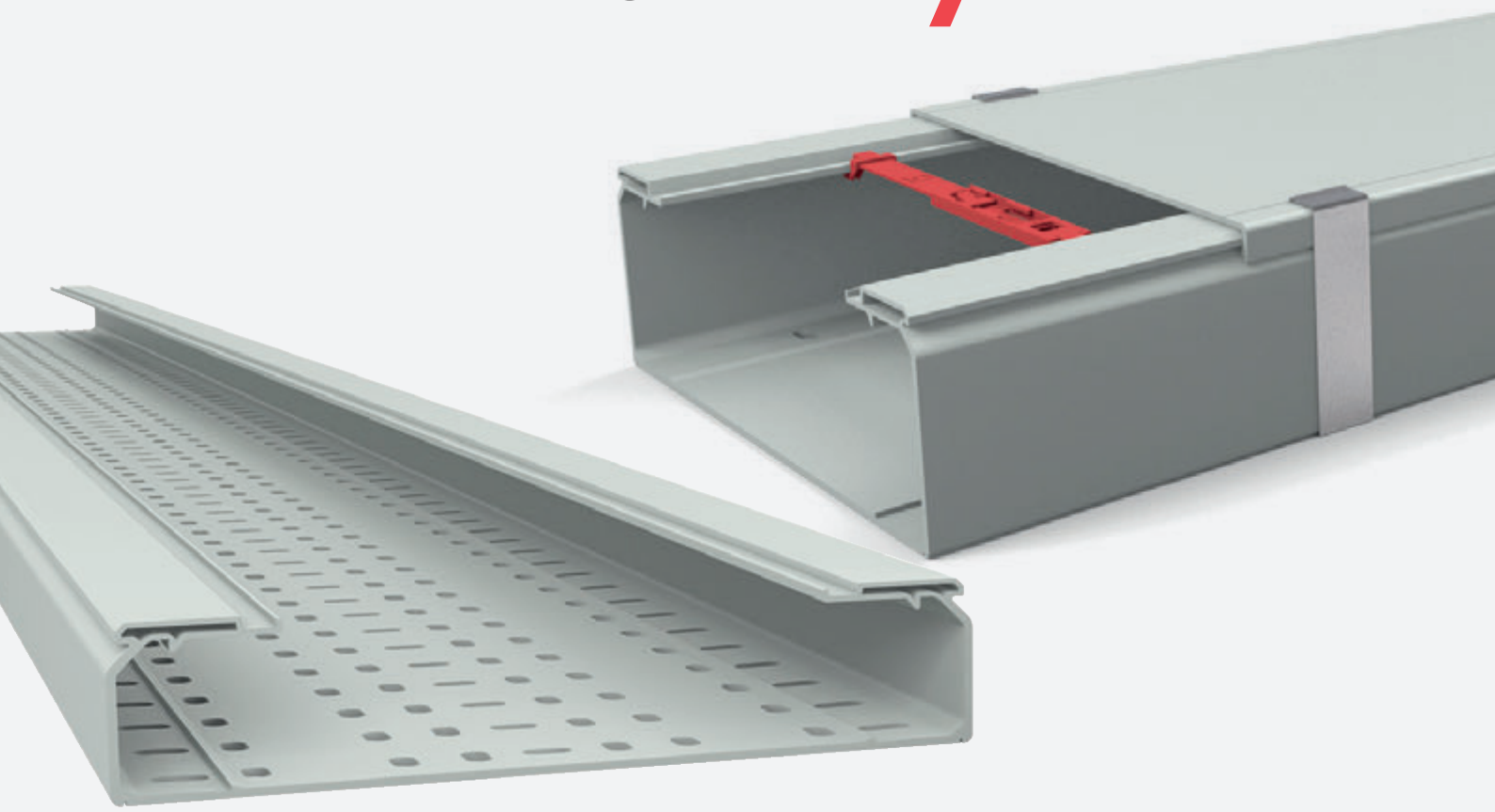
CATÁLOGO GENERAL
GENERAL CATALOGUE

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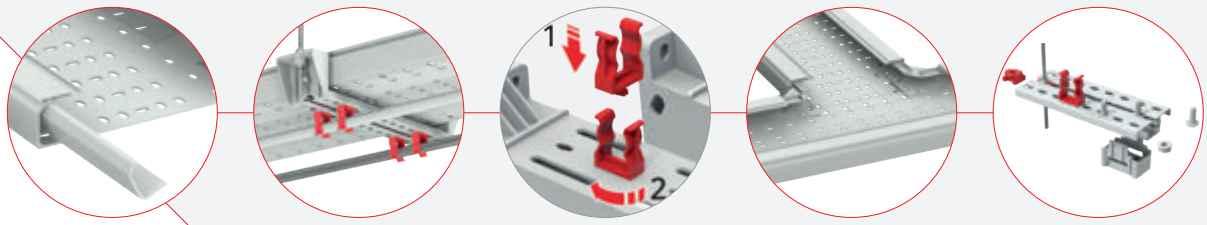


www.pemsa-rejiband.com

metatray®



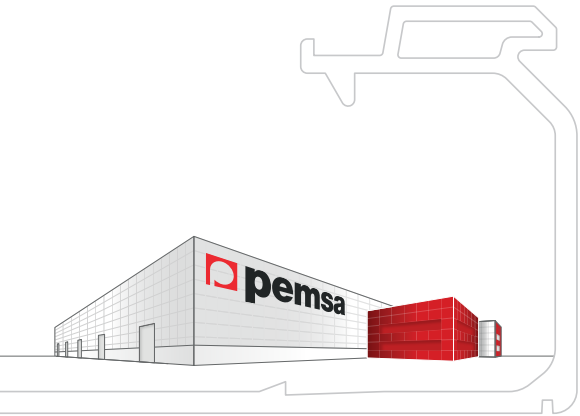
Características diferenciadoras / *Differentiating features*



IEC 61537 EN 50085 AENOR TECEE CB SCHEME CE UK CA RoHS III

Un paso por delante en bandejas aislantes

One step forward on insulating cable trays



Novedades / *News*
Empresa / *Company* / Info / *Info* 001-012

1 Sistemas de Bandejas Portacables, Soportes y accesorios. Guía de selección
Cable Management System, Supports and accessories. Selection guide 013-015

rejiband®  Sistema de Bandejas de rejilla
Wire mesh cable trays 017-058

pemsaband®  Sistema de Bandejas portacables
Cable Trays System 059-107

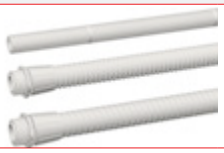
megaband®  Sistema de Bandejas de escalera
Ladder Cable Trays System 109-174

metatray®  Sistema de bandejas aislantes
Insulating cable trays system 175-200

support system  Soportes, railes y estructuras metalicos
Supports, Channels and structures range 201-249

fixings  Elementos de conexión para Sistemas de Bandejas *Range of fixings for Cable Tray Systems* 251-254

2 Sistemas de Tubos, Racores y Prensaestopas. Guía de Selección y Novedades
Conduit, Connectors and Cable gland Systems. Selection Guide & News 255-257

plastic 7035  Tubos Rígidos y flexibles plásticos color RAL 7035
Rigid and flexible conduits RAL 7035 colour 259-267

metal  Tubos Rígidos metálicos
Rigid Metal Conduits 269-278

flexibl  Tubos flexibles para aplicaciones generales e industriales
Flexible conduits for general and industrial applications 279-286

pemsaflex®  Tubos flexibles para aplicaciones industriales y energías renovables
Flexible conduits for industrial applications and renewables energies 287-303

cable glands  Prensaestopas plásticos y metálicos IP68 IP54
Plastic and metal Cable glands IP68 I54 305-330

Soluciones de Producto / *Product Solutions*
Información Técnica / *Technical information*
Índice por referencias / *Product Reference Index*
Contacto / *Contact* 331-388

info

pemsa

Expansión internacional

Con clientes en los 5 continentes, la apuesta de la compañía por el crecimiento internacional sigue siendo un objetivo firme.

Pemsa se encuentra presente a nivel mundial a través de sus filiales,**Pemsa UK, Pemsa France, Pemsa Portugal y Pemsa Latinoamérica**.

Global Company

With clients across the 5 continents, the company's commitment to international growth remains a firm objective.

Pemsa is present worldwide through its subsidiaries, Pemsa UK, Pemsa France, Pemsa Portugal and Pemsa Latin America.

Filiales / *Branches*





Grandes Retos. Grandes Soluciones

Comprometidos con el desarrollo de nuevas soluciones, adaptándonos al mercado.

Como especialista global en Cable Management Solutions somos lideres en calidad, sostenibilidad e innovación.

Destacando la producción propia donde hemos optimizado los procesos de producción y mejorado la eficiencia.

Major Challenges. Great Solutions

We are committed to developing new solutions, adapting to the market.

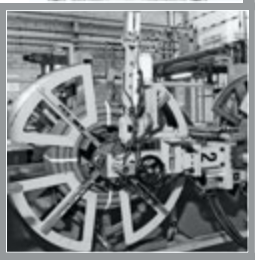
As a global specialist in Cable Management Solutions, we want to continue to be leaders in quality, sustainability and innovation.

We have optimised our own production processes and improved efficiency.












Certificaciones y Homologaciones / *Certifications and Approvals obtained*

Certificaciones y Homologaciones

Marcado N de AENOR. Bandejas y soportes

rejiband®, rejiband® rapide, pemsaband® one y metatray® 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:

rejiband® pemsaband® Soportes
030/002090
030/002503
030/002096
030/002089

metatray®
030/002632 Sistema de bandejas
030/002636 Sistema de canales

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 y UNE-EN 61386-21, 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 **rejiband®** y **pemsaband®** han superado el ensayo de la norma alemana DIN 4102-12, que ensaya el conjunto del instalación eléctrica, bandejas y cables, certificando que se mantienen las propiedades eléctricas de la instalación durante 90 minutos a más de 1000ºC.

Certificación UL.
Continuidad eléctrica asegurada

Esta certificación acredita que la bandeja **rejiband®** y **pemsaband®** posee una excelente continuidad eléctrica entre tramos y que podrían usarse éstas en determinadas condiciones como función de tierra sin necesidad de conductor adicional de protección.

Certifications and Approvals

AENOR N mark. Trays and supports

***rejiband®** and **pemsaband® one** have achieved the N mark of AENOR. This certifies that the N marked **rejiband®** 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:

rejiband® pemsaband® ***Supports***
030/002090
030/002503
030/002096
030/002089

metatray®
030/002632 Cable tray systems
030/002636 Cable trunking systems

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 y UNE-EN 61386-21, which specifies the safety, testing, technical features, etc., to be met by conduits.

N Certificate: Rigid Metal Conduits
030/002199

E90. Fire resistance

***rejiband®** 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 1000ºC (1832ºF) temperature for 90 minutes, thus obtaining the E90 certification.*

UL Classified.
Electrical Continuity guaranteed

*This certification ensures, when using **rejiband®** and **pemsaband®** 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.*



Crecemos
de forma **sostenible**

Growing ***sustainably***

AENOR GESTION AMBIENTAL ISO 14001 · IQNET RECOGNIZED CERTIFICATION · ISO 14001 ES-2023/0217

El plan de sostenibilidad de la compañía se basa en la aplicación de un sistema certificado de gestión ambiental según norma UNE-EN ISO 14001, para asegurar el cumplimiento de la legislación aplicable a su sistema productivo, reducir el impacto ambiental de nuestra actividad, proporcionar productos sostenibles y posicionarnos como una organización socialmente responsable.

The company's sustainability plan is based on the implementation of an Environmental Management System certified in accordance with the UNE-EN ISO 14001 standard, in order to ensure compliance with the legislation applicable to its production system, reduce the environmental impact of its activities, offer sustainable products and position itself as a socially responsible organisation.

DAP

Declaraciones ambientas de producto, según ISO 14025 y EN 15804

La Declaración Ambiental de Producto (DAP) es un documento en el que se describe el perfil ambiental de un producto; un inventario de datos medioambientales cuantificados con unas categorías de parámetros prefijadas basadas en la serie de normas ISO 14040, referentes al análisis del ciclo de vida. En una DAP se cuantifican: los consumos de materia y energía; y los valores que alcanza el producto para una serie de categorías de impacto ambiental.

Verificadas por AENOR, evalúan los productos y procesos productivos para la mejora ambiental, ciclo de vida, huella de carbono, etc. Permite evidenciar el cumplimiento con la legislación medioambiental vigente y son necesarias para la obtención de otras certificaciones de sostenibilidad en proyectos como LEED y BREEAM

EPD

Environmental product declarations according to ISO 14025 and EN 15804.

The Environmental Product Declaration (EPD) is a document describing the environmental profile of a product; an inventory of quantified environmental data with predefined parameter categories based on the ISO 14040 series of standards for life cycle analysis. An EPD quantifies: material and energy consumption; and the values achieved by the product for a series of environmental impact categories.

Verified by AENOR, they evaluate products and production processes in terms of environmental improvement, life cycle, carbon footprint, etc. They demonstrate compliance with current environmental legislation and are required to obtain other sustainability certifications in projects such as LEED and BREEAM.

pemsa eco-sustainable

Productos 100% reciclables

Todas las materias primas y embalajes usados en el el producto de PEMSA, son reciclables, favoreciendo su posterior recuperación y reutilización.

A nivel interno, la organización garantiza la recuperación de estos materiales, a través de su gestión con gestores autorizados

100% recyclable products

All the raw materials and packaging used in PEMSA's products are recyclable, promoting their subsequent recovery and reuse.

Internally, the organisation guarantees the recovery of these materials through their management by authorised managers.

Otras medidas sobre sostenibilidad

- **Instalación fotovoltaica propia**: reducción impacto ambiental por menor consumo eléctrico de red convencional.
- Medidas para la **reducción del plástico** en embalajes
- Medidas para la **optimización del consumo agua y energía**.
- Planes para **reducción de residuos**.

Todas las instalaciones de PEMSA están sometidas a auditoría energética periódica llevada a cabo por entidad independiente y acreditada, para evaluar, controlar e implementar acciones de eficiencia energética en el conjunto de todas sus instalaciones.

Other sustainability activities

- ***Own photovoltaic installation****: reduced environmental impact due to lower power consumption than conventional grid.*
- *Measures to **reduce the use of plastic** in packaging.*
- *Measures to **optimise water and energy use**.*
- ***Waste reduction** plans.*

All of PEMSA's facilities are subject to regular energy audits, carried out by an independent and accredited company, in order to evaluate, control and implement energy efficiency measures in all of its facilities.

ecovadis

PEMSA se ha sometido a la evaluación dentro de los estándares definidos por el prestigioso organismo **EcoVadis**, lo que supone un reconocimiento y respaldo a su compromiso en materia de sostenibilidad.

*PEMSA has been assessed against the standards defined by the prestigious **EcoVadis** organisation, which is a recognition and endorsement of its commitment to sustainability.*

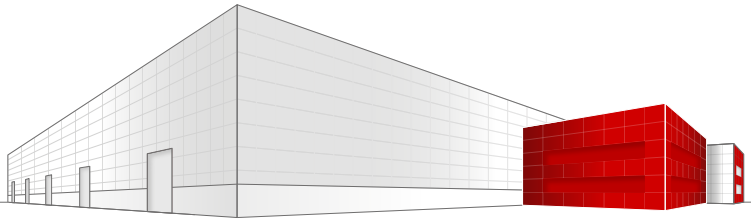
RoHS III

RoHS 2015/863/UE, REACH

Pemsa desarrolla y fabrica todos sus productos bajo los estándares de las directivas ROHS III y REACH, libres de sustancias peligrosas.

RoHS 2015/863/UE, REACH

Pemsa develops and manufactures all its products under the standards of the ROHS III and REACH directives, free of hazardous substances.

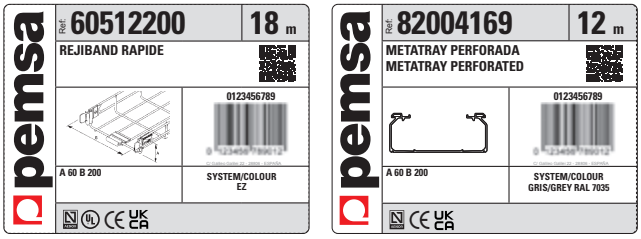


Ventajas del líder

ATENCIÓN AL CLIENTE

Tel: **91 802 01 20**

@ atencionalcliente@pemsa-rejiband.com



Etiquetas gráficas

Permite una perfecta identificación de todas las Gamas de Producto.

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

Embalaje protector

Permite una perfecta identificación de todos los elementos del contenido.

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

CE

Marcado CE

Todos los productos de este catálogo cumplen con las directivas comunitarias en material de seguridad CE.

Código EAN

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

Código QR

Todas las etiquetas que encontraras en el ambalaje redirigen a la información del producto.

ETIM

Clasificación ETIM

Todos los productos en este catálogo llevan asignados un código de clasificación de producto según el standar ETIM.

Leader Advantages

CUSTOMER SERVICE

Tel: **+34 91 802 01 20**

@ atencionalcliente@pemsa-rejiband.com

CUSTOMER SERVICE UK

Tel: **0113 277 9090**

@ 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.*



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

All pemsa products are delivered packaged and identified

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.*

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).

ETIM Classification

All products in this catalogue have been assigned an international product classification code according to the ETIM standard.



pemsa

Sistemas de Protección a la Corrosión / Protective Corrosion Systems

Pemsa ofrece una amplia gama de Sistema de protección frente a la corrosión que incluyen diversos recubrimientos de cara a cubrir todos los requerimientos y ambientes.

Pemsa offers a complete range of protective corrosion systems which includes some different coatings in order to cover all the requirements and environments.

Sistema de Proteccion	*Protection System*
Es un grupo de acabados con las mismas propiedades o características, prestaciones, estética, etc. que se comercializan en su conjunto.	*It is a group of finishes with the same properties or characteristics, features, aesthetics, etc. that are sold as a whole.*

Acabado	*Finish*
Recubrimiento de protección frente a la corrosión.	*Corrosion protection coating.*

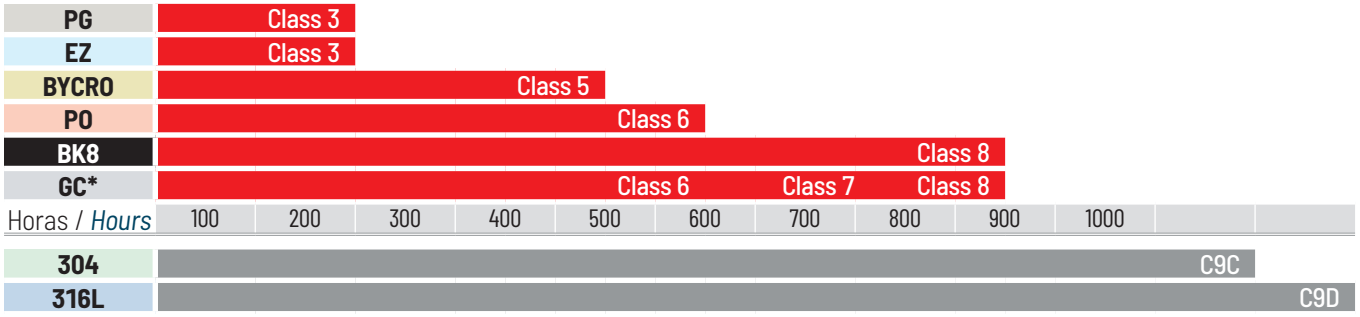
Ⓢ	Ⓕ	ⓘ	Norma / *Standard*	Clase/ *Class* IEC 61537	Cat. Corrosividad ISO 9223	Ⓢ
PG	**PG3**	Pregalvanizado / *Pregalvanised*	EN 10346	3	C3	
EZ	**PAV**	Pavonado / *Blueing*	EN ISO 2081	1	C1	
	EZ3	Electrocincado / *Electrogalvanised*	EN ISO 4042	3	C2	
BK8	**BLACK C8**	Alta Resistencia / *High Resistance*	EN ISO 2081 EN ISO 4042	8	C4	
	BK8-ZNI	Zinc Níquel negro / *Zinc Nickel in black*		8	C4	
GC	**HDG**	Galvanizado en Caliente / *Hot Dip Galvanising*	EN ISO 1461 EN ISO 10684	5 / 6 / 7 / 8	C4	
	ZNI	Zinc Níquel / *Zinc Nickel*	EN ISO 2081 EN ISO 4042	8	C5	
AZ+	**ZM**	Aleación Alta Resistencia / *High Resistance Alloy*	EN 10346	8	C5	
INOX	**I303**	Acero Inoxidable / *Stainless Steel*	AISI 303/ EN 10088-2	-	C5	
	I304		AISI 304 EN 10088-2 EN 10088-3 EN ISO 3506-1:2021	9C	C5	
	I316L		AISI 316L EN 10088-2 EN 10088-3 EN ISO 3506-1:2021	9D	CX	
	I304D	Acero Inoxidable Dúplex / *Duplex Stainless Steel*	AISI 304 EN 10088-2 EN 10088-3 EN ISO 3506-1:2021	9C	C5	
	I316D		AISI 316L EN 10088-2 EN 10088-3 EN ISO 3506-1:2021	9D	CX	
PT	**PO-PG**	Pintura Poliéster / *Polyester Paint*	ISO 2409, ISO 2808, ISO 4628	3/6	C3/C5	
	PO-EZ			6	C5	
AL	**ALU**	Aluminio / *Aluminium*		NA	C5	
	6063T6	Aluminio de aleación 6063-T6 / *Aluminium alloy 6063-T6*	EN 573-3/EN 755-2	NA	CX	
	1050H24	Aluminio de aleación 1050H24 / *Aluminium alloy 1050H24*	EN 573-3/EN 485-2	NA	CX	
LN	**LAT**	Latón / *Brass*	EN 1652	NA	NA	
	LNI	Latón Niquelado / *Nickel-plated brass*	EN 1652 EN ISO 4042	NA	C4	

Sistemas de Protección frente a la Corrosión según Ambientes y Categorías de Corrosividad según ISO 9223

Corrosion protection systems by environment and corrosivity categories according to ISO 9223

Corrosividad *Corrosivity*		Pemsa Sistemas de protección *Protection Systems*									Descripción de ambientes atmosféricos típicos relacionados con las categorías de corrosividad / *Description of typical atmospheric environments related to corrosivity categories*	
Cat./*Cat.* ISO 9223	Nivel *Level*	EZ	PG	BK8	AZ+	GC*	304	PT	316	AL	Interior / *Inside*	Exterior / *Outside*
C1	Muy bajo *Very low*			■	■					■	Espacios climatizados con atmósfera seca y sin cantidades apreciables de contaminantes, por ejemplo, oficinas, tiendas escuelas y hoteles. *Air-conditioned spaces with a dry atmosphere and without appreciable amounts of pollutants, e.g. offices, stores, schools and hotels.*	Zonas frías con humedad baja y con muy baja contaminación. *Cold areas with low humidity and very low contamination.*
C2	Bajo *Low*			■	■					■	Espacios de temperatura y humedad relativa variable, con baja frecuencia por condensación y muy baja por contaminación productiva.Por ejemplo pabellones deportivos y almacenes logisticos. *Variable temperature and RH spaces with low condensation frequency and low or very low productive contamination, e.g. sports halls and logistic warehouses.*	Zonas templadas con humedad baja y con baja contaminación. Áreas rurales en general. *Temperate areas with low humidity and low pollution. Rural areas in general.*
C3	Medio *Medium*		■	■	■	■	■	■	■	■	Espacios de frecuencia media por condensación. Media/Baja contaminación productiva. Planta de proceso industrial básico, Industria Alimentaria. Centro tecnológicos, Data Centers. *Spaces with medium frequency of condensation. Medium/Low productive contamination. Basic industrial process plant, Food Industry. Technology centres, Data Centers.*	Zonas templadas con salinidad media y media contaminación. Zonas urbanas e industriales con contaminación. *Temperate areas with medium salinity and medium contanimation. Contaminted industrial and urban areas.*
C4	Alto *High*			■	■	■	■	■	■	■	Espacios de frecuencia alta por condensación. Media/Alta contaminación productiva. *Spaces with high frequency of condensation. Medium/High productive contamination.*	Zonas templada/subtropical/tropical. Áreas sin rocio o deshielo de agua salada. Salinidad media/alta. Alta contaminación. *Temperate/subtropical/tropical areas. Areas without salt water spray or thaw. Medium/high salinity. High contamination.*
C5	Muy alto *Very high*				■	■	■	■	■	■	Espacios de frecuencia muy alta por condensación. *Spaces with very high frequency of condensation. High productive contamination.*	Zonas templada/subtropical. Salinidad alta. Muy alta contaminación. *Temperate/subtropical areas. High salinity. Very high contamination.*
CX	Extremo / *Extreme*									■	Espacios de permanente condensación. Extrema humedad. Alta/Muy Alta contaminación productiva. Influencias externas (partículas, cloruros). *Permanent condensation. Extreme humidity, high/very high productive contamination. External influences (particulates, chlorides).*	Zonas subtropical/tropical. Muy alta humedad. Alta salinidad y otras partículas. Extrema contaminación. Subtropical/tropical areas. *Very high humidity. High salinity and other particulates. Extreme contamination.*

Sistemas de Protección según clase de resistencia IEC 61537 / Resistance class finishes according to IEC 61537



* Las clases asociadas al GC se clasifican según espesor del recubrimiento. *The classes associated with hot dip galvanised "GC" are classified according to the thickness of the coating.*

Ejemplo de aplicación / Application example

Cómo localizar y reconocer la información de sistemas y acabados en los distintos medios.

How to locate and recognise information of systems and finishes in the different media.

Catálogos en Papel y formato PDF

Printed catalogues and PDF format.

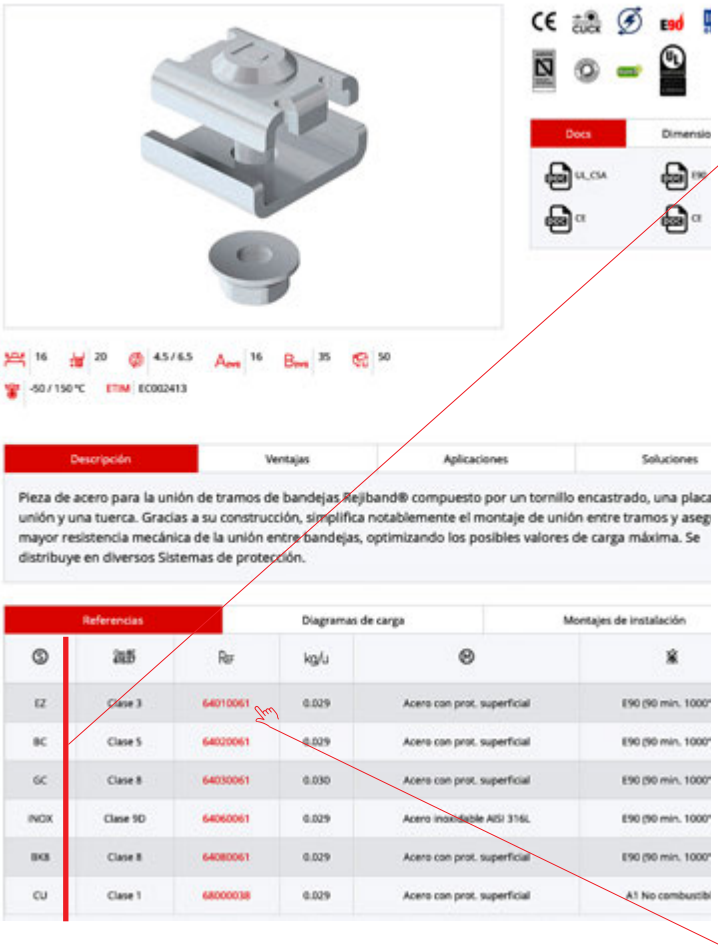
• 35-60-100-150 • 60-600

S	L	Ref	kg/u	u
EZ	20	64010060	0,019	50
GC	20	64030060	0,019	50
	30	64030160	0,020	50
BK8	20	64080060	0,019	50
INOX 316L	20	64060060	0,019	50

		EZ	GC	INOX 304	INOX 316L	PT	BK8	kg/m	u
35	60	60211060	60231060	60251060	60261060	...	60281060	0,405	24
	100	60211100	60231100	60251100	60261100	...	60281100	0,547	24
	150	60211150	60231150	60251150	60261150	...	60281150	0,723	24
	200	60211200	60231200	60251200	60261200	...	60281200	1,034	18
	300	60211300	60231300	60251300	60261300	...	60281300	1,401	18

Catálogo Online

Online Catalogue





1 Página Categoría de producto / *Product Category Page*

2 Página Referencia de producto / *Product Part number Page*

Materiales aislantes y Colores RAL / Insulating materials & RAL Colours

PC+ ABS	Policarbonato + ABS Libre de halógenos *Halogen Free Polycarbonate + ABS*
PVC	Policloruro de Vinilo *Polyvinyl Chloride*
PP	Polipropileno Libre de Halógenos *Polypropylene Halogen Free*
PA6	Poliamida 6 Libre de Halógenos *Polyamide 6 Halogen Free*

PA12	Poliamida 12 Libre de Halógenos *Polyamide 12 Halogen Free*
PU	Poliuretano / *Polyurethane*
PE	Polietileno / *Polyethylene*
NBR	Caucho NBR / *NBR rubber*
PET	LDH Termoplástico *Thermoplastic LDH*
TPV	Termoplástico *Thermoplastic*
PO	Poliéster / *Polyester*

RAL 5012	Color Azul RAL 5012 *Blue Colour RAL 5012*
RAL 5024	Color Azul RAL 5024 *Blue Colour RAL 5024*
RAL 7000	Color Gris RAL 7000 *Grey Colour RAL 7000*
RAL 7011	Color Gris Oscuro RAL 7011 *Dark Grey Colour RAL 7011*
RAL 7031	Color Gris Oscuro RAL 7031 *Dark Grey Colour RAL 7031*
RAL 7035	Color Gris Claro RAL 7035 *Light Grey Colour RAL 7035*
RAL 9005	Color Negro RAL 9005 *Black Colour RAL 9005*

Iconografía / Iconography / Iconographie / Iconografia

Generales / General

	Información de producto/ *See more information on the Web*
xx	Consultar página / *Go to page*
kg/u	Peso en kg por unidad *Weight in kg per unit*

	Bajo Pedido / *On Request*
	Más información *More information*
kg/m	Peso en kg por metro *Weight in kg per metre*

	Embalaje / *Packaging*
	Materia Prima / *Raw material*

Características Bandejas / Cable tray features

REF	Nº de Referencia del producto *Product Reference number*
	Ancho / *Width*
	Alto - Ala / *Height - Flange*
	Longitud / *Length*
e(mm)	Espesor / *Thickness*
	Patentado Pemsa *Patented Pemsa*
mm²	Sección útil / *Useful section*
	Tiempo de montaje (segundos) *Assembly time (seconds)*
	Sin tornillos / *No screws*

	Continuidad Eléctrica según norma IEC61537 *Electrical Continuity acc. to standard IEC61537*
CLICK	Sistema Click de unión rápida *Fast Joint Click System*
	Temperatura de trabajo *Working temperature range*
CTA (kg)	Carga de trabajo Admisible *Safe Working Load*
	Cargas de trabajo Ligeras kg/m *Light duty Loads kg/m*
	Cargas de trabajo medias kg/m *Medium duty Loads kg/m*

	Cargas de trabajo elevadas kg/m *Heavy duty Loads kg/m*
	Resistencia al Impacto *Impact Strength*
	Resistencia al Fuego *Fire resistance*
	Diámetro de cable *Cable diameter*
	Distancia entre Soportes en metros *Span distance in metres*

Iconografía / Iconography

Características de Tubos / *Conduits features*

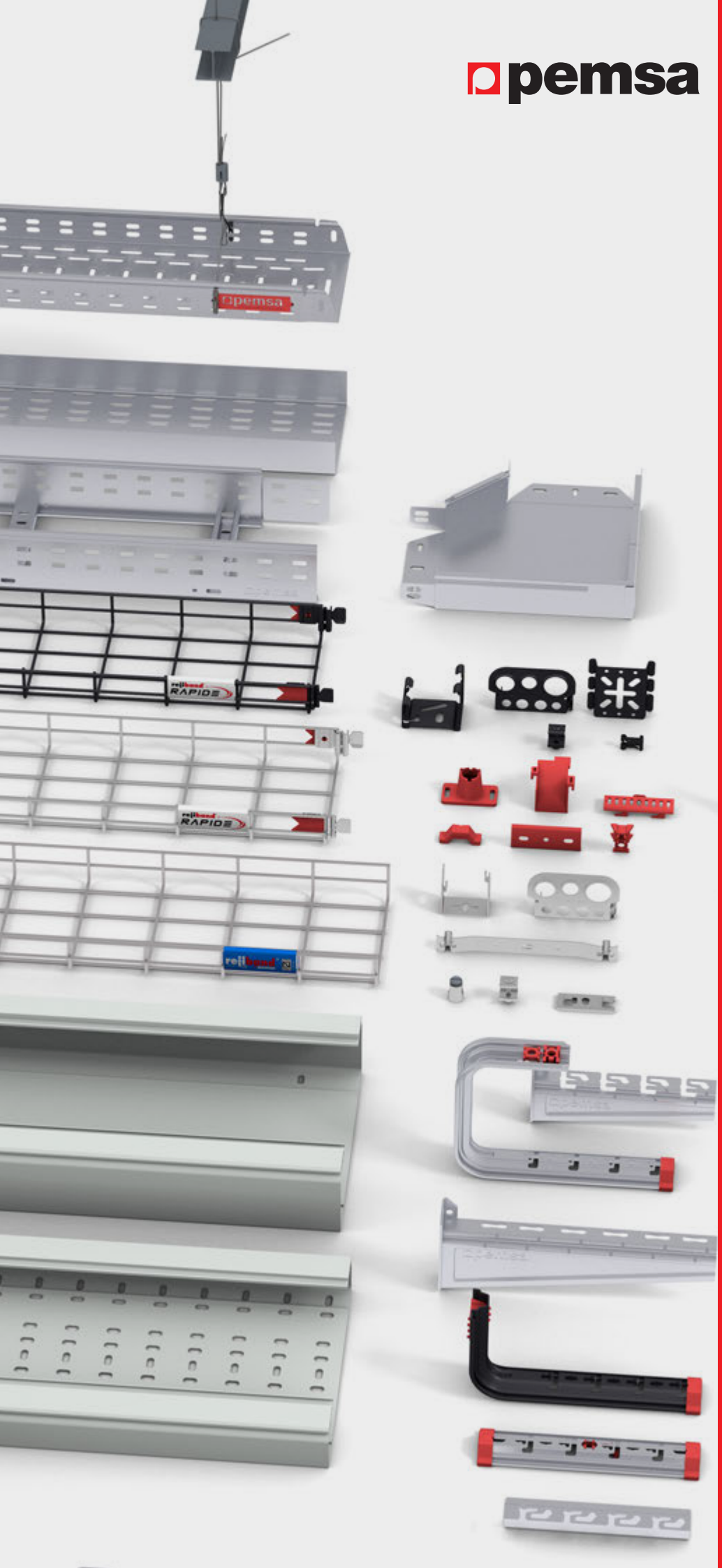
DN	Diámetro nominal / *Nominal width*
Od1	Diámetro interior / *Inside diameter*
Od2	Diámetro exterior / *Outside diameter*
r	Radio de curvatura / *Bending radius*
	Tipo de rosca / *Thread size*
	Llave de apriete necesaria *Torque wrench*
IEC 61386	Codificación según Norma internacional de tubos IEC 61386 *International standard of conduits Code IEC 61386*
	Resistencia a la compresión *Compression strength*
	Resistencia al impacto *Impact strength*
	Temperaturas de trabajo. *Working temperature range*
IP	Clasificación IP / *IP classification*
	No propagador de la llama *Flame retardant*
UV	Resistencia a la radiación ultravioleta *Ultra violet radiation behaviour*
	Flexibilidad / *Flexibility*
	Reduce el tiempo de instalación un 45% / *45% Time savings*
ULf1	Clasificacion ULf1 según UL746C buena resistencia UV y apto para exterior. *ULf1 Class acc. to UL746C. Good UV resistace and suitable for outside.*

Homologaciones / *Approvals*

IEC 61537	Norma Internacional de Bandejas IEC 61537 / *Cable trays International Standard IEC 61537*
IEC 61386	Norma Internacional de Tubos IEC 61386 / *Conduit International Standard IEC 61386*
AENOR	Marcado N de AENOR + info pag 004 *AENOR N Mark + info pag. 004*
NEMA VE-1	Conforme NEMA VE-1 *Acc. to NEMA VE-1 Standard*
CE	Conformidad CE con Directiva 2014/35/UE *Acc. to Directive 2014/35/UE*
RETIE	Certificación Retie (Colombia) *Retie approval*
	Libre de Halógenos según EN 50642 *Halogen free acc. to EN 50642*
RoHS III	Conformidad con Directiva RoHS 2015/863 / *Compliance with Directive RoHS 2015/863*
E90	Ensayo Resistencia al Fuego E90 según DIN 4102-12 *E90 Fire Resistance Test acc. to DIN 4102-12 Standard*
NF	Certificación según Norme Française *Approval acc. to Norme Française*
DB	Homologación Deustche Bahn *Deutsche Bahn Approval*
UKCA	*UK Conformity Assessed*
c UL us	Certificación UL Listed *UL Listed Approval*
UL	Certificación UL Certified *UL Certified Approval*
SP	Certificación Canadiense CSA *CSA Canadian Approval*
VDE	Certificación Alemana VDE *VDE German Approval*
GL	Certificación Germanischer Lloyd *Germanischer Lloyd Approval*
	Certificación Rusa GOST *Russian GOST Approval*
DNV	Certificación Aplicaciones Marinas DNV *Marine applications DNV Approval*
Ex	Certificación Áreas explosivas ATEX *ATEX Hazardous Areas Approval*

Soluciones de Producto / *Product Solutions*

	Industria alimentaria *Food industry*
	Industria petroquímica *Petrochemical industry*
	Energías renovables *Renewable energies*
	Edificación terciario *Building tertiary*
	Aplicaciones ferroviarias *Railway applications*
	Industria farmacéutica *Pharmaceutical industry*
	Centrales de energía *Energy Power Stations*
	Teleco / Centros de proceso de datos / *IT / Data centers*
	Túneles Infraestructuras *Tunnels Infrastructures*
	Solución Resistencia al Fuego E90 *E90 Fire Resistance Solution*
	Industria Básica de Transformación *Primary Industry*
	Industria del agua *Water treatment*
	Oil & Gas
	Offshore, puertos *Offshore, ports*
	Industria naval *Marine Industry*
	Industria minera y cementera *Mining and cement industry*
	Instalaciones higiénico sanitarias *Healthcare & hygienic facilites*



01

Sistemas de Bandejas Portacables, Soportes y accesorios

Cable Management System, Supports and accessories

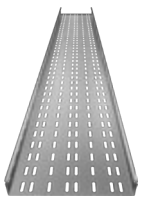
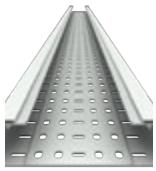
pemsa

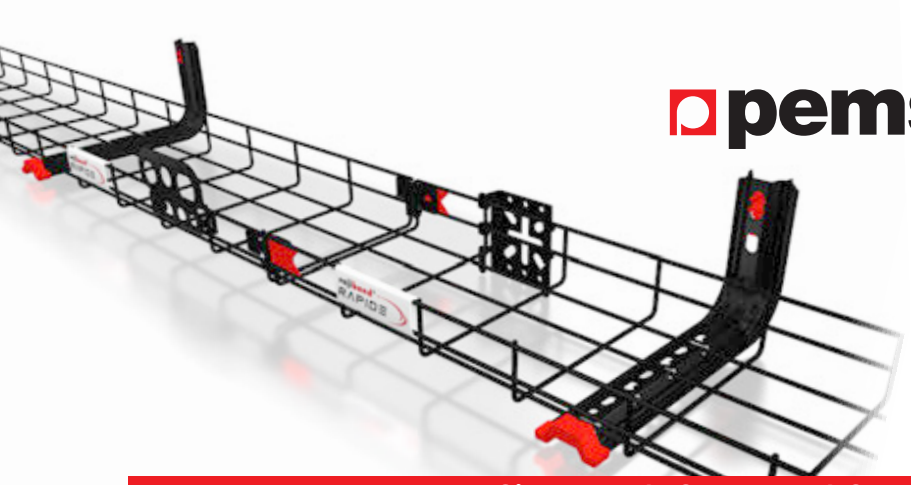
Sistemas de Bandejas y Soportes. Guía de selección

Cable Tray and Supports System. Selection guide



Sistemas de Bandejas Portacables / Cable Tray Systems

	rejiband RAPIDE	rejiband	rejitech	pemsaband one	pemsaband RX	megaband®	metatray
							
Características / *Features*							
	Acero al carbono / *Carbon steel*						Base de PVC *PVC-based*
PG				●	●	●	
EZ	●	●	●				
GC		●		●	●	●	
AZ+				●			
BK8	●	●	●				
304		●		●		●	
316L		●		●		●	
mm	60-600	60-600	60-200	100-600	100-600	100-1000	60-600
mm	60/100	35/60/100/150	60/100	35/60/100	60/100	60/100/120/150	60/100
	-50 ºC / +150 ºC						-20 ºC / +60 ºC
N/m							
	20 J						20J / IK10
	A1	A1 / E90 / A1	A1	A1 / E60	A1	A1	M1 / UL94 V0
Homologaciones / *Approvals*							
Aplicaciones / *Applications*							
Tertiary	●	●	●	●	●	●	●
Tunnels	●	●		●	●	●	●
Data Center	●	●	●	●		●	●
Photovoltaic/ Energy	●	●	●	●	●	●	●
Food Industry	●	●	●	●			●
Petrochemical Industry	●	●		●	●	●	●
	022	027	058	064	059	114	182



pemsa

Sistemas de Bandejas y Soportes. Guía de selección

Cable Tray and Supports System. Selection guide

Sistemas de Soportes / Supports Systems

Omega SPLUS			RPLUS			Raíles y Accesorios Channel & *Accessories*	metatray	
Soportes *Wall Bracket*	Soportes Techo *Ceiling Bracket*	Suspensión *Channel*	Sop. Reforzados *Med. Duty Cantilever*	Sop. Muy Reforzados *Heavy Duty Cantl*	Soportes 41 *Cantilever arm 41*		Soportes *Bracket*	
								
Características / *Features*								
Acero al carbono / *Carbon steel*							Base de PVC / *PVC-based*	
●	●	●	●			●		**PG**
					●			**EZ**
			●	●	●	●		**GC**
●	●	●						**AZ+**
●	●	●	●					**BK8**
●	●	●	●		●			**304**
●	●	●	●		●	●		**316L**
100-400	100-400	100-600	100-600	300-600	100-1000	41X21 41X21		mm
						3 M		mm
			-50 ºC / +150 ºC				-20 ºC / +60 ºC	
								N/m
			-				20J / IK10	
A1 / E90	A1 / E90	A1 / E90	A1 / E90	A1 / E90	A1	A1 / E90	M1 / UL94 V0	
Homologaciones / *Approvals*								
Aplicaciones / *Applications*								
●			●	●	●		●	
●			●	●	●	●	●	
	●					●	●	
		●				●	●	
●	●		●	●	●	●	●	
		●				●	●	
206	206	220	208	208	212	230	181	

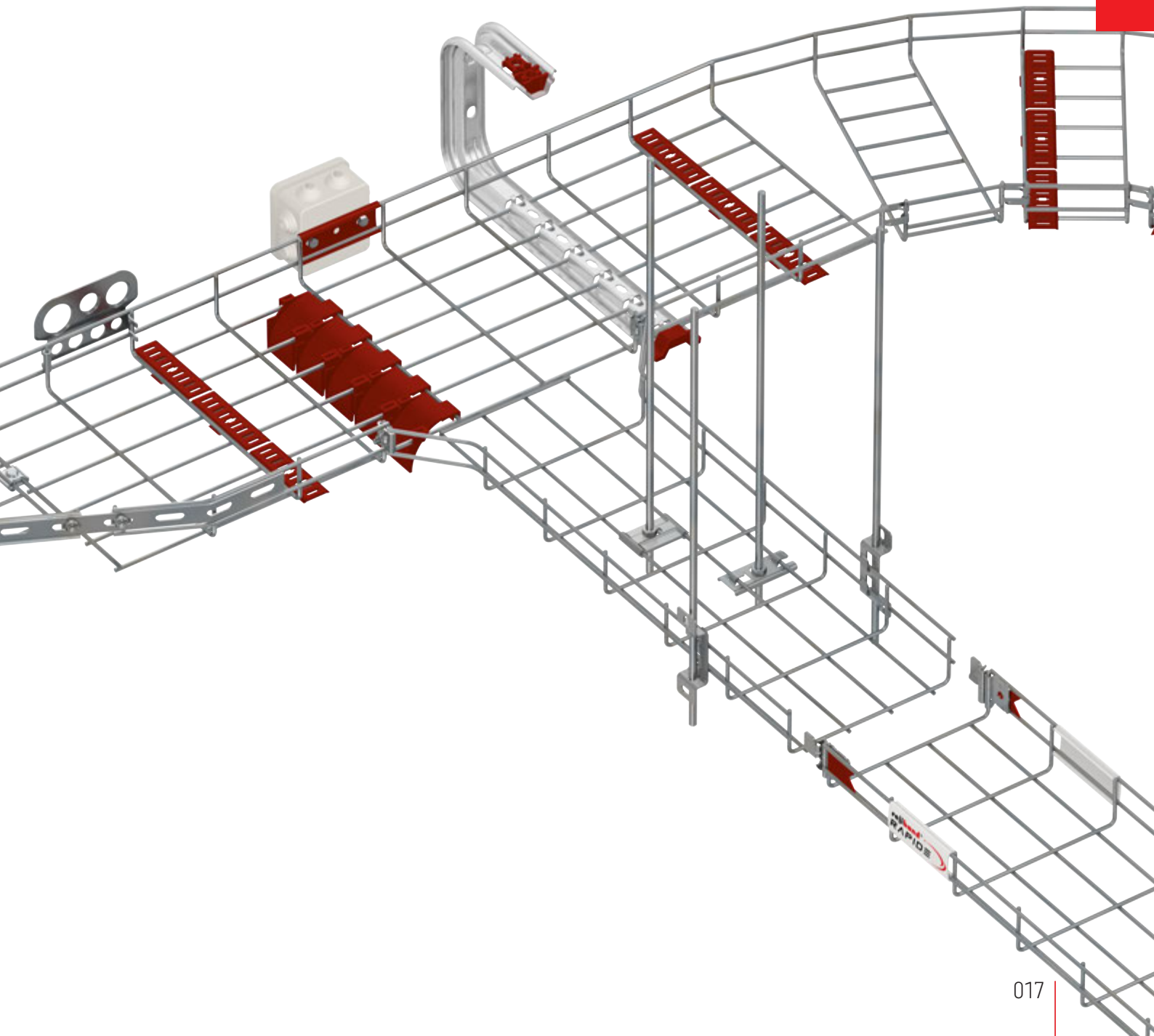
Montaje / Asembly

- A pared *Wall*
- A pared con rail *Wall with channel*
- A techo *Ceiling*
- A techo con varillas *Ceiling with threaded rods*
- A techo con péndulo *Ceiling with pendant*
- Instalación a suelo *Floor installations*

rejiband®

Sistema de bandejas de rejilla electrosoldada

Electrowelded wire mesh cable trays

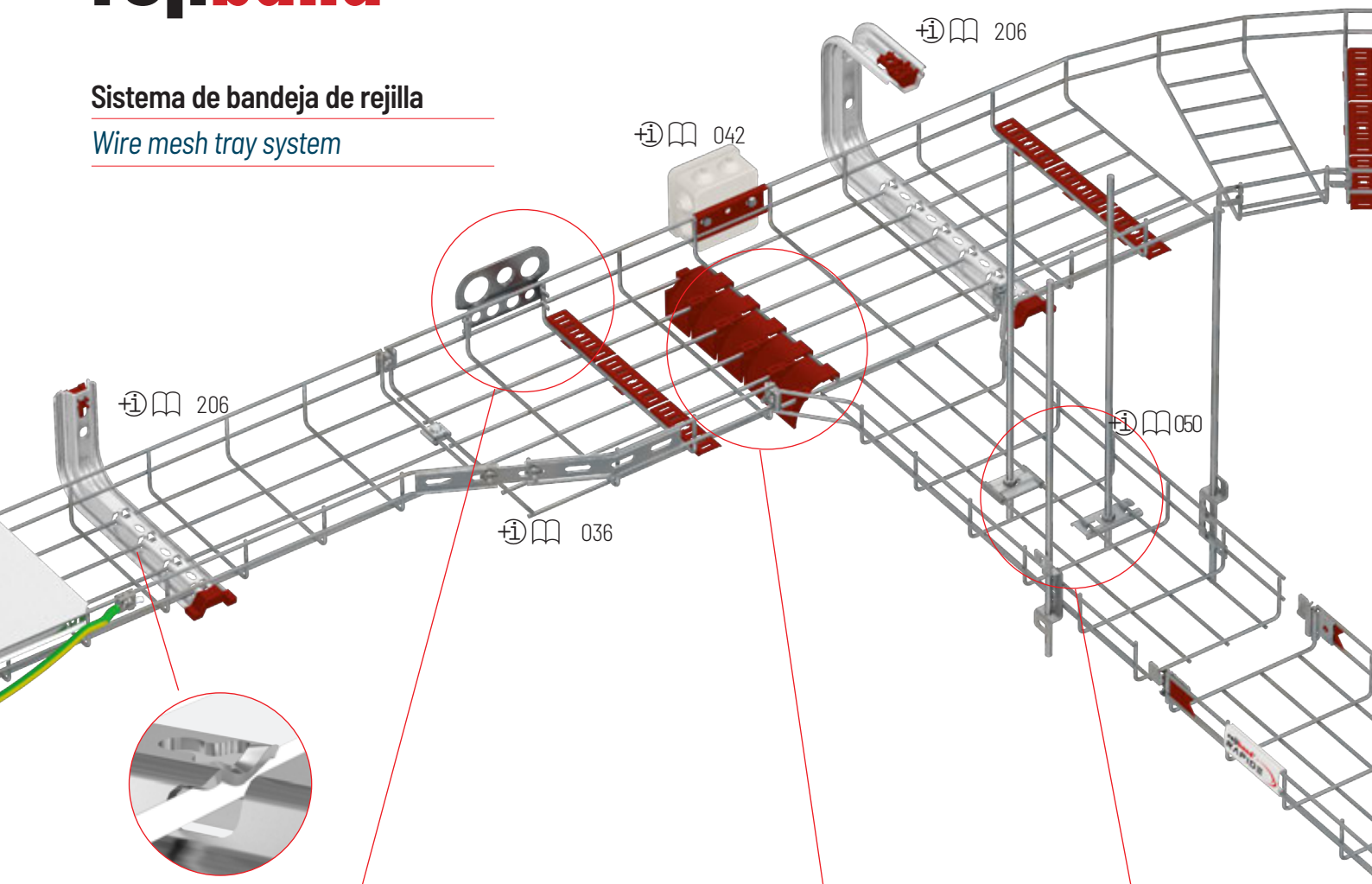


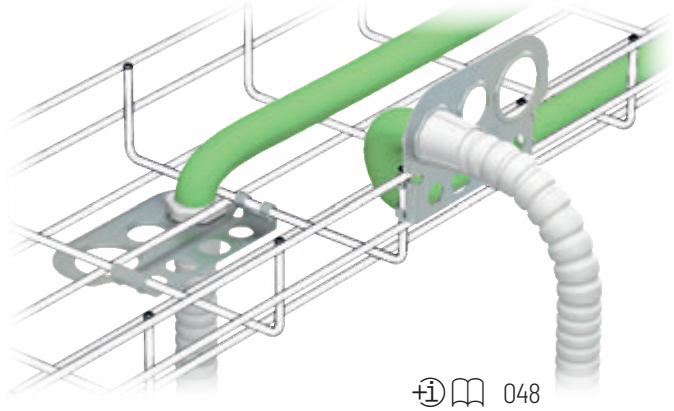
pemsa

rejiband®

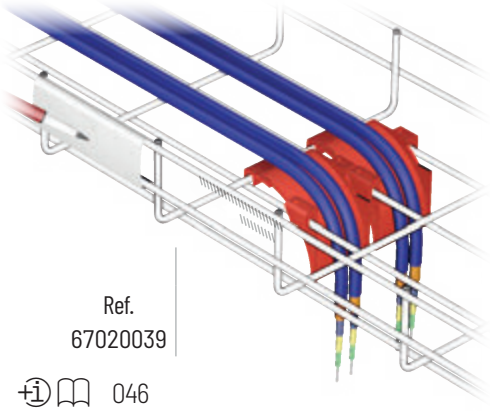
Sistema de bandeja de rejilla

Wire mesh tray system



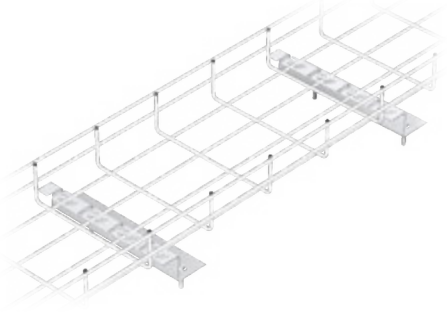


048

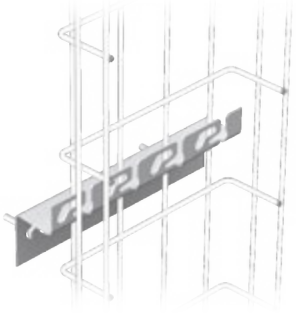


Ref.
67020039

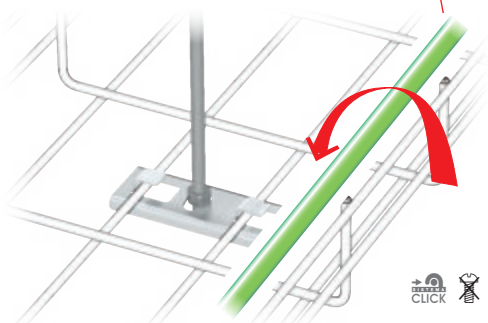
046



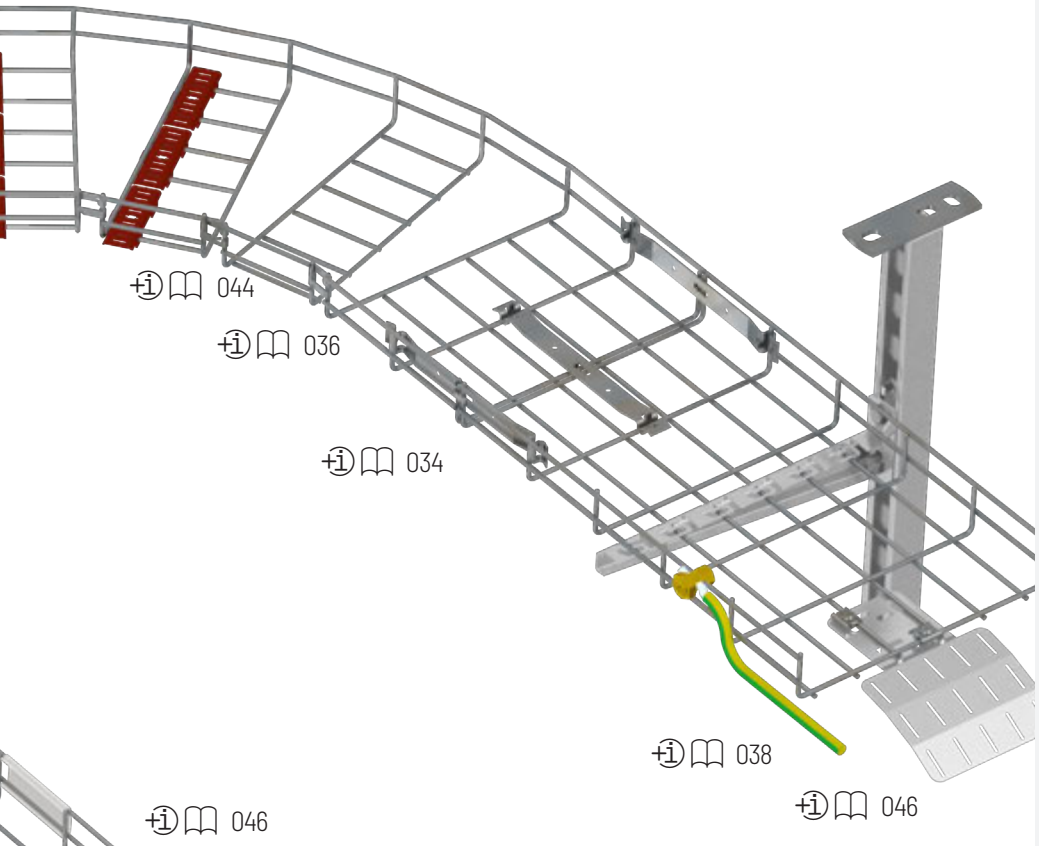
054, 218



054



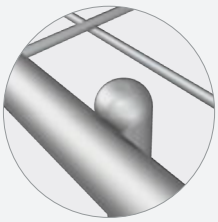
050



rejiband RAPIDE			L	EZ	GC	304	316L	PT	BK8
	60	60-600	3000	●					●
	100	100-600	3000	●					●
rejiband®									
	35	60-400	3000	●	●	●	●		
	60	60-600	3000	●	●	●	●	●	
	100	100-600	3000	●	●	●	●		
	150	100-600	3000	●	●	●	●		
rejiband BLACK C8									
	35	60-400	3000						●
	60	60-600	3000						●
rejitech®									
	60	100	2000	●					
	100	60-200	3000	●					●

Normas Internacionales:
International Standards:

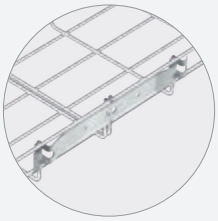
- Norma internacional de Bandejas — *International standard of Cable trays*
- Norma Nema VE-1 — *Nema VE-1 Standard*
- Certificado UL — *UL Certified*
- Resistencia al fuego — *DIN 4102-12 Fire Resistance*
- Marcado N AENOR IEC 61537 — *AENOR N Mark IEC 61537*
- CB Scheme IEC 61537
- RoHS 2019/863
- Certificación Retie — *Retie approval*
- ISO 9001 IQNET
- ISO 14001
- Producto patentado — *Patented product*
- London Underground



Borde de seguridad
Safety edge



Uniones
Fastener



Sistema Click
Click System

pemsa



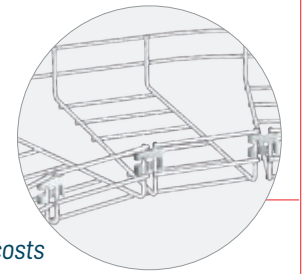
Bandejas de rejilla electrosoldada con borde de seguridad

Electrowelded wire mesh tray with Safety Edge

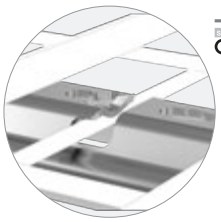
Ventajas y Características / *Advantages and features*

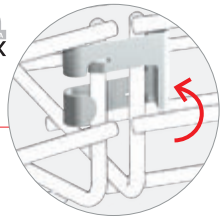
EZ | GC | 304 | 316L | P0 | BK8

Amplia gama de acabados
Wide range of finishes and coatings

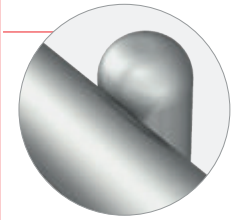


Sistema Cortar, Doblar, Unir.
Ahorro en material y mano de obra
Cut, Bend and Join System.
Savings on materials and handling costs





Sistema Click de unión rápida. Soportes y accesorios
Quick Click Joint System. Supports and accessories



Borde de seguridad.
Protección de los cables.
Safety edge.
Protects the cables.

Soluciones de Producto / *Product Solutions*



Básica de Transformación
Processing Industry



Industria Alimentaria
Food Industry



Terciario Construcción
Building Tertiary



Industria Petroquímica
Petrochemical Industry



Offshore, Puertos
Offshore, Ports



Industria Naval
Marine Industry



IT/Centro Proceso Datos
IT/Data Centers



Tratamiento de Agua
Water Treatment



Túneles Infraestructuras
Tunnels Infrastructures



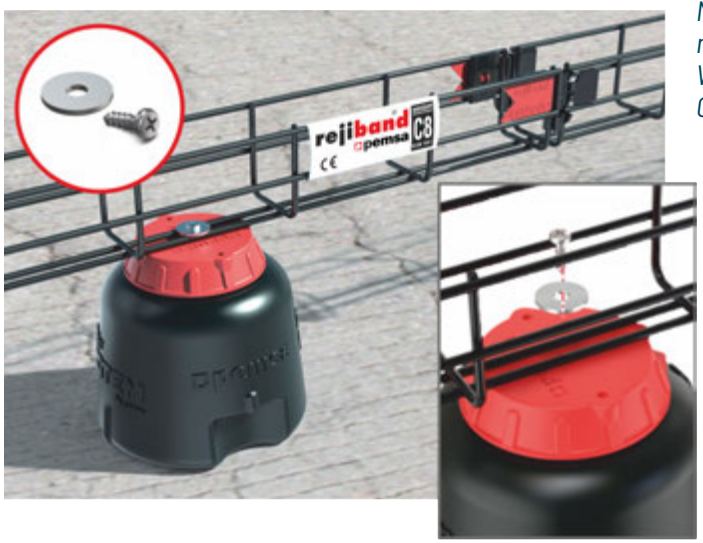
Energías Renovables
Renewable Energies

Solar TOTEM®

Solución para instalaciones en cubiertas solares y autoconsumo

Solution for solar roof and self-consumption installations





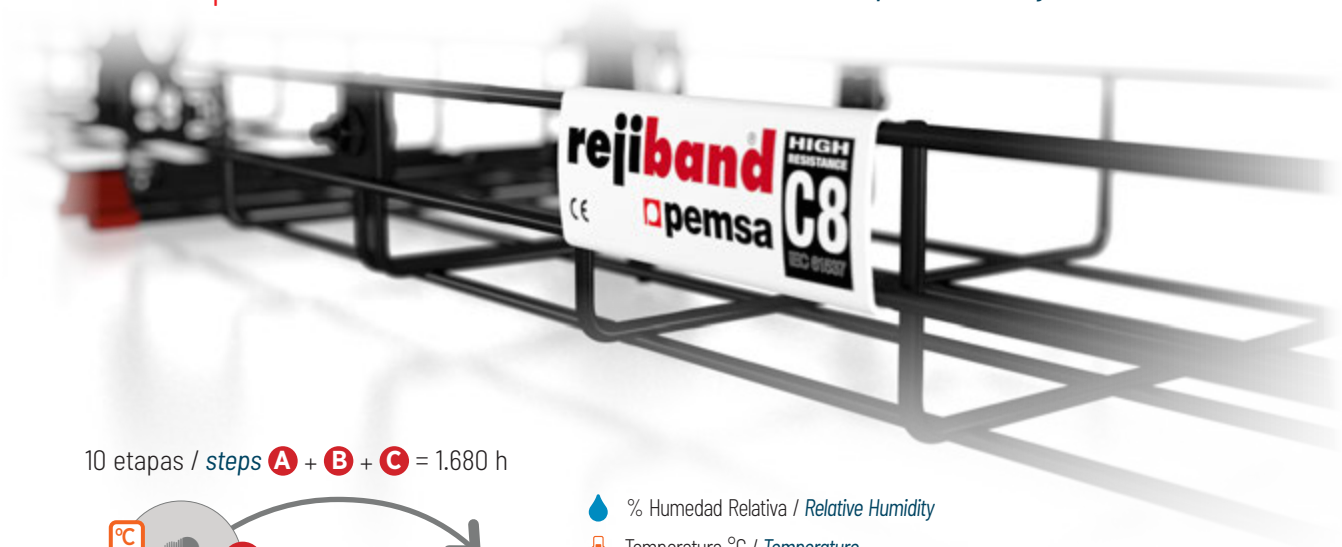
rejiband®
pemsaband®

Sistema de montaje elevado multifuncional para instalación de bandejas de rejilla y chapa

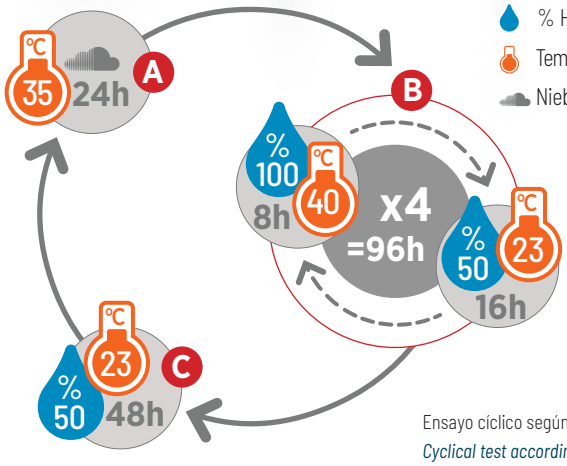
Multifunctional raised mounting system for Wire mesh tray and Cable tray installation.

Black C8® es un innovador sistema de protección de alta resistencia

Black C8® is an innovative high-resistance protection system



10 etapas / *steps* A + B + C = 1.680 h



% Humedad Relativa / *Relative Humidity*

Temperatura °C / *Temperature*

Niebla y Sal / *Mist & Salt*



Ensayo cíclico según norma ISO 11997-1 (Ciclo B). Esquema de etapas que conforman un ciclo.

Cyclical test according to ISO 11997-1 (Cycle B). Scheme of steps that make up a cycle.

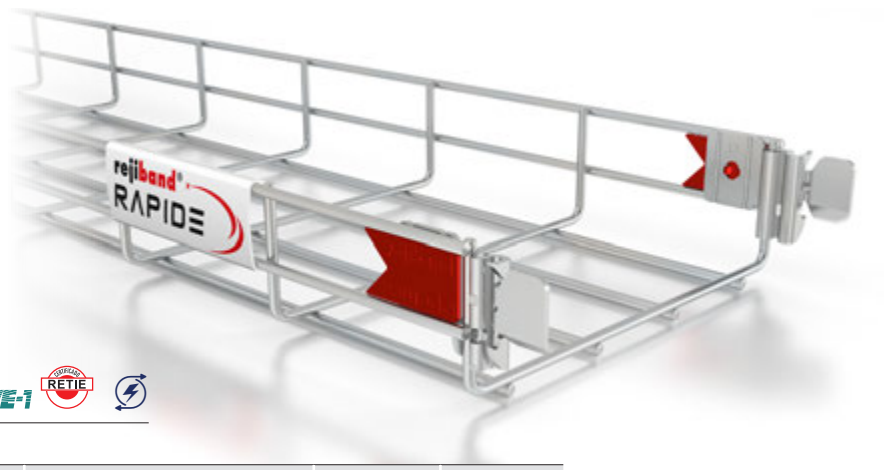
pemsa

rejiband® RAPIDE

Bandeja de Rejilla Sistema Click rápido

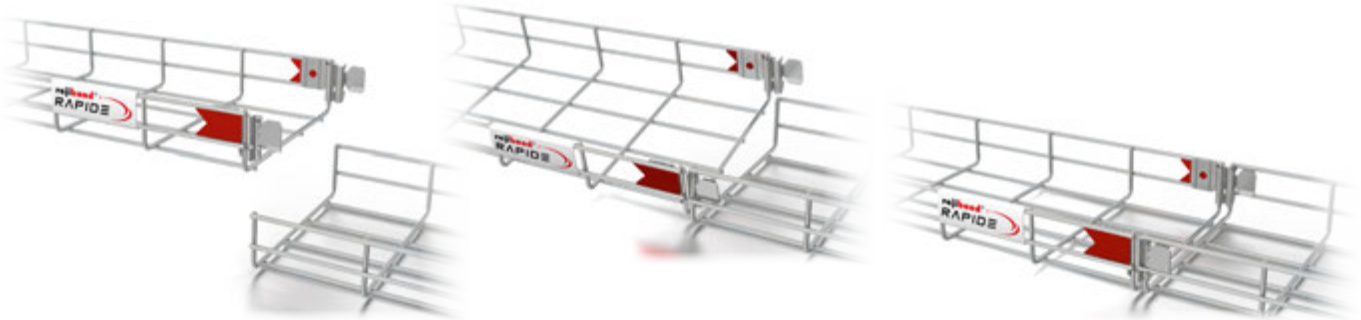
Rapid Click Wire Mesh Tray System

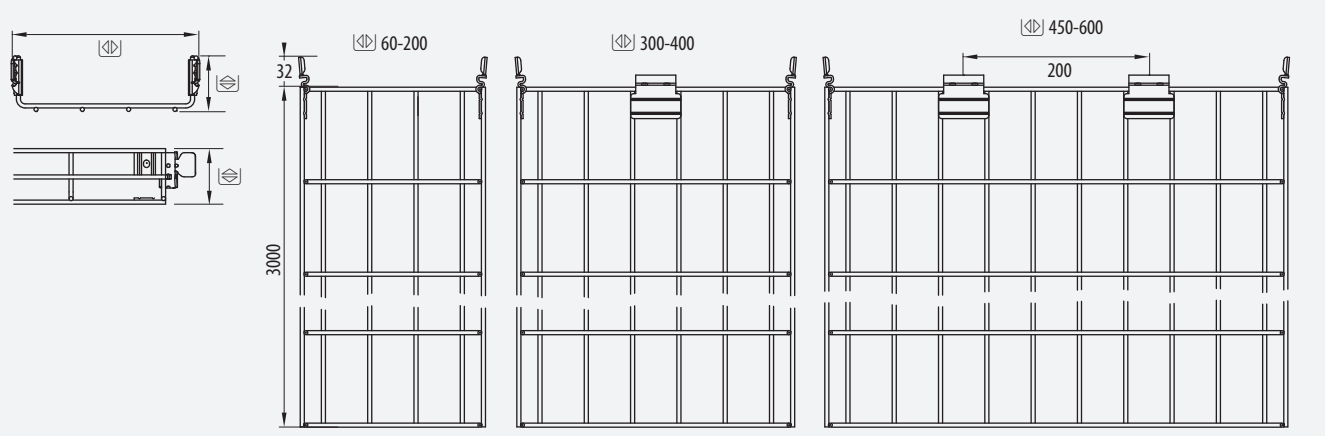
60, 100 • 60-600 • 3000



ETIM EC000853

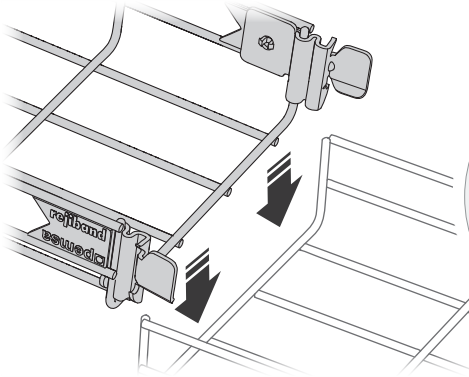
		EZ	BK8	kg/m	
60	60	60512060	60582060	0,591	18
	100	60512100	60582100	0,811	24
	150	60512150	60582150	0,946	24
	200	60512200	60582200	1,217	18
	300	60512300	60582300	1,943	12
	400	60512400	60582400	2,353	6
	450	60512450	60582450	2,423	6
	500	60512500	60582500	2,781	6
	600	60512600	60582600	3,191	6
100	100	60513100	60583100	1,203	12
	150	60513150	60583150	1,259	6
	200	60513200	60583200	1,912	6
	300	60513300	60583300	2,343	6
	400	60513400	60583400	2,756	6
	450	60513450	60583450	2,827	6
	500	60513500	60583500	3,187	6
	600	60513600	60583600	3,600	6

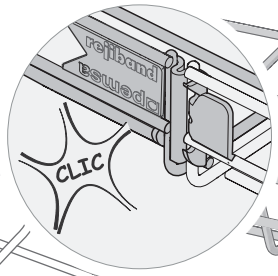




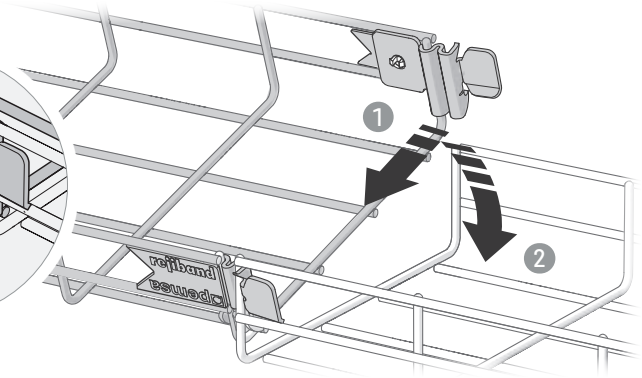
Instrucciones de instalación / *Installation Instructions*

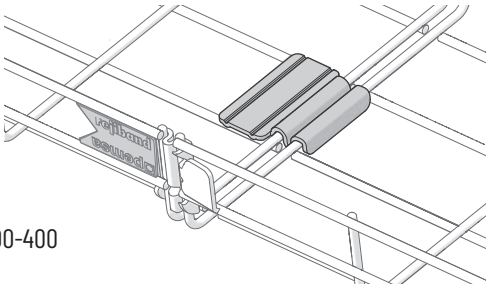
Montaje vertical
Vertical Assembly



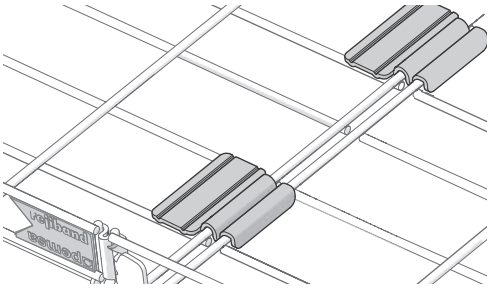


Montaje basculante
Swivel Assembly



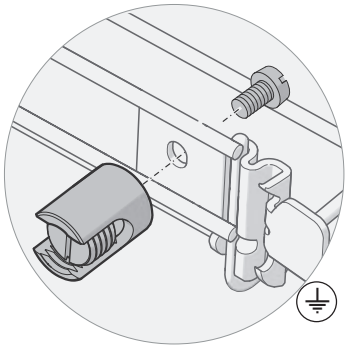


300-400

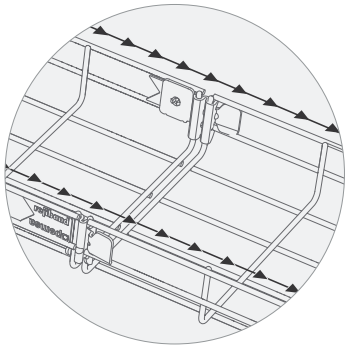


450-600

Equipotencialidad
Bonding

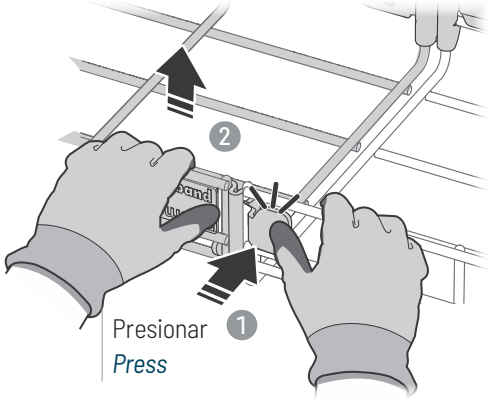


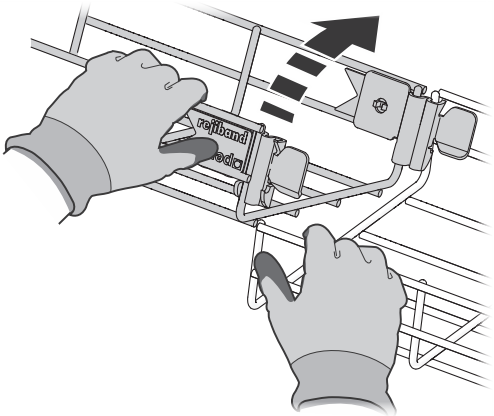
Continuidad eléctrica según norma
Electrical Continuity guaranteed



<50mΩ
Standard
IEC 61537

Desmontaje / *Uncoupling*





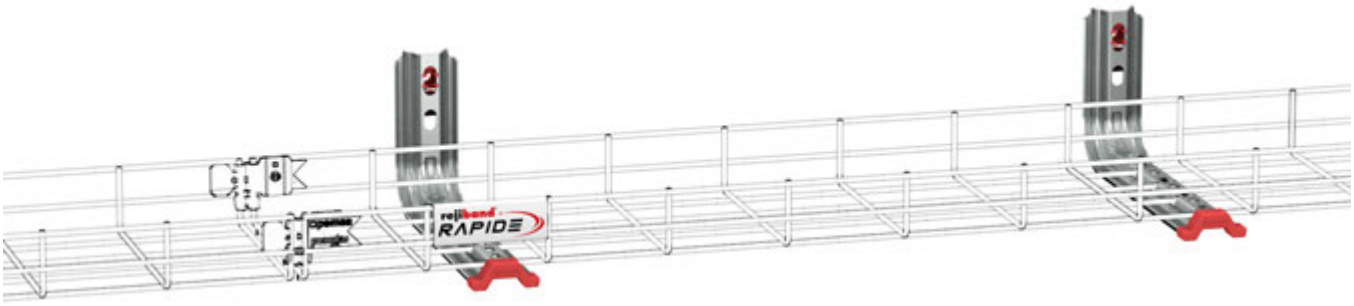
rejiband® RAPIDE

Ensayos de carga de trabajo admisible CTA para instalaciones horizontales

Valores obtenidos según la norma IEC 61537 edición 3, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso. La unión de los tramos de bandejas debe estar situada a una distancia del apoyo de entre L/4 y L/5, siendo L la distancia entre apoyos.

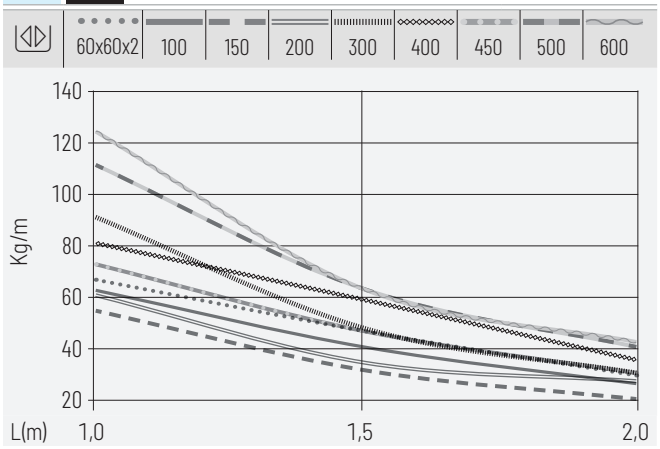
Safety working load tests (SWL) for horizontal installations

Values obtained according to the IEC 61537 standard, edition 3, with a safety coefficient of 170% without ever reaching the collapse point. Tray section joints be situated at a support distance of between L/4 and L/5, L being the distance between supports.

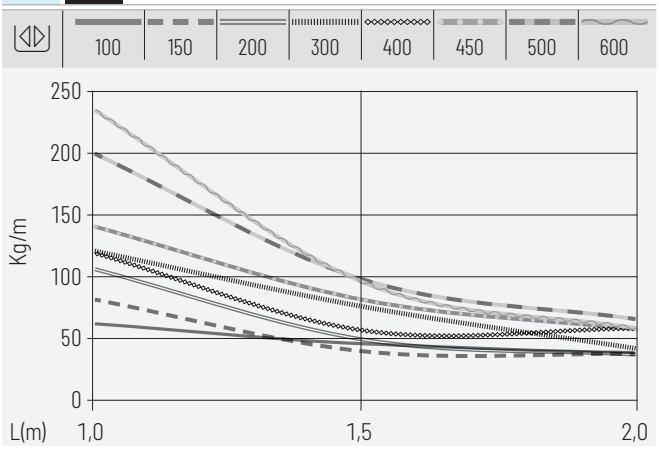


	60									100							
	60-2	100	150	200	300	400	450	500	600	100	150	200	300	400	450	500	600
mm²	2.492	4.442	6.976	9.586	14.420	19.540	22.100	24.660	29.780	7.742	12.352	16.596	25.716	34.836	39.396	43.956	53.076

EZ BK8 — 60



EZ BK8 — 100



Datos técnicos

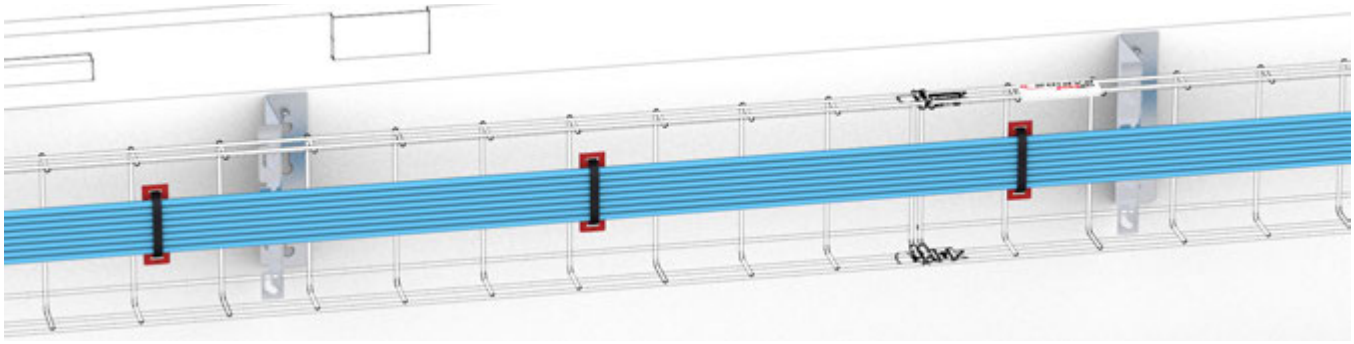
Technical data

Ensayos de carga de trabajo admisible (CTA) para instalaciones verticales con recorrido horizontal

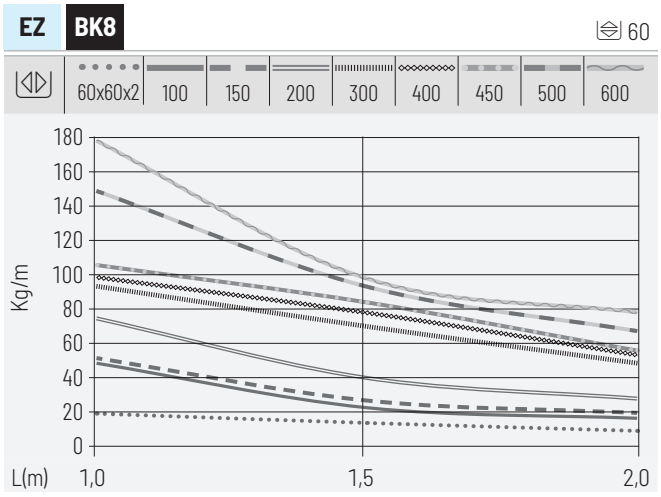
Valores obtenidos según la norma IEC 61537, edición 3, según ensayo vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

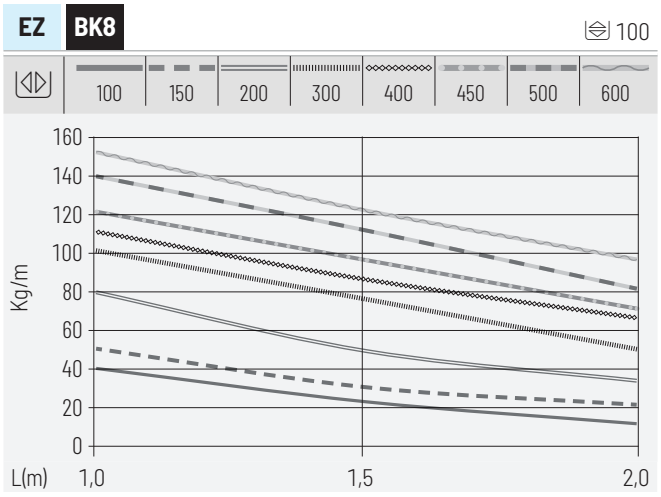
Safety working load tests (SWL) mounted in the vertical plane running horizontally

Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical test of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.



	60									100							
	60-2	100	150	200	300	400	450	500	600	100	150	200	300	400	450	500	600
mm^2	2.492	4.442	6.976	9.586	14.420	19.540	22.100	24.660	29.780	7.742	12.352	16.596	25.716	34.836	39.396	43.956	53.076





pemsa

rejiband® RAPIDE

Bandeja de rejilla Alta Resistencia

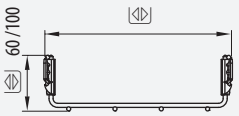
Wire mesh tray High Resistance

60, 100 • 60-600 • 3000



ETIM EC000853

		BK8	kg/m	u
60	60	60582060	0,567	24
	100	60582100	0,799	24
	150	60582150	1,022	24
	200	60582200	1,205	18
	300	60582300	2,091	12
	400	60582400	2,565	6
	450	60582450	2,642	6
	500	60582500	3,014	6
	600	60582600	3,468	6
100	100	60583100	1,215	12
	150	60583150	1,253	6
	200	60583200	1,897	6
	300	60583300	2,314	6
	400	60583400	2,727	6
	450	60583450	2,815	6
	500	60583500	3,145	6
	600	60583600	3,562	6



Gama Completa de Accesorios / *Full Range of Accessories*


62081X04 206


63082X04 212


64080061 034


64080030 034


64080035 034


64080036 034


64080072 036


68000053 042


67080030 044


62086010 044


62082X04 206


64080038 034


62086011 044


67080040 048


64080060 036


62086021 050


64080058 032


62081060 050


67080143
67080043 050


67080046 052


82004014 040



rejiband®

35 60 100 150

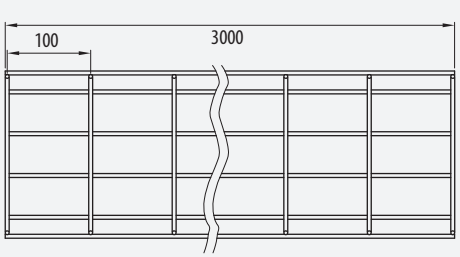
Bandeja de rejilla

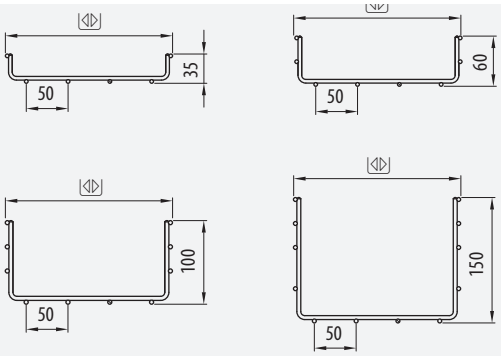
Wire mesh tray

35-150 • 60-600 • 3000

ETIM EC000853

		EZ	GC	304	316L	PO-EZ	BK8	kg/m	
35	60	60211060	60231060	60251060	60261060	82002471	60281060	0,405	24
	100	60211100	60231100	60251100	60261100	82002474	60281100	0,547	24
	150	60211150	60231150	60251150	60261150	82002475	60281150	0,723	24
	200	60211200	60231200	60251200	60261200	82002476	60281200	1,034	18
	300	60211300	60231300	60251300	60261300	82002477	60281300	1,401	18
	400	60211400	60231400	60251400	60261400	-	60281400	1,797	12
60	60	60212060	60232060	60252060	60262060	82002478	60282060	0,564	24
	100	60212100	60232100	60252100	60262100	82002479	60282100	0,799	24
	150	60212150	60232150	60252150	60262150	82002480	60282150	1,022	24
	200	60212200	60232200	60252200	60262200	82002481	60282200	1,326	18
	300	60212300	60232300	60252300	60262300	82002482	60282300	2,091	12
	400	60212400	60232400	60252400	60262400	82002483	60282400	2,565	6
	450	60212450	-	-	-	82002484	60282450	2,642	6
	500	60212500	60232500	60252500	60262500	82002485	60282500	3,014	6
	600	60212600	60232600	60252600	60262600	82002486	60282600	3,468	6
100	100	60213100	60233100	60253100	60263100	82002486	60283100	1,316	12
	150	60213150	60233150	60253150	60263150	-	60283150	1,383	6
	200	60213200	60233200	60253200	60263200	82002487	60283200	2,055	6
	300	60213300	60233300	60253300	60263300	82002488	60283300	2,512	6
	400	60213400	60233400	60253400	60263400	82002489	60283400	2,962	6
	450	60213450	60233450	-	-	-	60283450	2,815	6
	500	60213500	60233500	60253500	60263500	82002490	60283500	3,413	6
	600	60213600	60233600	60253600	60263600	82002491	60283600	3,866	6
150	200	60216200	60236200	60256200	60266200	-	60286200	2,111	6
	300	60216300	60236300	60256300	60266300	-	60286300	2,431	6
	400	60216400	60236400	60256400	60266400	-	60286400	2,958	6
	450	60216450	60236450	60256450	60266450	-	60286450	2,849	6
	500	60216500	60236500	60256500	60266500	-	60286500	3,375	6
	600	60216600	60236600	60256600	60266600	-	60286600	3,645	6
rejiband®		64010061	64030061	64060061	64060061	64060061	64080061		034





Bajo pedido, consultar disponibilidad / *On request, check availability*

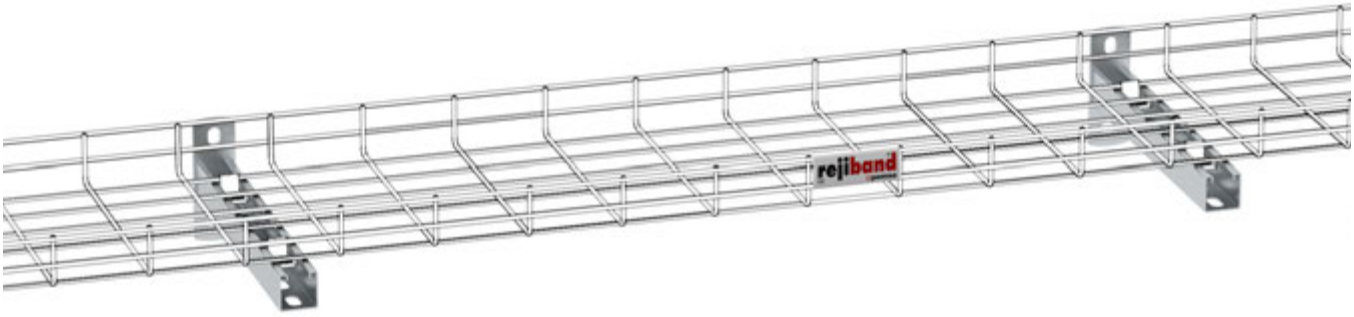
Bajo pedido / *On request*

Ensayos de carga de trabajo admisible CTA para instalaciones horizontales

Valores obtenidos según la norma IEC 61537 edición 3, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso. La unión de los tramos de bandejas debe estar situada a una distancia del apoyo de entre L/4 y L/5, siendo L la distancia entre apoyos.

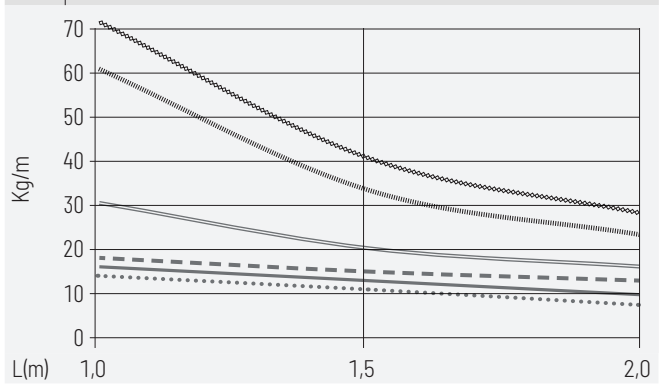
Safety working load tests (SWL) for horizontal installations

Values obtained according to the IEC 61537 standard, edition 3, with a safety coefficient of 170% without ever reaching the collapse point. Tray section joints be situated at a support distance of between L/4 and L/5, L being the distance between supports.

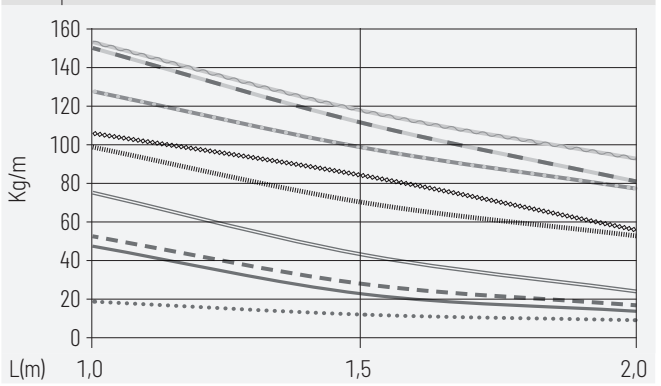


	60	60-2	100	150	200	300	400	450	500	600
	mm²									
35	1.208		2.312	3.616	4.976	7.696	10.416	-	-	-
60	2.492	2.378	4.442	6.976	9.586	14.420	19.540	22.100	24.660	29.780
100	-		7.742	12.352	16.596	25.716	34.836	39.396	43.956	53.076
150	-		-	-	25.754	39.874	53.994	61.054	68.114	82.234

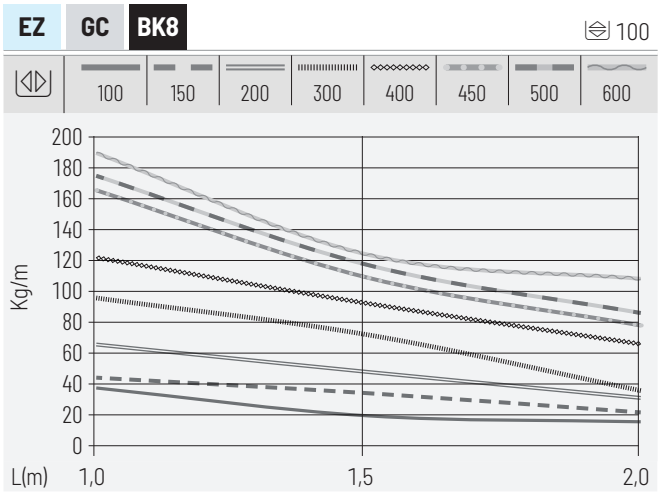
EZ GC BK8 — 35



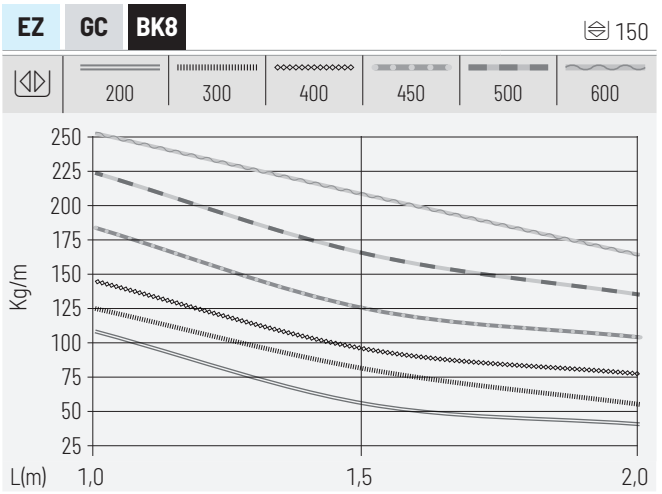
EZ GC BK8 — 60



EZ GC BK8 — 100



EZ GC BK8 — 150



Datos técnicos

Technical data

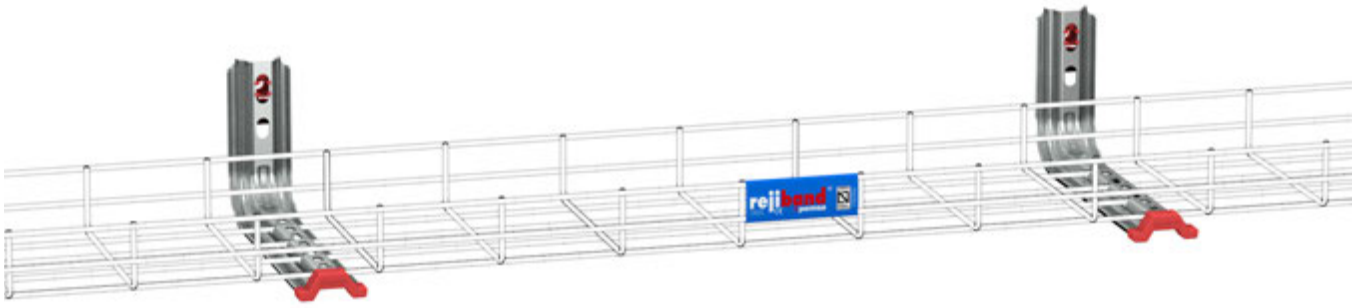
rejiband®

Ensayos de carga de trabajo admisible CTA para instalaciones horizontales

Valores obtenidos según la norma IEC 61537 edición 3, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso. La unión de los tramos de bandejas debe estar situada a una distancia del apoyo de entre L/4 y L/5, siendo L la distancia entre apoyos.

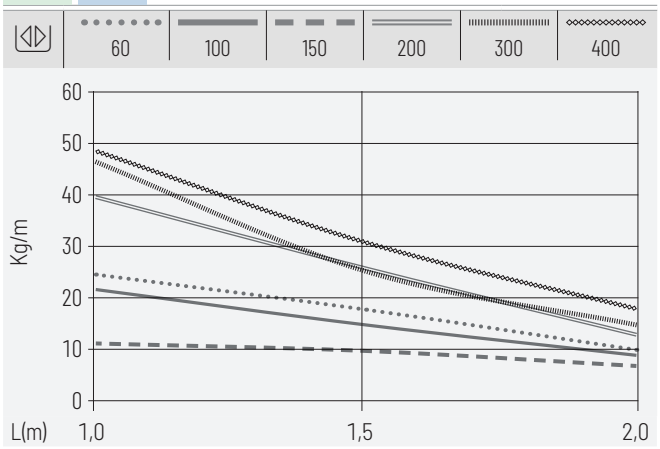
Safety working load tests (SWL) for horizontal installations

Values obtained according to the IEC 61537 standard, edition 3, with a safety coefficient of 170% without ever reaching the collapse point. Tray section joints be situated at a support distance of between L/4 and L/5, L being the distance between supports.

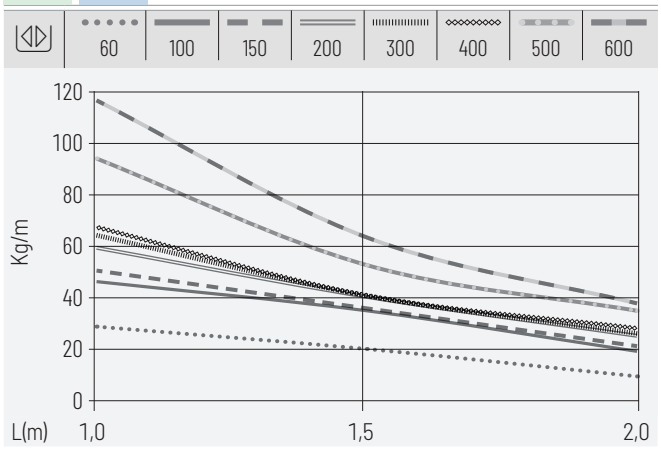


⇕ \ ⇔	60	60-2	100	150	200	300	400	450	500	600
	mm²									
35	1.208		2.312	3.616	4.976	7.696	10.416	-	-	-
60	2.492	2.378	4.442	6.976	9.586	14.420	19.540	22.100	24.660	29.780
100	-		7.742	12.352	16.596	25.716	34.836	39.396	43.956	53.076
150	-		-	-	25.754	39.874	53.994	61.054	68.114	82.234

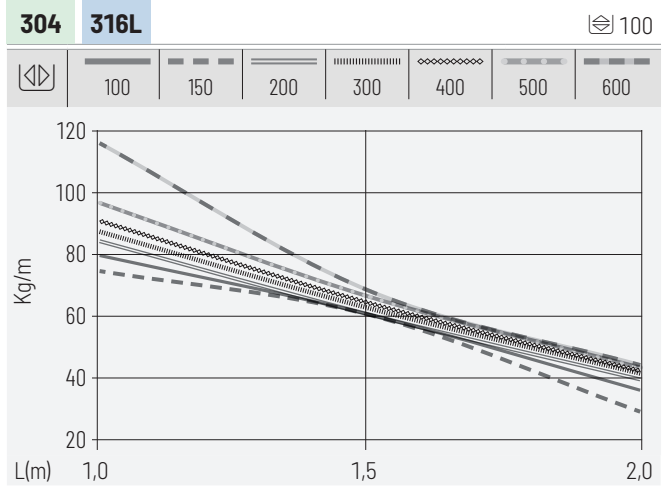
304 **316L** ⇕ 35



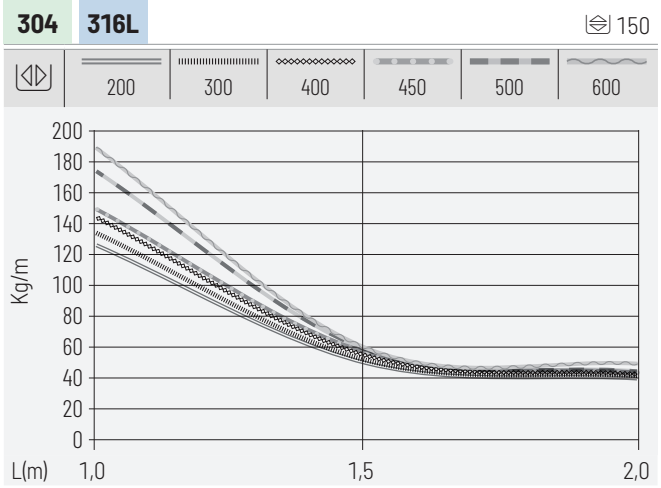
304 **316L** ⇕ 60



304 **316L** ⇕ 100



304 **316L** ⇕ 150

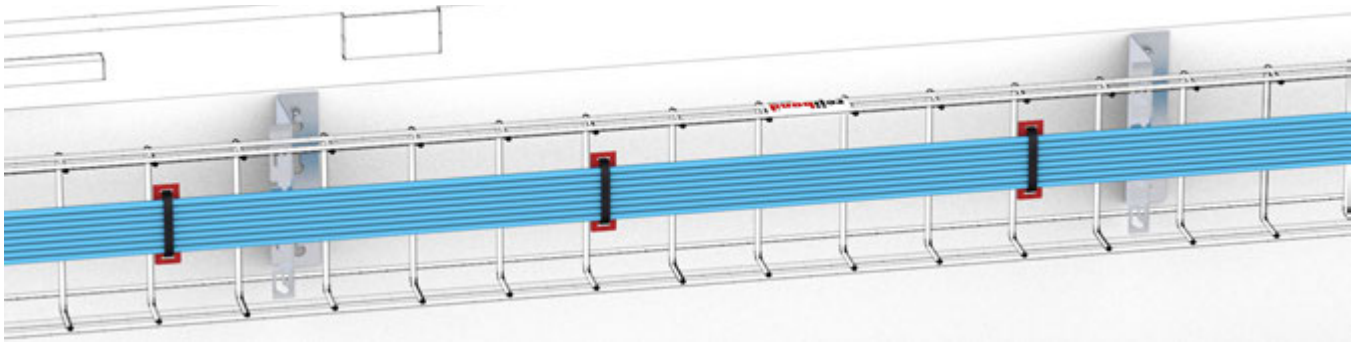


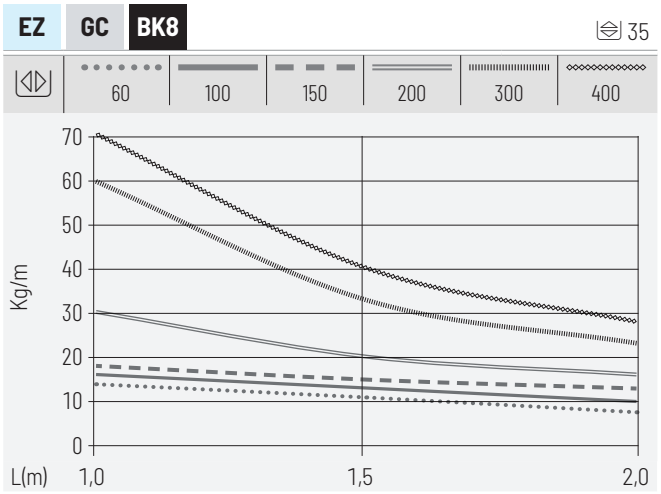
Ensayos de carga de trabajo admisible (CTA) para instalaciones verticales con recorrido horizontal

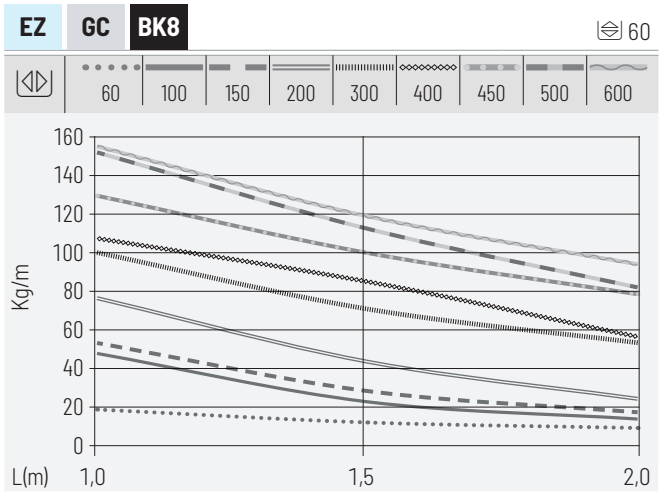
Valores obtenidos según la norma IEC 61537, edición 3, según ensayo vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

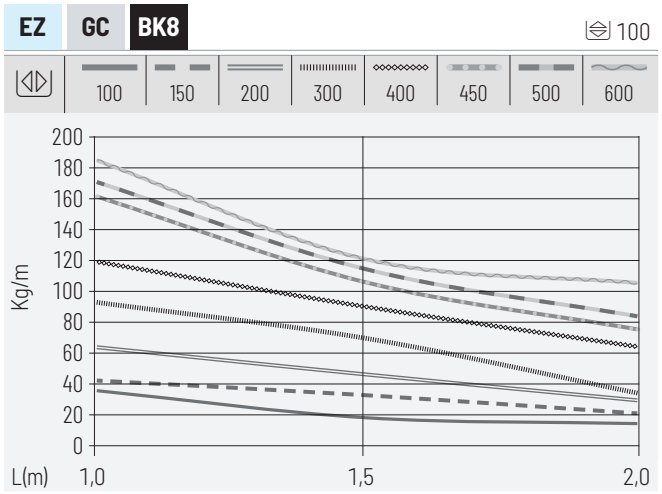
Safety working load tests (SWL) mounted in the vertical plane running horizontally

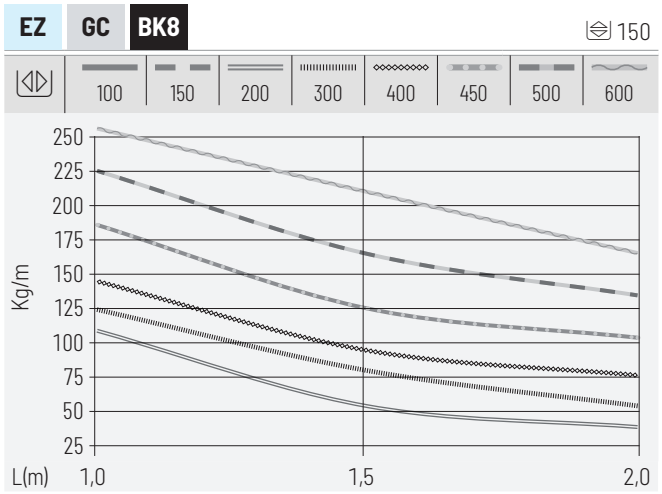
Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical test of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.











Datos técnicos

Technical data

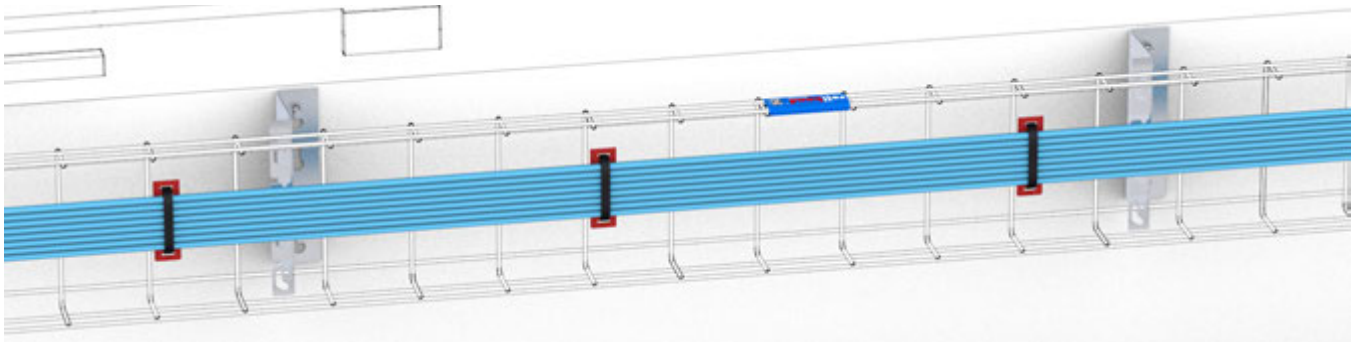
rejiband®

Ensayos de carga de trabajo admisible (CTA) para instalaciones verticales con recorrido horizontal

Valores obtenidos según la norma IEC 61537, edición 3, según ensayo vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

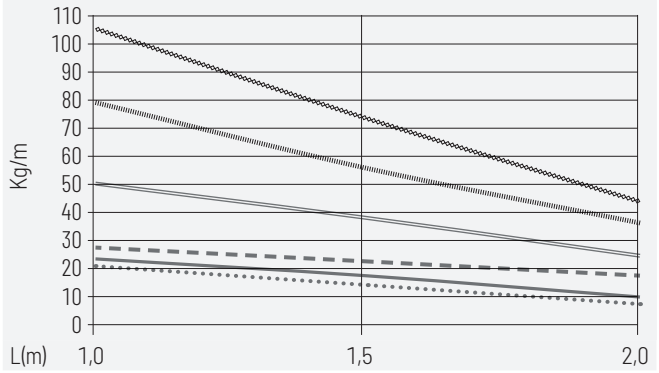
Safety working load tests (SWL) mounted in the vertical plane running horizontally

Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical test of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.



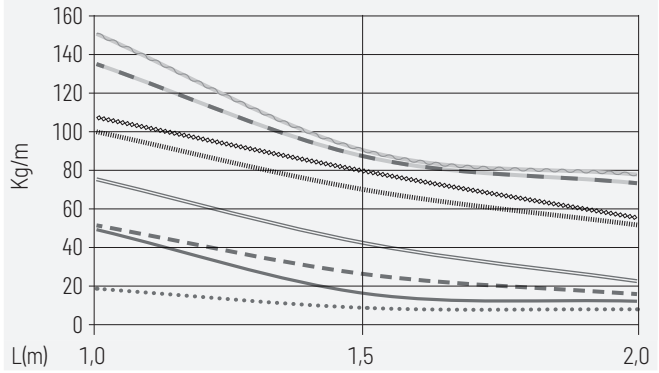
304 **316L** 35

60 | 100 | 150 | 200 | 300 | 400



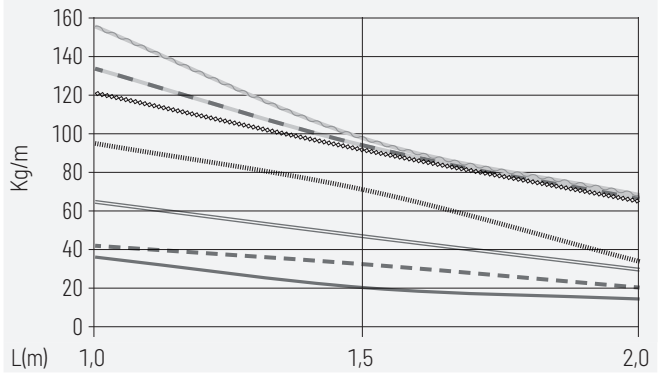
304 **316L** 60

60 | 100 | 150 | 200 | 300 | 400 | 500 | 600



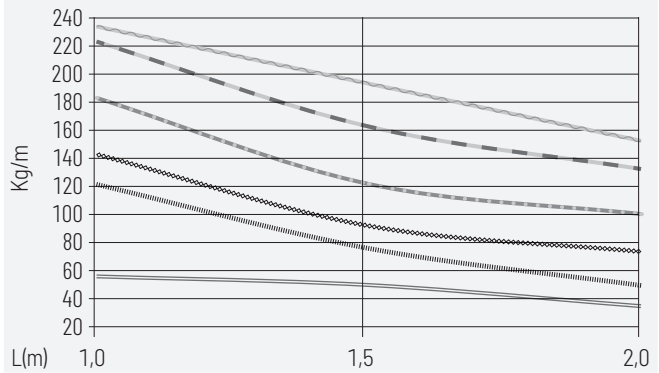
304 **316L** 100

100 | 150 | 200 | 300 | 400 | 500 | 600



304 **316L** 150

200 | 300 | 400 | 450 | 500 | 600



pemsa

rejiband®

60X60-2

Bandeja de rejilla, doble varilla en base

Wire mesh tray, double rod on base

60 • 60 • 3000

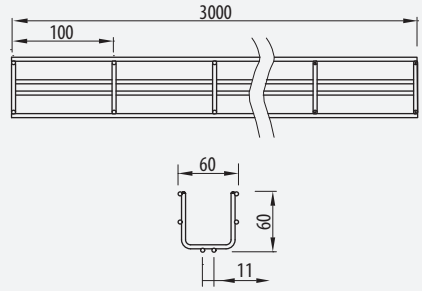
ETIM: EC000853





CE IEC 61537 UK CA RoHS RETIE

• 60 • 60			
S	Ref	kg/u	u
EZ	60212065	0,765	18
GC	60232065	0,792	18
304	60252065	0,765	18
316L	60262065	0,765	18
BK8	60282065	0,765	18



Kit Fijación Rejiband 60x60-2

Part Clamp Kit Rejiband 60x60-2

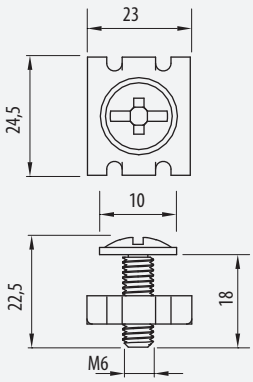




CE IEC 61537 UK CA RoHS

• 60 • 60			
S	Ref	kg/u	u
EZ	64010058	0,014	25
GC	64030058	0,015	25
316L	64060058	0,014	25
BK8	64080058	0,014	25

ETIM: EC002413



Tuerca Raíl

Plain Channel Nut



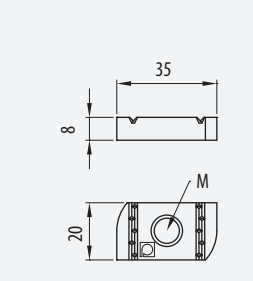


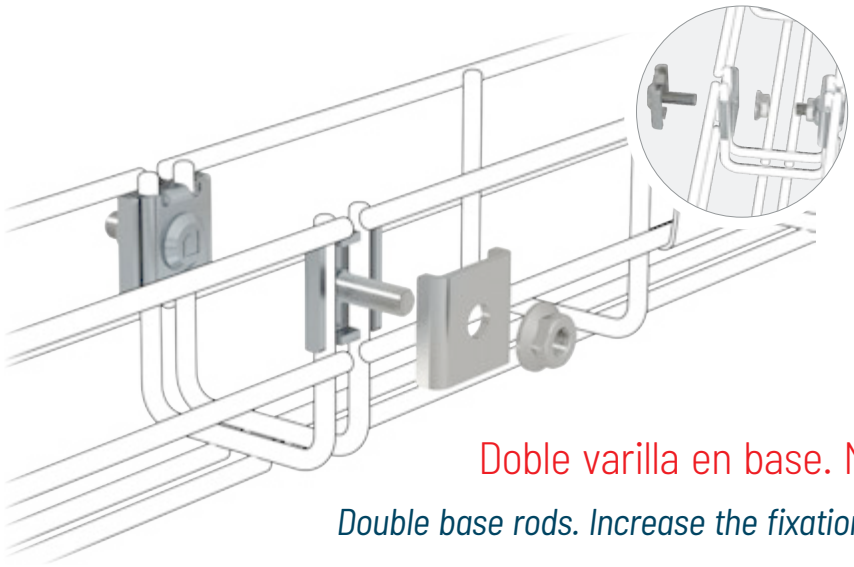
CE UK CA RoHS

• 41x21 • 41x41				
S	M	Ref	kg/u	u
EZ	M6	67020055	0,039	100
	M8	67010056 [4]	0.039	100
GC	M6	67030054	0,040	100
	M8	67030056	0,040	100
316L	M6	67060054	0,039	100
	M8	67060056	0,039	100
	M10	67060058	0,037	100

[4] Bajo pedido, consultar disponibilidad
On request, check availability

ETIM: EC000482





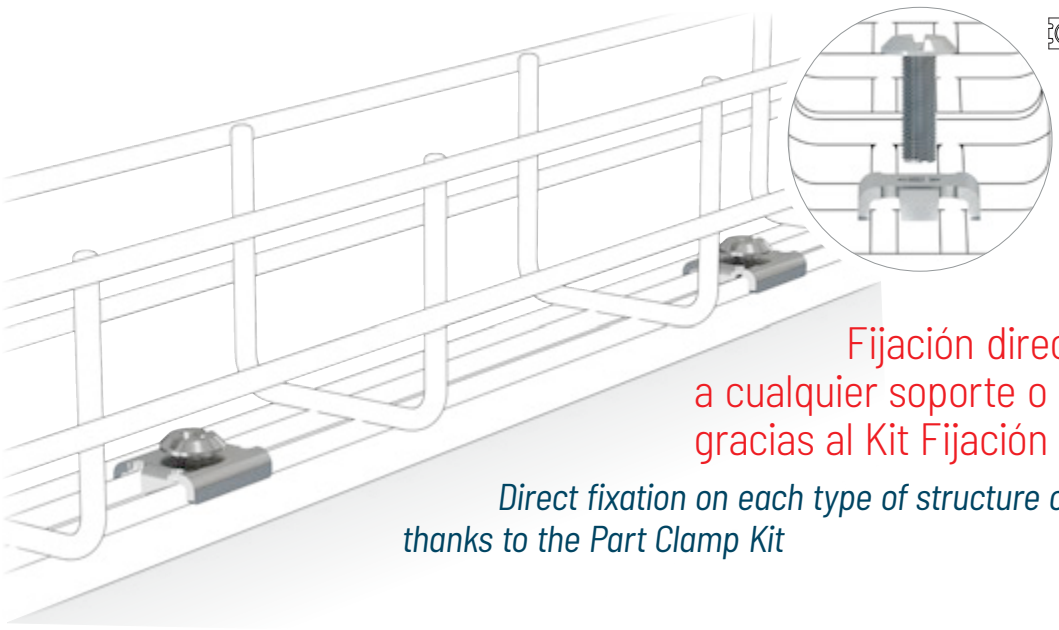
x2 034

Montaje con Uniones reforzadas.

Assembly with Reinforced joint clamps

Doble varilla en base. Mejora la fijación.

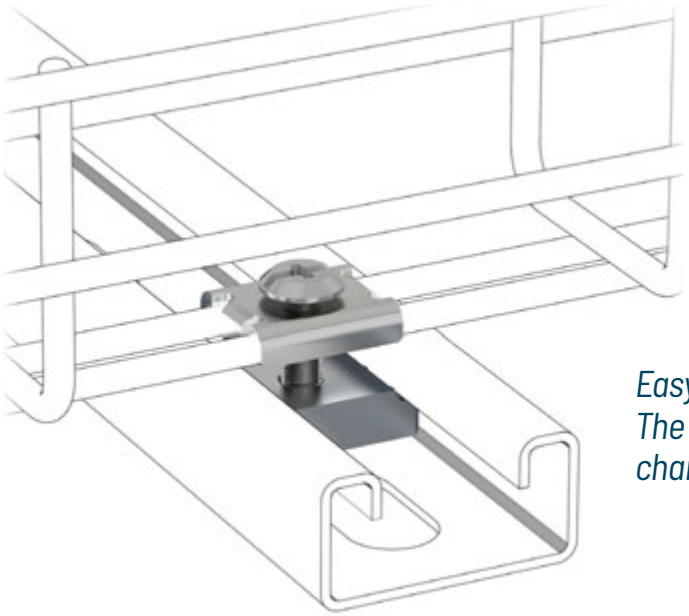
Double base rods. Increase the fixation.



x2 032

Fijación directa a cualquier soporte o estructura gracias al Kit Fijación

Direct fixation on each type of structure or base thanks to the Part Clamp Kit



M6 x1 032

Fijación muy fácil sobre Rail con tuerca rail.

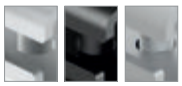
El tornillo giratorio permite enroscar con la tuerca

Easy fixation on strut with channel nut.
The swivel screw allows connection to the channel

Unión Reforzada

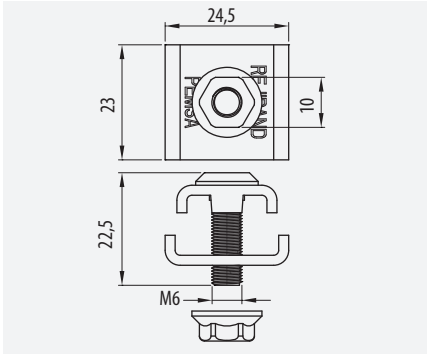
Reinforced Joint Clamp





• 35-60-100-150 • 60-600			
S	Ref	kg/u	
EZ	64010061	0,029	50
GC	64030061	0,030	50
BK8	64080061	0,029	50
316L	64060061	0,029	50

ETIM: EC002413



Unión Click

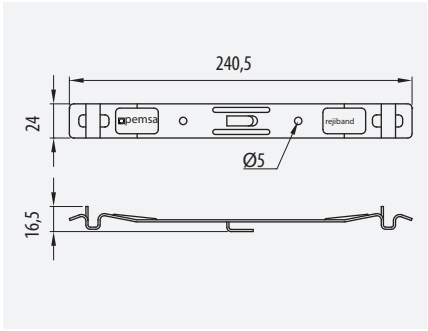
Click Connector





• 35-60-100 • 60-600			
S	Ref	kg/u	
EZ	64010020	0,075	25
GC	64030030	0,077	25
BK8	64080030	0,075	25

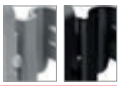
ETIM: EC002413



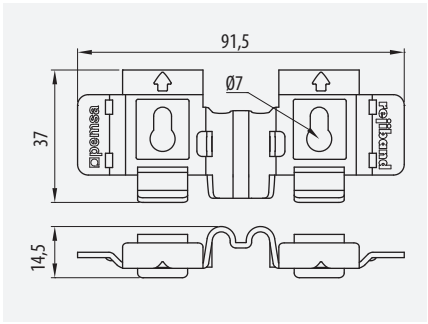
Union Click Rápida

Fast Click Joint





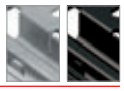
• 60-100 • 60-600			
S	Ref	kg/u	
EZ	64010035	0,043	50
GC	64030035	0,043	50
BK8	64080035	0,043	50



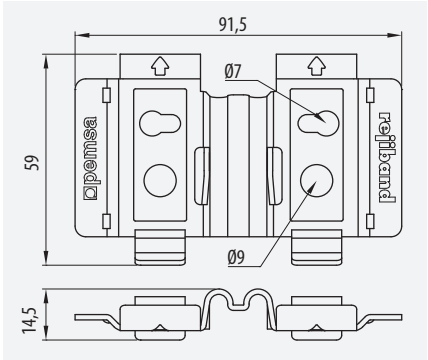
Union Click Rapida Base

Fast Click Base Joint





• 60-100 • 300-600			
S	Ref	kg/u	
EZ	64010036	0,077	10
GC	64030036	0,084	10
BK8	64080036	0,077	10



Conector Click

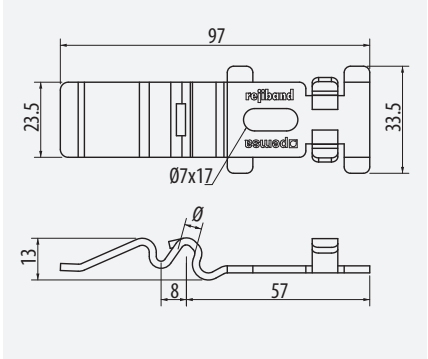
Click Coupler

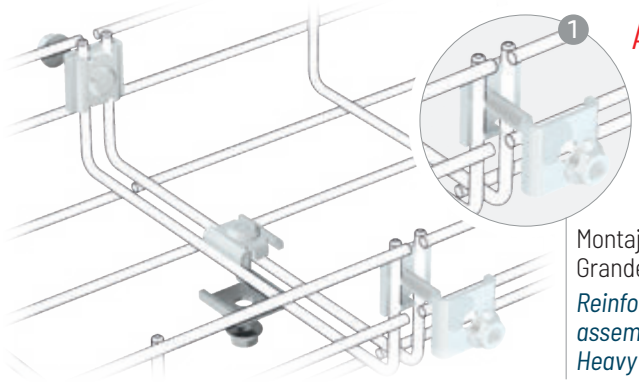




• 60 • 60-600				
S	-	Ref	kg/u	
EZ	4,0 / 4,5	64010038	0,064	20
	5,0	64010040	0,064	20
BK8	4,0 / 4,5	64080038	0,064	20
	5,0	64080040	0,064	20

ETIM: EC002413





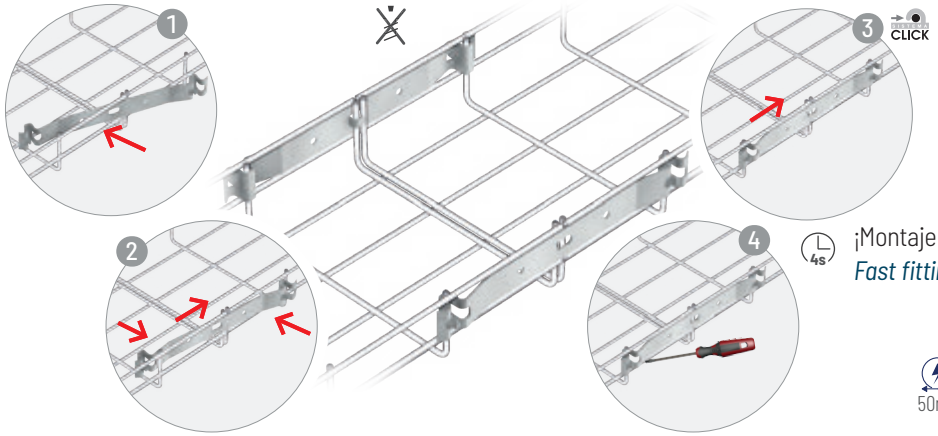
Alta Resistencia
High Resistance

60-150	2
200-400	2+1
500-600	2+2

Montaje reforzado.
Grandes cargas
Reinforced assembly.
Heavy duty loads.

E90 Producto para instalación de Resistencia al fuego E90
Product for E90 Fire Resistance assemblies.

<50mΩ Continuidad eléctrica según norma
Electrical Continuity guaranteed

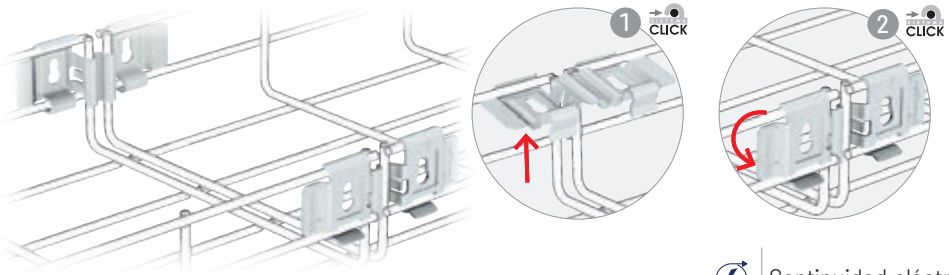


60	2
100	2
150	2
200	2
300	2+1*
400	2+1*
500	2+1*
600	2+1*

*Base

4s ¡Montaje rápido!
Fast fitting!

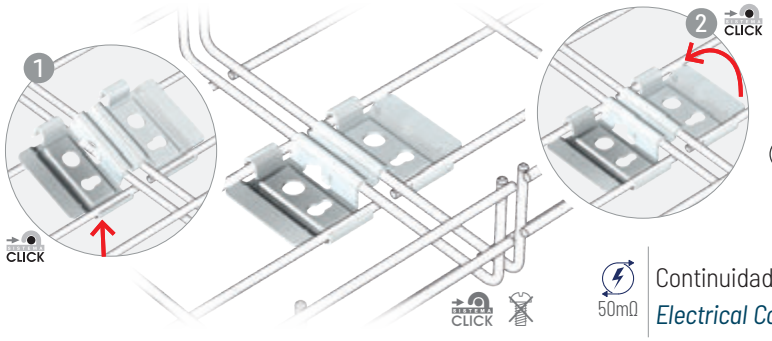
50mΩ Continuidad eléctrica según norma
Electrical Continuity guaranteed



60	2	0
100	2	0
200	2	0
300	2	1
400	2	1
500	2	2
600	2	2

CLICK 4s ¡Montaje rápido!
Fast fitting!

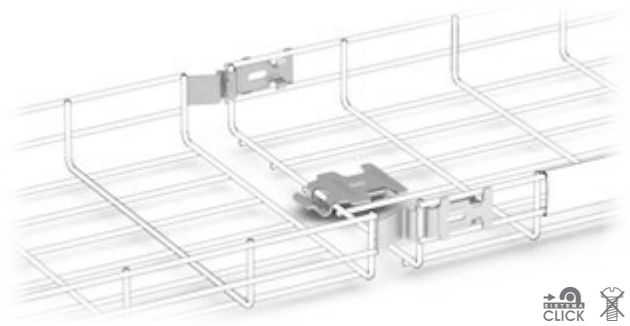
50mΩ Continuidad eléctrica según norma
Electrical Continuity guaranteed



60	2	0
100	2	0
200	2	0
300	2	1
400	2	1
500	2	2
600	2	2

4s ¡Montaje rápido!
Fast fitting!

50mΩ Continuidad eléctrica según norma
Electrical Continuity guaranteed



¡Rápido!
Fast!

034

2s ¡Montaje rápido!
Fast fitting!

<50mΩ Continuidad eléctrica según norma
Electrical Continuity guaranteed

Conector Click Base

Click Base Coupler

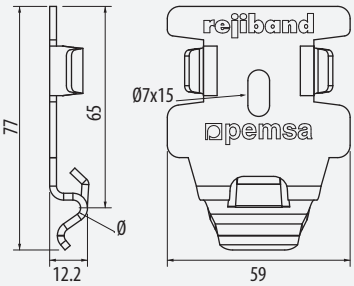




• 60-100 • 60-600

S	mm²	Ref	kg/u	u
EZ	4,0	64010046	0,074	20
	5,0	64010048	0,074	20
BK8	4,0	64080046	0,074	20
	5,0	64080048	0,074	20

ETIM: EC002413



Placa Unión Lateral

Side Joint Plate

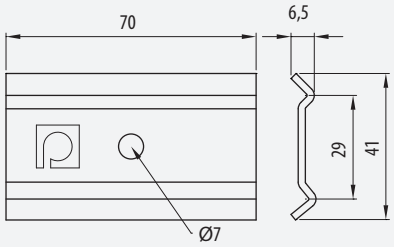




• 60-100-150 • 60-600

S	Ref	kg/u	u
EZ	64010041	0,0486	50
GC	64030041	0,0506	50
BK8	64080041	0,0486	50
316L	64060041	0,0486	50

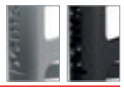
ETIM: EC002413



Unión Curva

Fast Clip

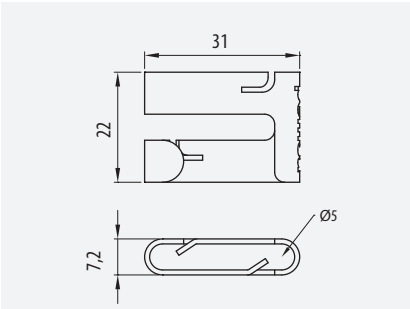




• 35-60-100-150 • 60-600

S	Ref	kg/u	u
EZ	64010072	0,006	50
GC	64030072	0,007	50
BK8	64080072	0,006	50

ETIM: EC002413



Multiunión

Splice Plate



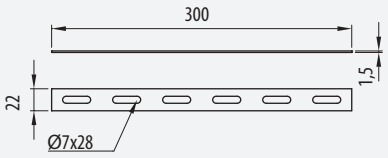




• 35-60-100-150 • 60-600

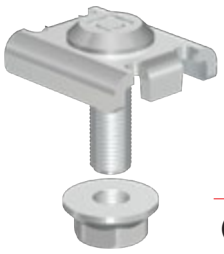
S	Ref	kg/u	u
EZ	67010053	0,067	10
GC	67030047	0,071	10
BK8	67080053	0,067	10
316L	67060053	0,066	10

ETIM: EC002413

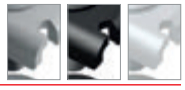


Fijación

Part Clamp



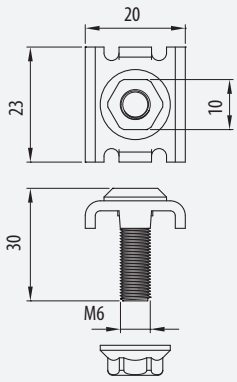


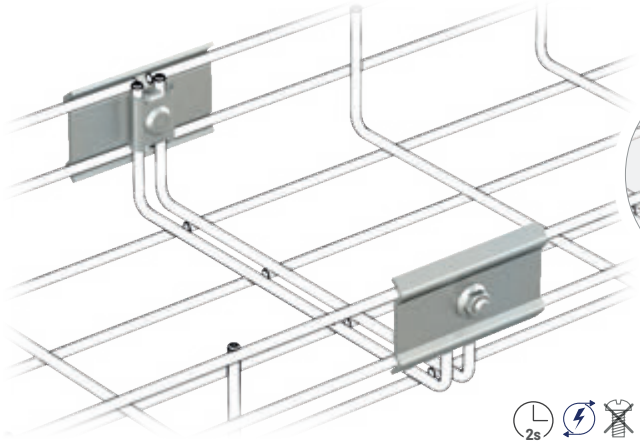


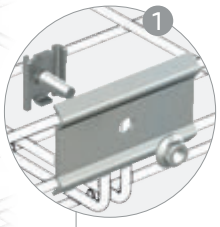
• 35-60-100-150 • 60-600

S	L	Ref	kg/u	u
EZ	20	64010060	0,019	50
GC	20	64030060	0,019	50
	30	64030160	0,020	50
BK8	20	64080060	0,019	50
316L	20	64060060	0,019	50

ETIM: EC002413





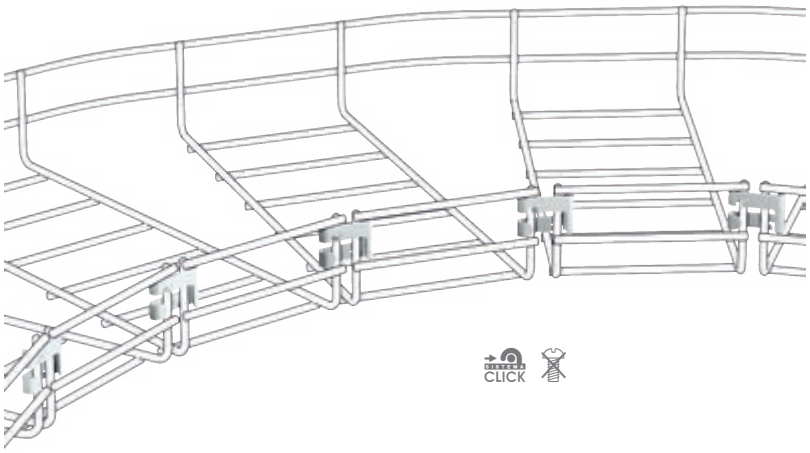


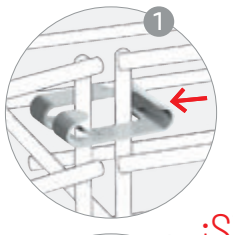
60-200	2	2	0
300-400	2	2	1
400-600	2	2	2

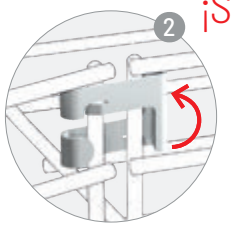
*Base

Excelente Ajuste
Máximos valores de carga
Great fitting Maximun load values

Continuidad eléctrica según norma
Electrical Continuity guaranteed

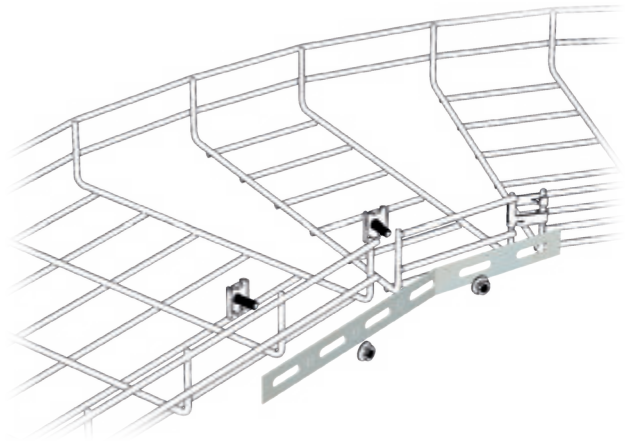


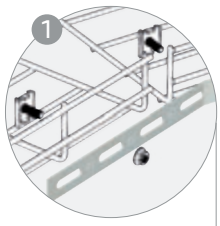


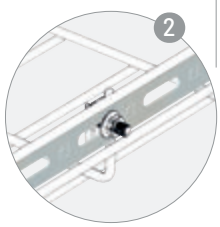


¡Rápido!
Fast!

¡Sin herramientas!
No tools



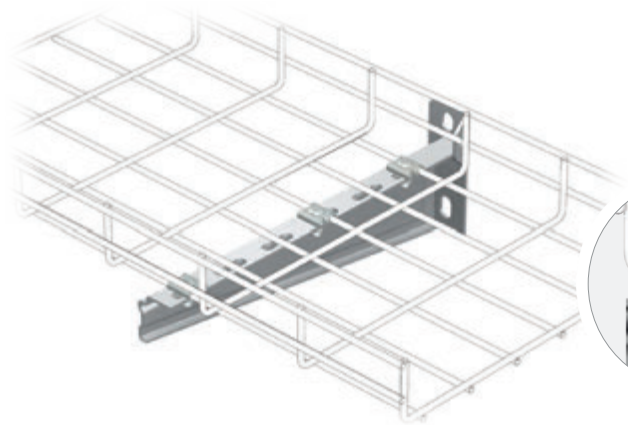




100-200	4	2
300	6	2+1
400-600	8	2+2

Facilita la creacion de curvas
Facilitates the making of curves

¡Polivalente!
Versatile





Ajuste preciso
Máxima resistencia
Precise fitting Maximun resistance

100-150	1
200-400	2
500-600	3

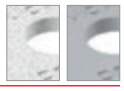
036

Producto para instalación de Resistencia al fuego E90
Product for E90 Fire Resistance assemblies

Placa de Unión

Connector Plate

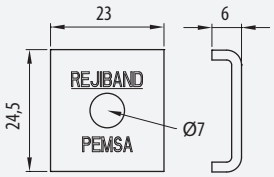




35-60-100-150 • 60-600

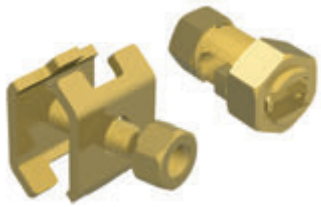
S	Ref	kg/u	u
EZ	64010062	0,0102	50
GC	64030062	0,0102	50
316L	64060062	0,0102	50
BK8	64080062	0,0102	50

ETIM: EC002413



Borna Equipotencialidad

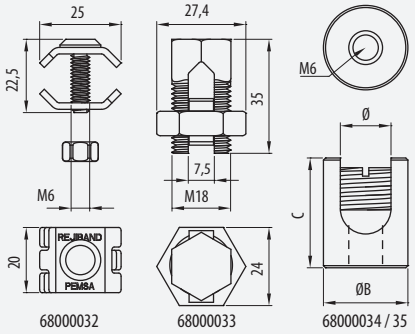
Bonding Connector



35-60-100-150 • 60-600

S	mm²	Ø máx (mm)	Ref	kg/u	u
LAT	16-35	6,5	68000032	0,025	20
	35-45	7,5	68000033	0,064	20
	16-50	8	68000034	0,024	20
	50-110	11,5	68000035	0,043	20

ETIM: EC002935



Conector Trenzado

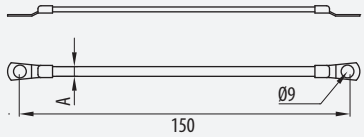
Earth Continuity Connector



35-60-100-150 • 60-600

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

ETIM: EC002935



Tabique Separador Click

Click Divider

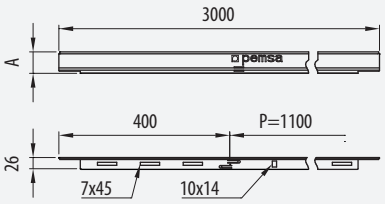




35-60-85-100 • 60-600

S	A		Ref	kg/m	u
PG	25	35	67020610	0,212	60
	50	60	67020611	0,312	48
	80	100	67020612	0,444	36
GC	25	35	67030610	0,261	60
	50	60	67030611	0,384	48
	80	100	67030612	0,541	36
AZ+	50	60	81000312	0,386	48
304	25	35	67050610	0,207	60
	50	60	67050611	0,305	48
	80	100	67050612	0,430	36
316L	25	35	67060610	0,207	60
	50	60	67060611	0,305	48
	80	100	67060612	0,430	36

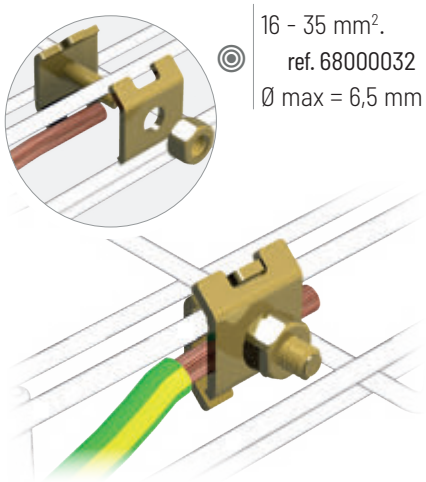
ETIM: EC001000



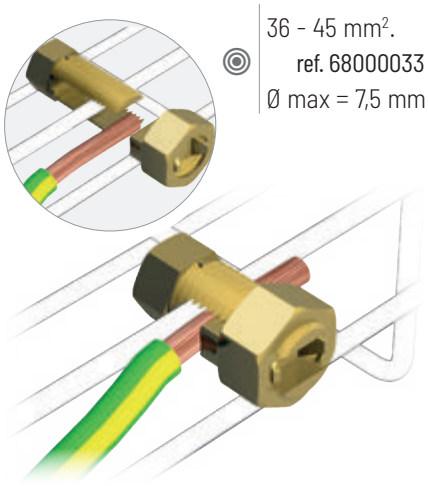
Conexión Equipotencial
Bonding Connection
038

Solucionado
Solution

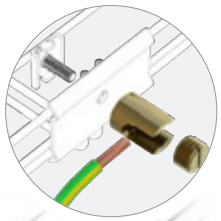
16 - 35 mm².
ref. 68000032
Ø max = 6,5 mm

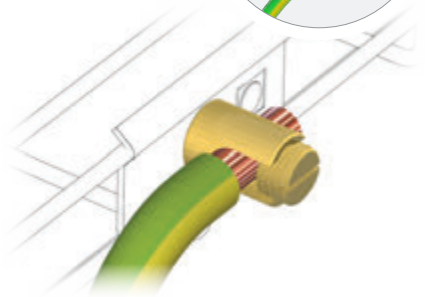


36 - 45 mm².
ref. 68000033
Ø max = 7,5 mm

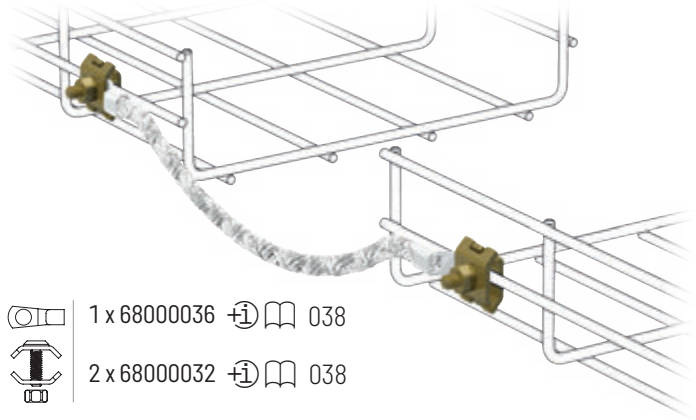


50 - 110 mm²
Ø máx. = 8,0 mm





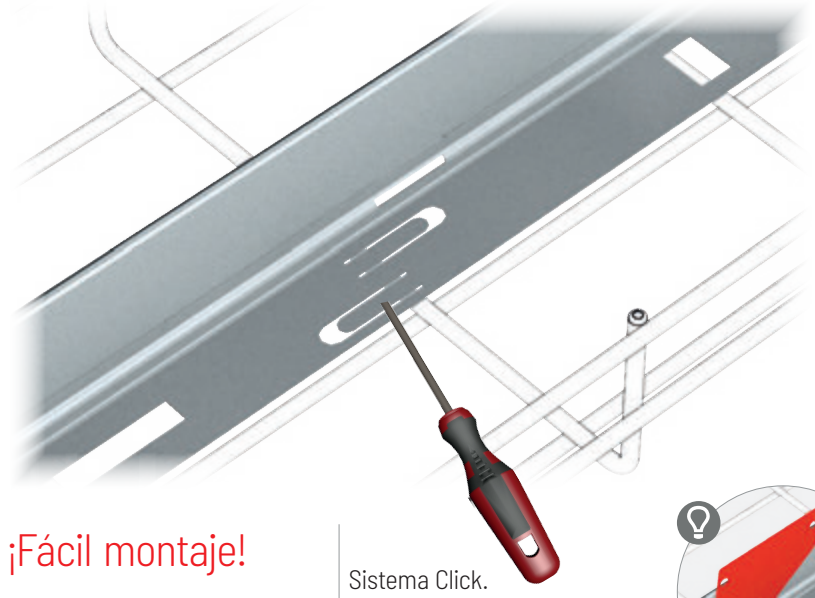
ref. 68000035 038
+
ref. 640x0041 036
+
ref. 640X0060 036



1 x 68000036 038
2 x 68000032 038

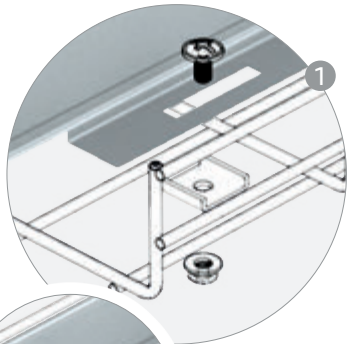


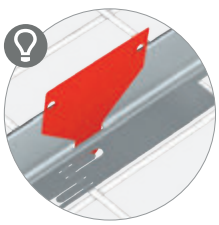
<50mΩ
Continuidad eléctrica según norma
Electrical Continuity guaranteed

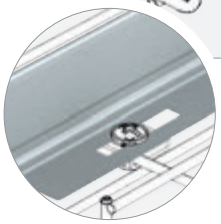


x1
M6x20
x1m 252

GC







¡Fácil montaje!
Easy installation

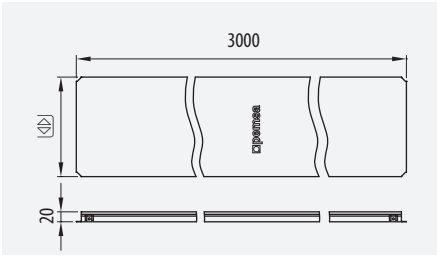
Sistema Click.
Sin tornillos.
Click System.
No screws are required

pemsa

Tapa

Cover







• 35-60-100-150 • 60-600				
S		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
	600	73021600	4,078	6
GC	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
	450	73031450	3,556	6
	500	73031500	4,700	6
	600	73031600	5,577	6
AZ+	60	82003760	0,460	24
	100	82003761	0,640	24
	150	82003762	0,880	12
	200	82003763	1,120	12
	300	82003764	1,840	6
	400	82003765	2,390	6
	500	82003766	3,370	6
	600	82003767	4,000	6
BK8	60	82004011	0.476	24
	100	82004012	0.671	24
	150	82004013	0.920	12
	200	82004014	1.170	12

• 35-60-100-150 • 60-600				
S		Ref	kg/u	u
BK8	300	82004015	1.930	6
	400	82004016	2.480	6
	450	82004017	3.090	6
	500	82004018	3.490	6
	600	82004019	4.130	6
PT	60	82002531	0,493	24
	100	82002532	0,690	24
	150	82002533	0,939	12
	200	82002534	1,190	12
	300	82002535	1,960	6
	400	82002536	2,540	6
	500	82002537	3,555	6
	600	82002538	4,210	6
304	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
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

Bajo pedido, consultar disponibilidad
On request, check availability

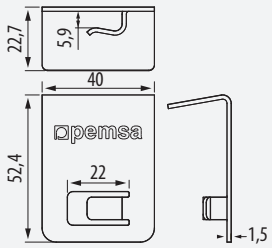
ETIM: EC001000

Fijación Tapa **rejiband®**

***rejiband®** cover fixing*



• 60 • 60-600			
S	Ref	kg/u	u
AZ+	82003333	0,033	20



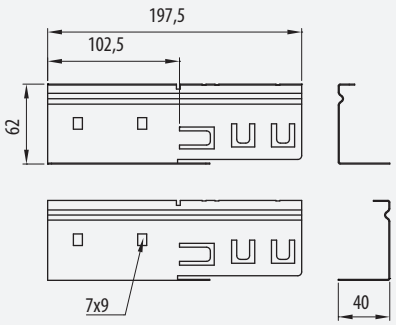
Unión **rejiband®**- **pemsaband®**

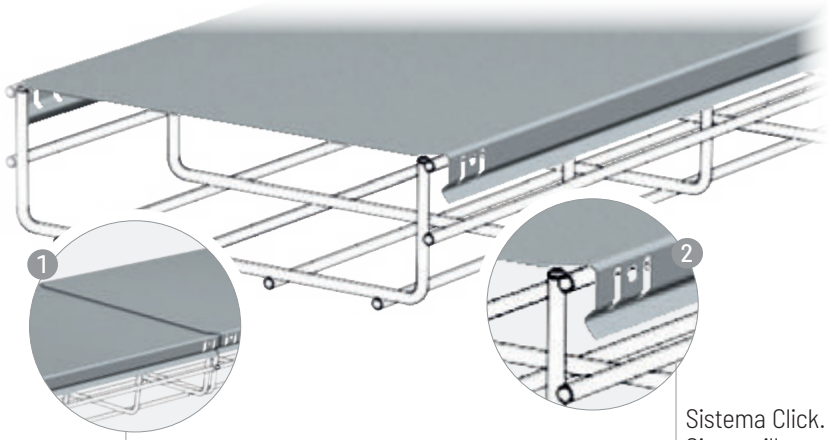
Coupler **rejiband®- pemsaband®**



• 60 • 60-600			
S	Ref	kg/u	u
PG	70120200	0,190	2
GC	70130200	0,214	2

ETIM: EC002413

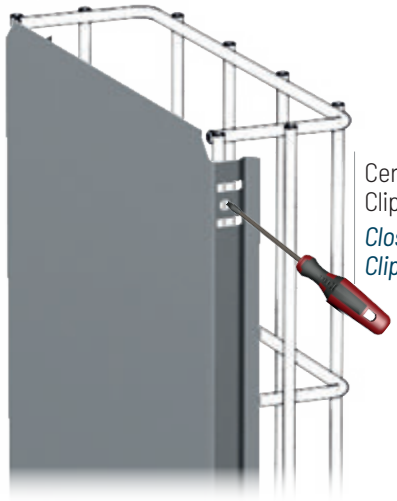




Solape de Tapas.
Aumenta el ajuste
Overlap of Covers.
Increases the rigidity

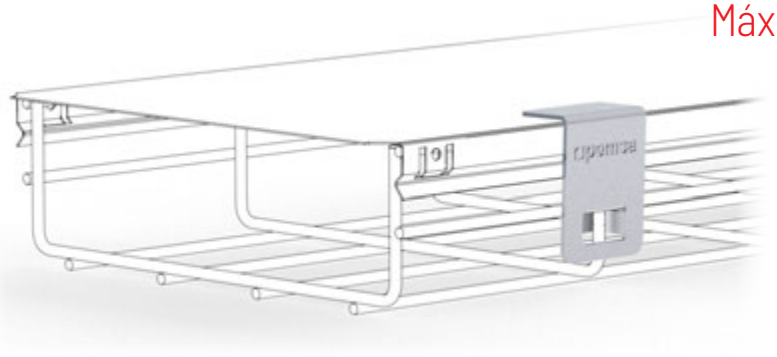
Sistema Click.
Sin tornillos.
Click System.
No screws are required

¡Fijación vertical segura!
Secure vertical fixing!



Cerrar
Clip
Close
Clip

Sin elementos auxiliares
Safe vertical installation.
No additional fixings

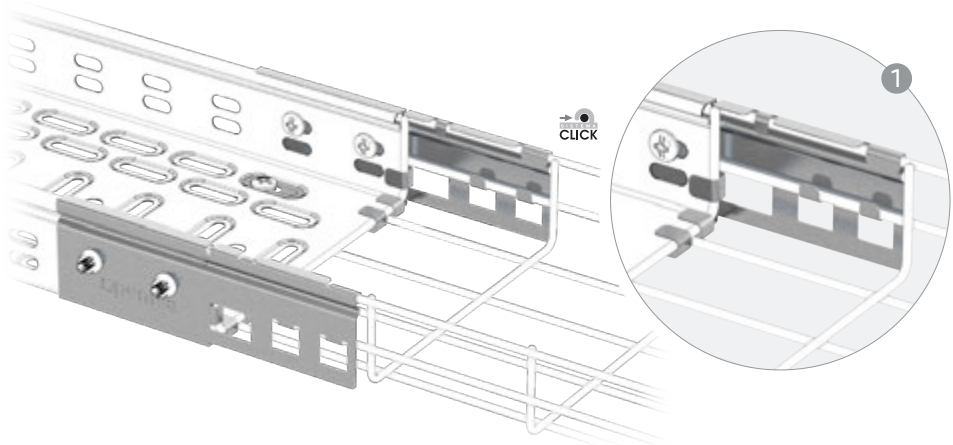


Máxima seguridad ante viento y climatología extrema

Seguridad potenciada frente climatología extrema y viento

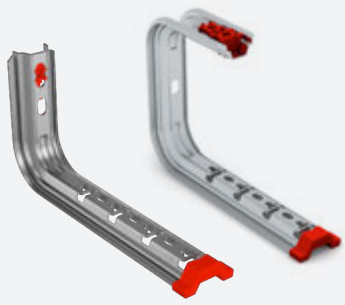
Maximum safety against wind and extreme weather.

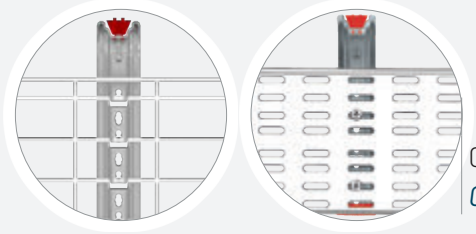
Enhanced security against extreme weather and wind



<50mΩ
Continuidad eléctrica según norma
Electrical Continuity guaranteed

6 x 67030093 i 252





IDEA
Universal Omega Splus

Compatibles con todas las bandejas
Compatible with all trays

IEC 61537

i 206

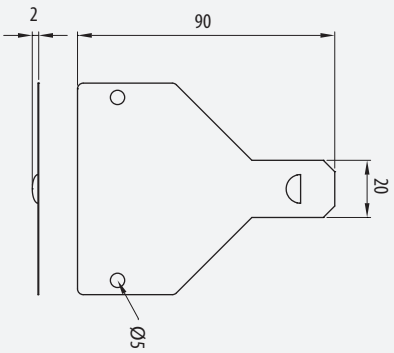
Portaetiqueta
Identification Label



35-60-100-150 • 60-600

Ref	kg/u	
68000020	0,002	50

ETIM: EC002935



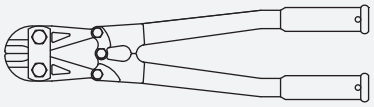
Tenaza Corte
Bolt Croppers



35-60-100-150 • 60-600

Ref	kg/u	
68000058	1,600	1

ETIM: EC002935



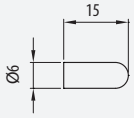
Punta de Remate
Wire End Cap



35-60-100-150 • 60-600

Ref	kg/u	
68000049	0,001	100

ETIM: EC002935



Pintura Zinc 400 ml
Zinc Paint Spray 400 ml



35-60-100-150 • 60-600

	Ref	kg/u	
GC	68000052	0,520	1
BK8	68000053	0,520	1

ETIM: EC002935

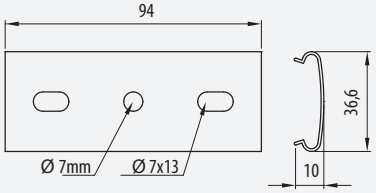
Soporte Caja
Box Support

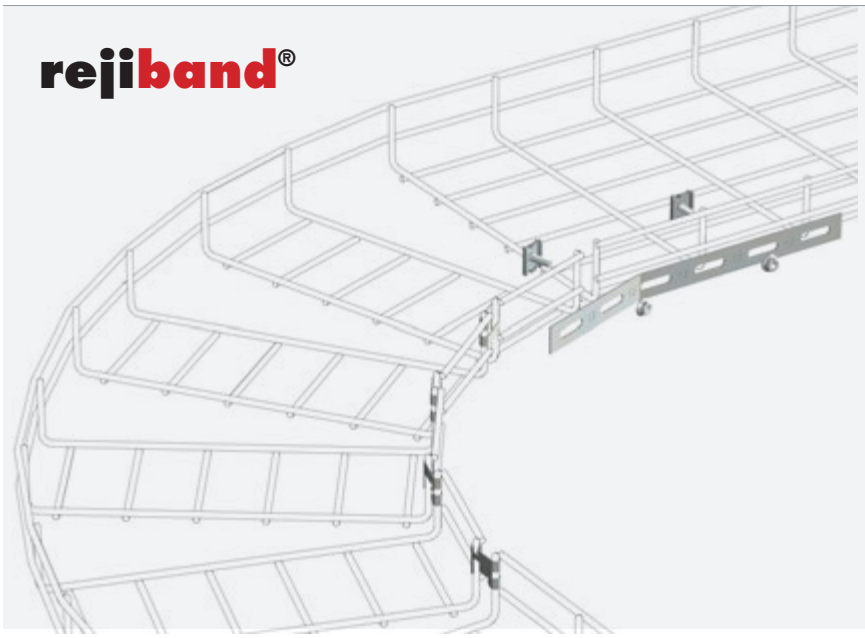


60-100-150 • 60-600

Ref	kg/u	
68000040	0,010	20

ETIM: EC002935





IDEA

Curvas, Derivaciones, accesorios

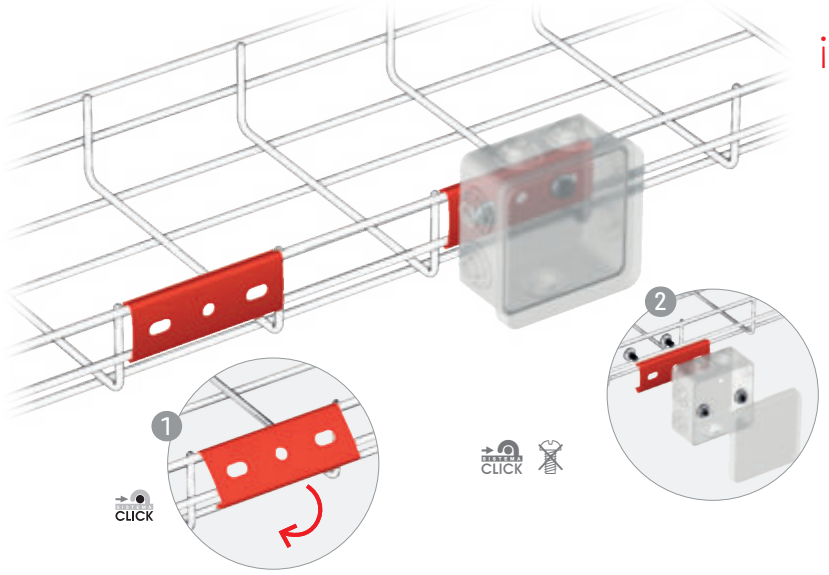
Bends, T, accessories



Descargue aquí.
Download here.







¡Rápido, económico!

Fast and economical

Multiples Aplicaciones:
- Luminarias
- Emergencias
- Cajas
- Router
- Sensores
- Detectores CO_2
- Cámaras

Multiple Applications:
- *Lamps*
- *Emergency lighting*
- *Boxes*
- *Router*
- *Sensors*
- *CO_2 Detectors*
- *Cameras*

Soporte Luminaria y Caja

Luminaire and Box Support

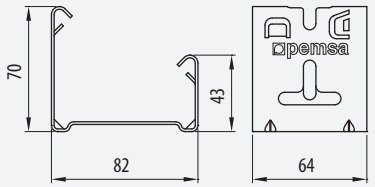




• 35-60 • 100-600			
S	Ref	kg/u	U
EZ	67010030	0,143	10
GC	67030030	0,144	10
BK8	67080030	0,143	10

NO 60, 150, 450

ETIM: EC002935



Mini Soporte

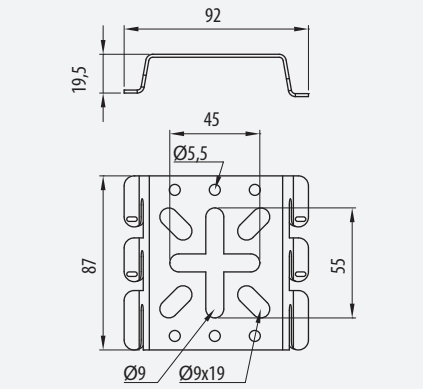
Mini Universal Bracket





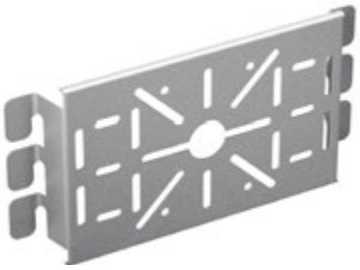
• 60-100-150 • 60-600			
S	Ref	kg/u	U
PG	62026010	0,091	10
GC	62036010	0,101	10
BK8	62086010	0,091	10
316L	62066010	0,095	10

ETIM: EC000022



Soporte Universal

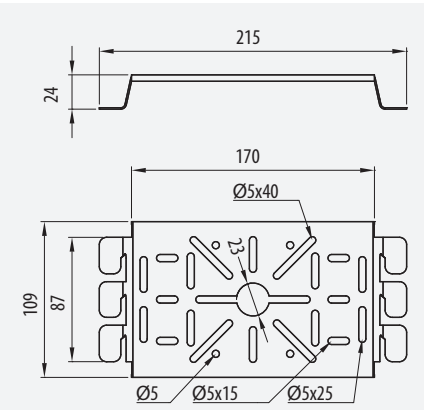
Universal Bracket





• 60-100-150 • 60-600			
S	Ref	kg/u	U
PG	62026011	0,173	10
GC	62036011	0,187	10
BK8	62086011	0,173	10
316L	62066011	0,180	10

ETIM: EC000022



Soporte Brida

Fixing Support

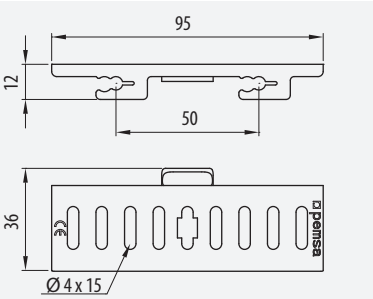


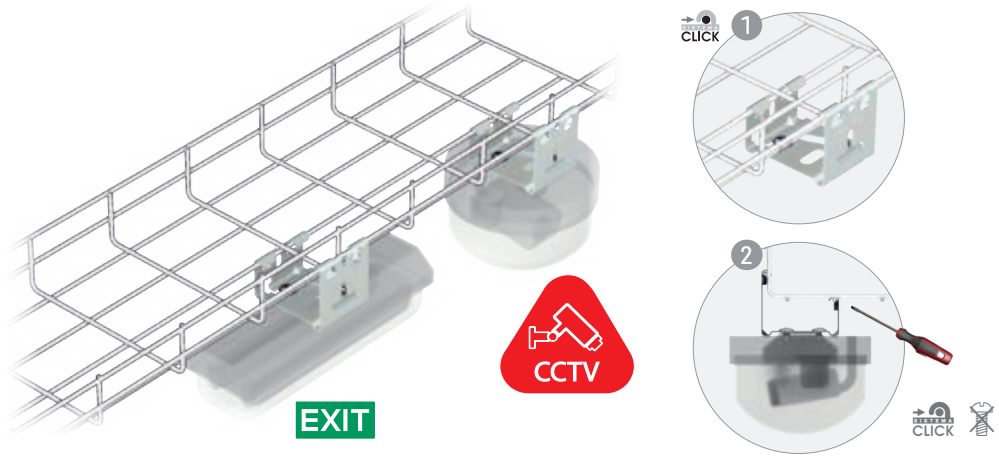


• 35-60-100-150 • 60-600			
	Ref	kg/u	U
	68000010	0,009	20
	68000110	0,009	20

ETIM: EC002407

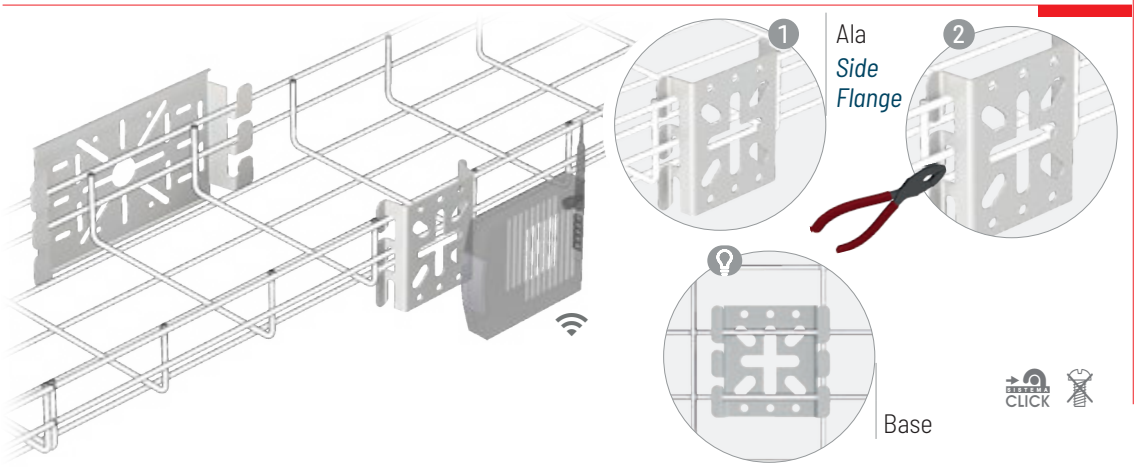
68000110: V0, UL94

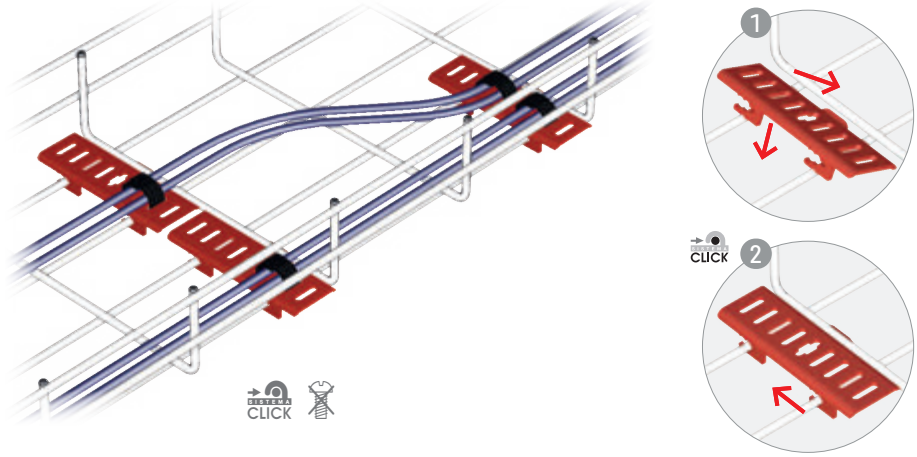




Multiples Aplicaciones:
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- Router
- Sensores
- Detectores CO_2
- Cámaras

Multiple Applications:
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- *Emergency lighting*
- *Boxes*
- *Router*
- *Sensors*
- *CO_2 Detectors*
- *Cameras*





¡Cables organizados!

Cable Management

Cables / *Cables* / UTP Cat

Fibra óptica / *Fibre Optic*

Cables de Potencia
Power Cables



SOLUTIONS

Centro de Datos
Data Center

rejiband® RAPIDE

BLACK C8® IEC 61537

IEC 61537 RJ45-1

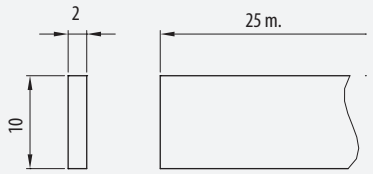
Rejifix

Rejifix



• 35-60-100-150 • 60-600		
Ref	kg/u	u
68000002	0,140	1

ETIM: EC002407



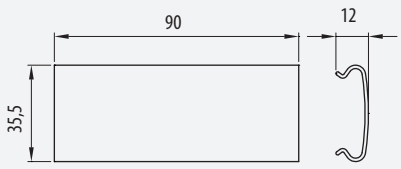
Placa Identificación

Identification Plate



• 60-100-150 • 60-600		
Ref	kg/u	u
69000400	0,011	20

ETIM: EC002407



Salida de Fibra Óptica

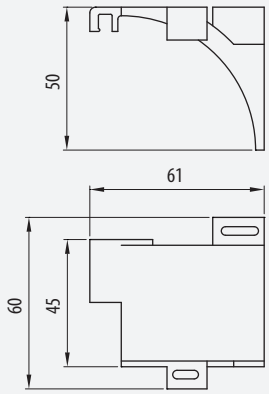
Data Outlet



	• 35-60-100-150 • 100-600		
	Ref	kg/u	u
	67020039	0,014	10
	67020139	0,014	10

ETIM: EC002407

67020139: V0, UL94



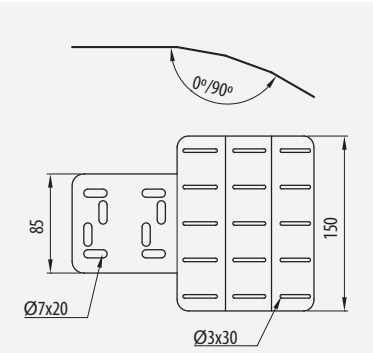
Salida de Cables

Cable Outlet



• 35-60-100-150 • 60-600			
S	Ref	kg/u	u
PG	67010016	0,132	1
GC	67030016	0,157	1

ETIM: EC002407

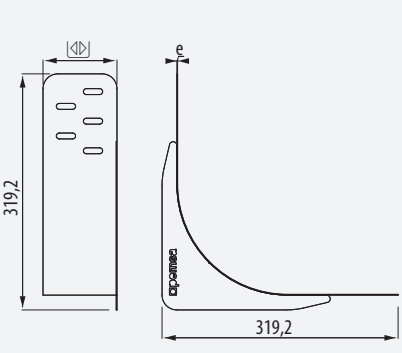


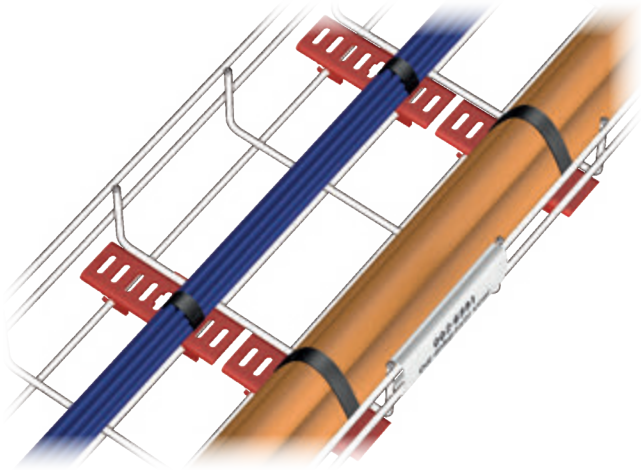
Curva Soporte Radio

Radius Support



• 60-100 • 60-600				
S		Ref	kg/u	u
EZ	60	82003330	0,350	1
	100	82003328	0,517	1
	150	82003453	0,727	1
GC	60	82003332	0,379	1
	100	82003329	0,560	1
	150	82003455	0,787	1

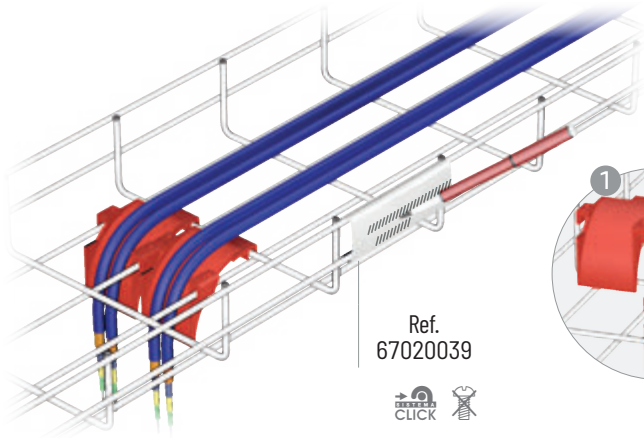






¡Reutilizable!
Reusable

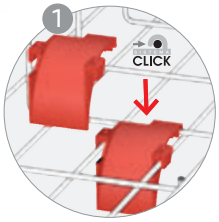
Fijación de Cables de potencia y datos
Fixation of power and data cables

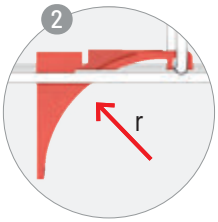


Ref.
67020039

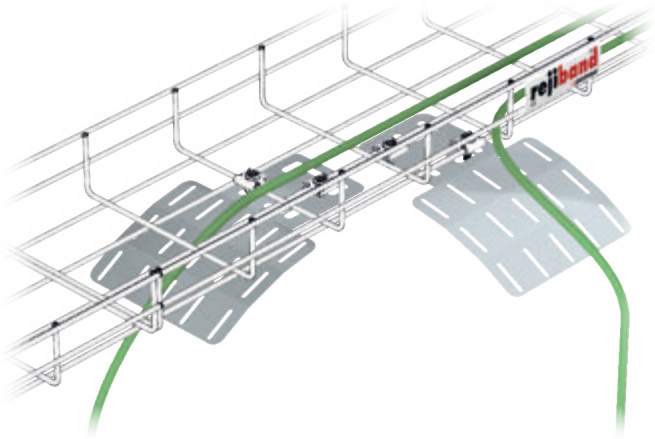
CLICK

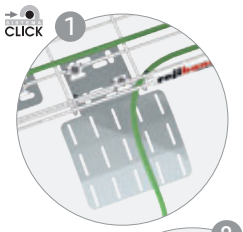
Protege el cable.
¡Radio curvatura óptimo!
Protects cables. Optimum bending radius

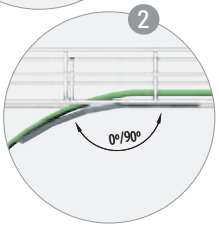




Cables / *Cables* / UTP Cat
Fibra óptica / *Fibre Optic*
Radio Curvatura <50 mm
Bending Radius <50 mm



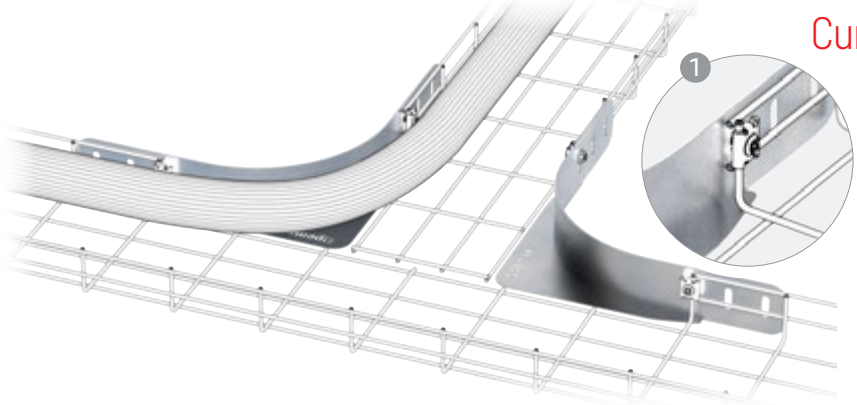




x 2 | 036

¡Ajustable!
Adjustable

Protege la salida de Cables de Potencia y Datos
Outlet protection for Power and Data Cables



Curvas mejoradas y seguras
en bandejas de rejilla Rejiband en instalaciones de cables de datos y Data Centers

Improved and safe bends
or Rejiband wire mesh trays in data cable installations and Data Centers

Salida de Tubo

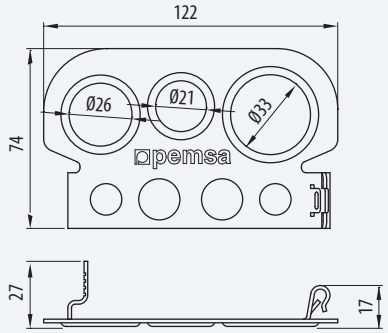
Conduit Gland Bracket



60-100-150 • 60-600

S	Ref	kg/u	u
EZ	67010040	0,065	10
BK8	67080040	0,082	10

ETIM: EC002407



Salida de Tubos Doble

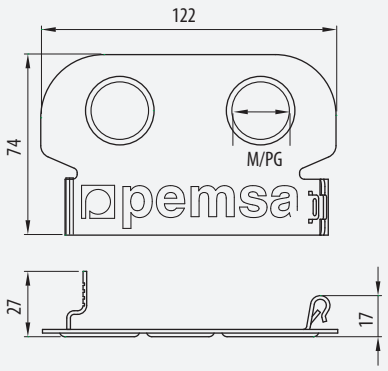
Double Gland Bracket



60-100-150 • 60-600

S		Ref	kg/u	u
EZ	M20, PG13, ½"	67010240	0,101	10
	M25, PG16, 3/4"	67010340	0,097	10
	M32, PG29, 1"	67010440	0,089	10
BK8	M20, PG13, ½"	67080240	0,101	10
	M25, PG16, 3/4"	67080340	0,097	10
	M32, PG29, 1"	67080440	0,089	10

ETIM: EC002407



Soporte Ligero Techo

Light Duty Ceiling Support

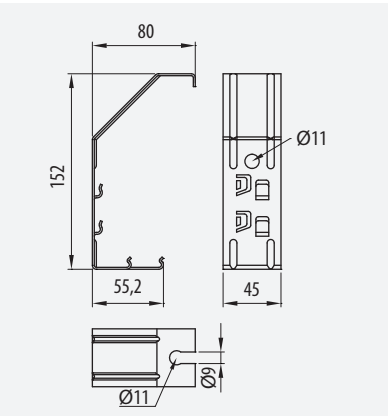


35-60 • 60-100-150

S	Ref	kg/u	u
EZ	62016020	0,127	10
GC	62036020	0,127	10
BK8	62086020	0,127	10

NO rejiband® 35x60

ETIM: EC000022



Soporte Ligero Pared

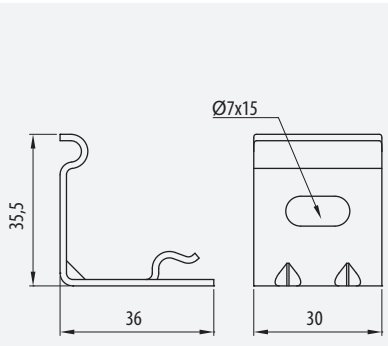
Light Duty Wall Support

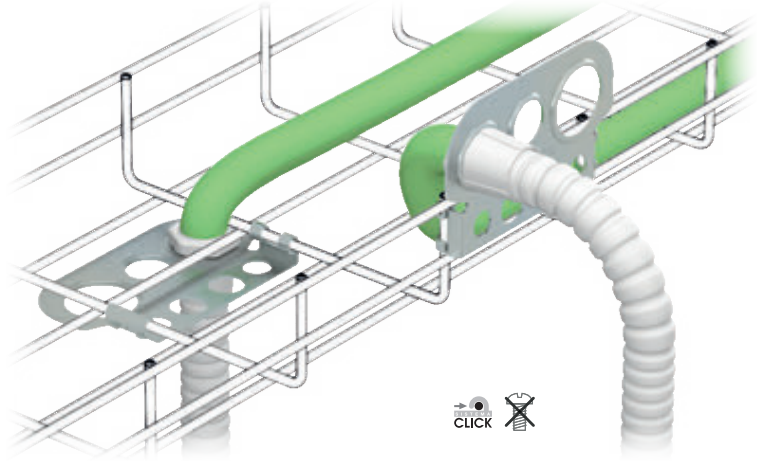


60 • 100

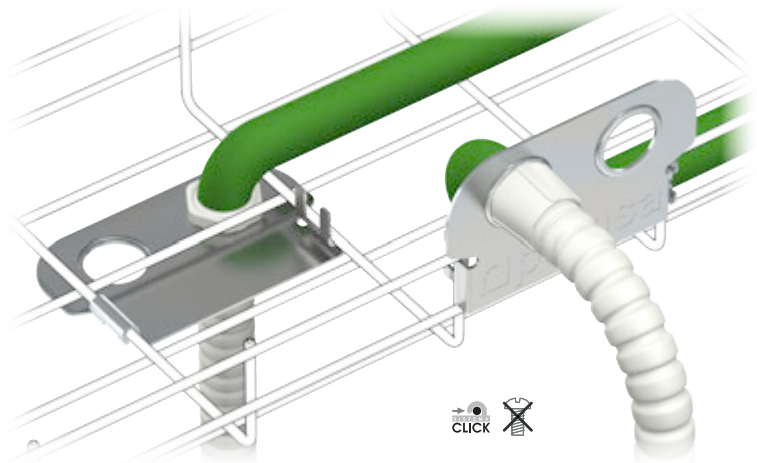
S	Ref	kg/u	u
EZ	62016021	0,055	25
GC	62036021	0,055	25
BK8	62086021	0,055	25

ETIM: EC000022

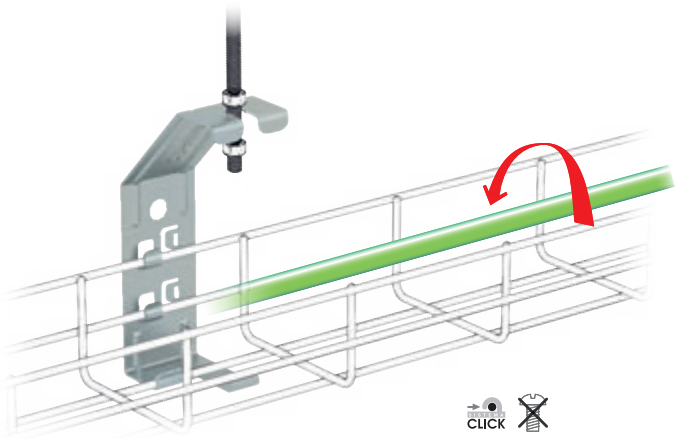


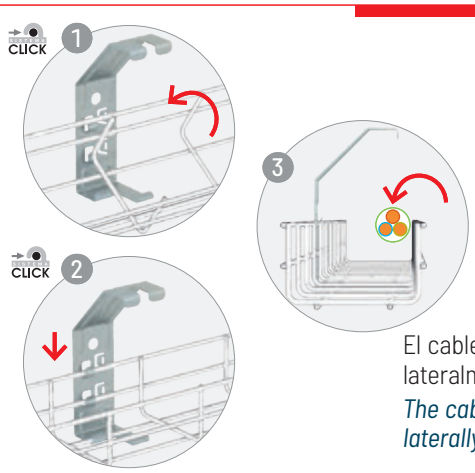


¡Protege salida del cable!
Protects cable outlet

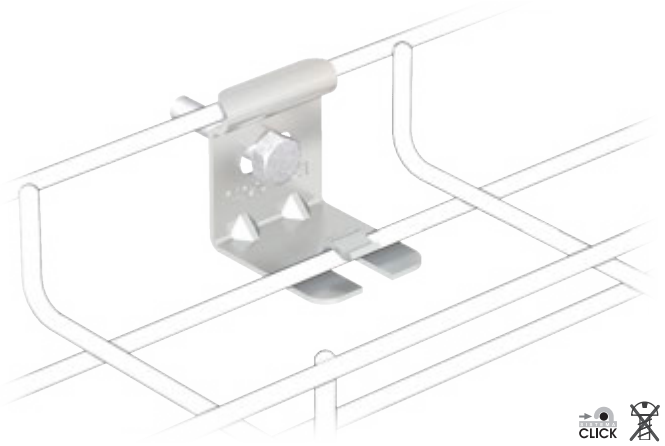


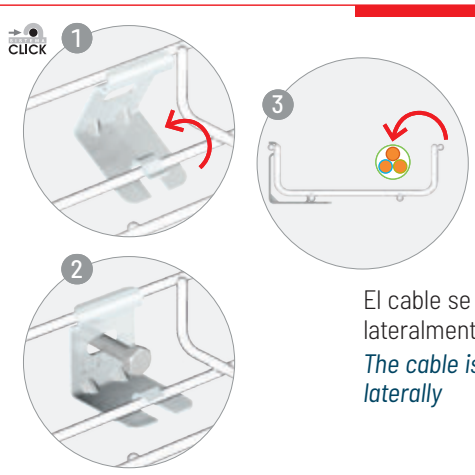
Usar con Tubo Pemsa + Racor RGp
Use with Pemsa Conduit + RGp Coupler





El cable se introduce lateralmente
The cable is introduced laterally





El cable se introduce lateralmente
The cable is introduced laterally

pemsa

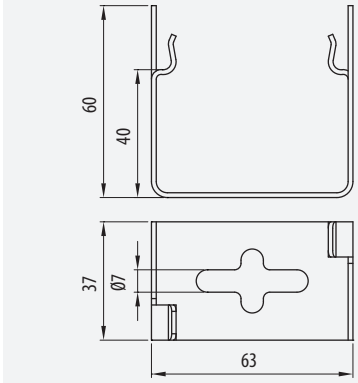
Soporte Ligero 60

Base Support 60



• 35-60 • 60			
S	Ref	kg/u	u
EZ	62016022	0,066	10
GC	62036022	0,066	10
BK8	62086022	0,066	10
316L	62066022	0,066	10

ETIM: EC000022



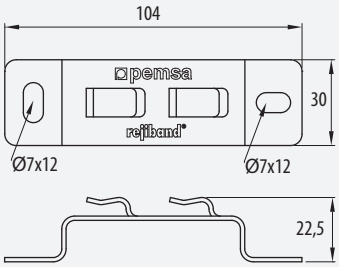
Soporte 60

Side Support 60



• 60 • 60-100-150			
S	Ref	kg/u	u
EZ	62011060	0,042	25
GC	62031060	0,044	25
BK8	62081060	0,044	25
316L	62061060	0,042	25

ETIM: EC000022



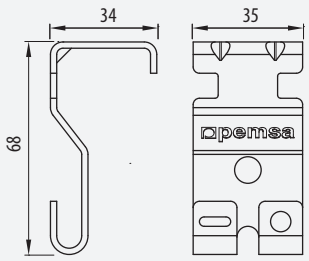
Suspensión Lateral

Suspension Hanger



35-100 • 60-600			
S	Ref	kg/u	u
PG	81000019	0,058	18
GC	81000021	0,057	18
BK8	81000022	0,057	18

ETIM: EC000022



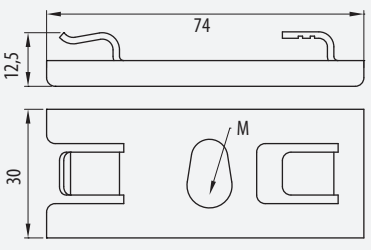
Suspensión Central Click

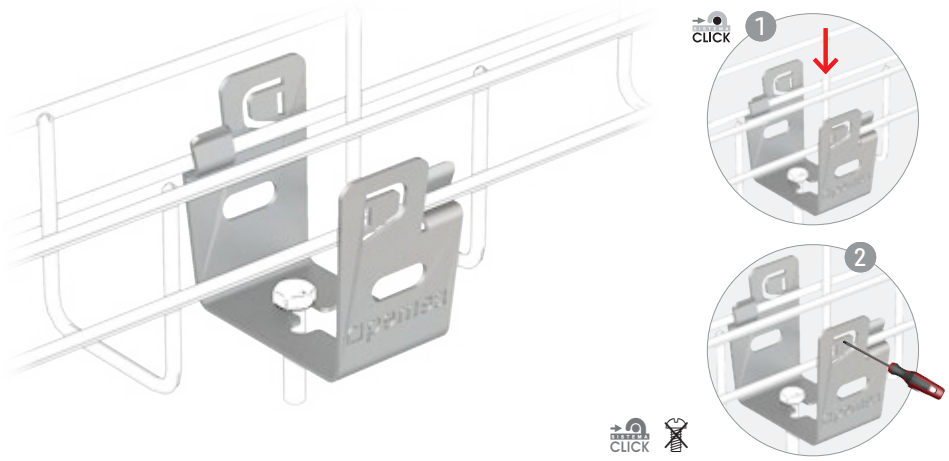
Click Central Suspension



• 35-60-100 • 100-150-200				
S	M	Ref	kg/u	u
EZ	M6	67010143	0,046	20
	M8/M10	67010043	0,045	20
GC	M6	67030143	0,048	20
	M8/M10	67030043	0,048	20
BK8	M6	67080143	0,046	20
	M8/M10	67080043	0,045	20
316L	M6	67060143	0,045	20
	M8/M10	67060043	0,045	20

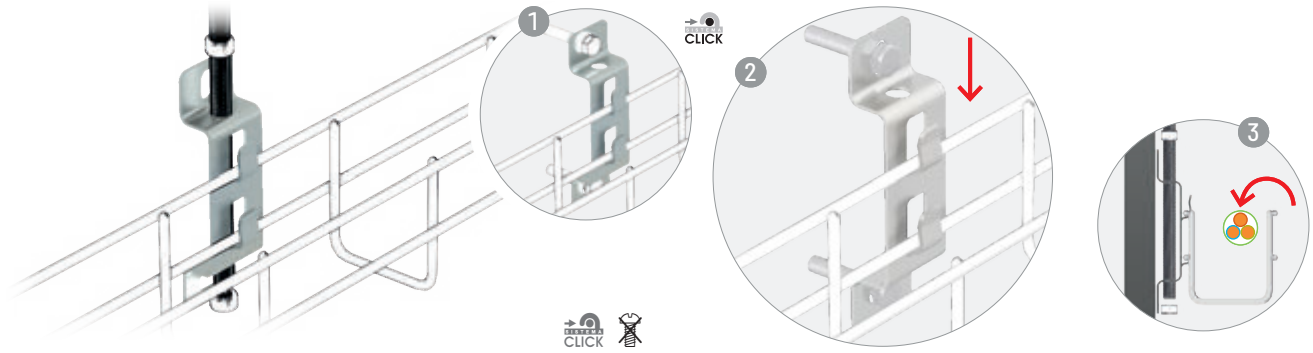
ETIM: EC001003

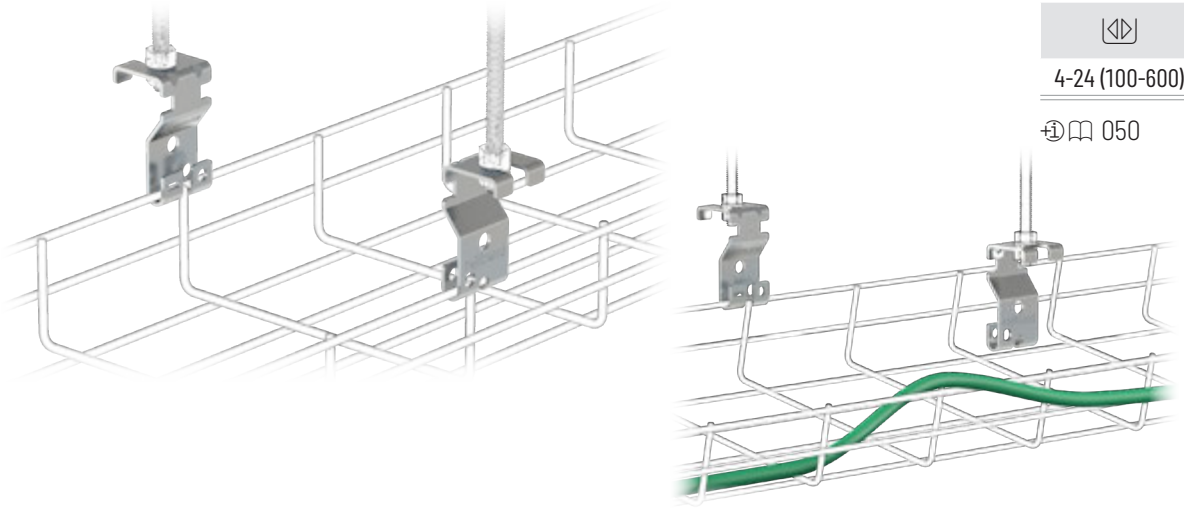




Soporte adecuado para:
Adequate support for:

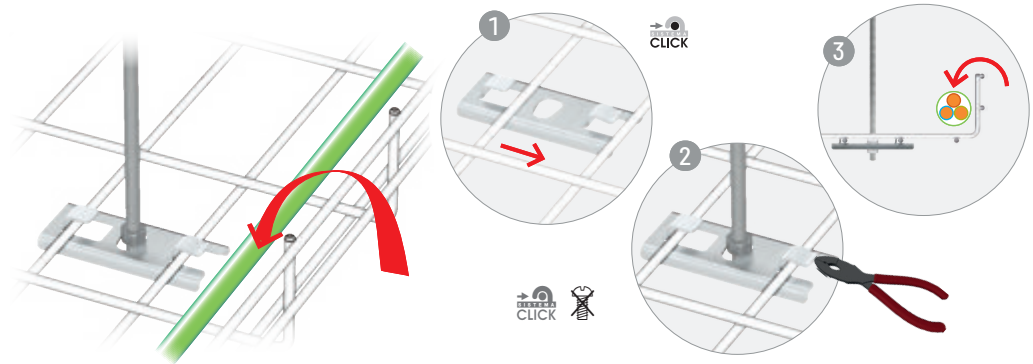
rejiband® 35x60 y 60x60
35x60 & 60x60





4-24 (100-600)	2

050



x 1 050
x 2 253
x 1 226

pemsa

Suspensión Central

Central Hanging Plate



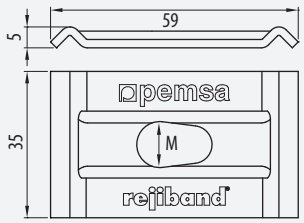


CE UKCA RoHS CLICK

• 35-60-100 • 100-150-200

S	M	Ref	kg/u	
EZ	M6	67010144	0,033	20
	M8/M10	67010046	0,033	20
GC	M6	67030144	0,032	20
	M8/M10	67030046	0,032	20
BK8	M8/M10	67080046	0,030	20
316L	M8/M10	67060046	0,031	20

ETIM: EC001003



Clip Fijación Rail

Strut Clip

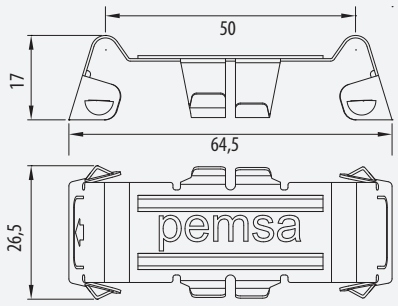


CE UKCA RoHS CLICK

• 35-60-100-150 • 100-600

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

ETIM: EC000483



Clip Fijación Rail

Strut Clip

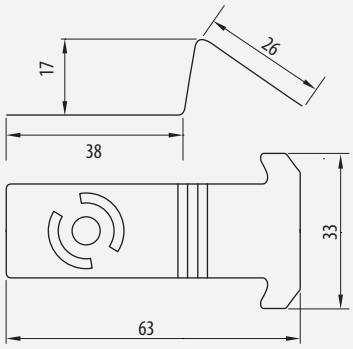


CE UKCA RoHS CLICK

• 35-60-100-150 • 100-600

S	Ref	kg/u	
GC	67030049	0,016	50

ETIM: EC000483



Solar Totem

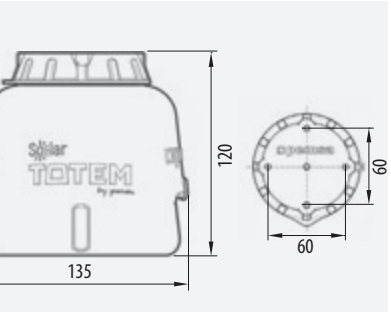
Solar Totem



CE UKCA RoHS CLICK

• 35-60-100-150 • 100-600

F	Ref	kg/u	
PP	82003450	0,161	4



Distanciador

Stand off Bracket

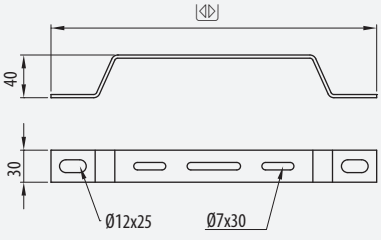


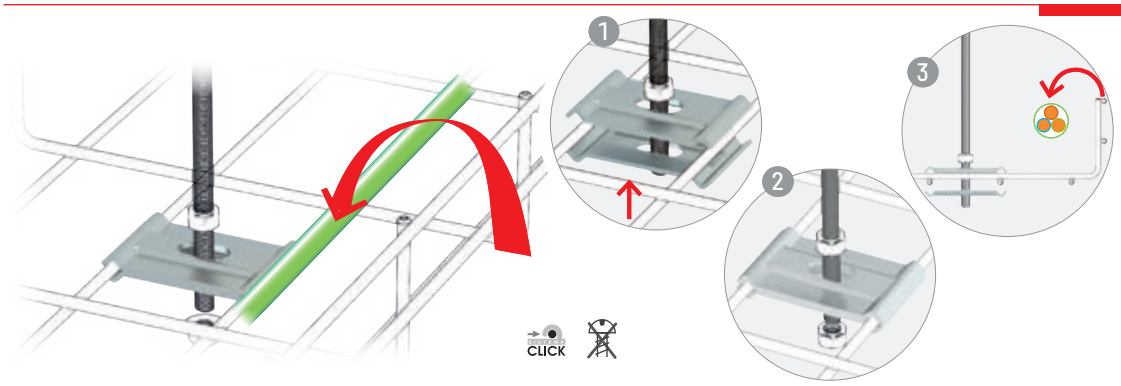
CE UKCA RoHS CLICK

• 35-60-100-150 • 60-600

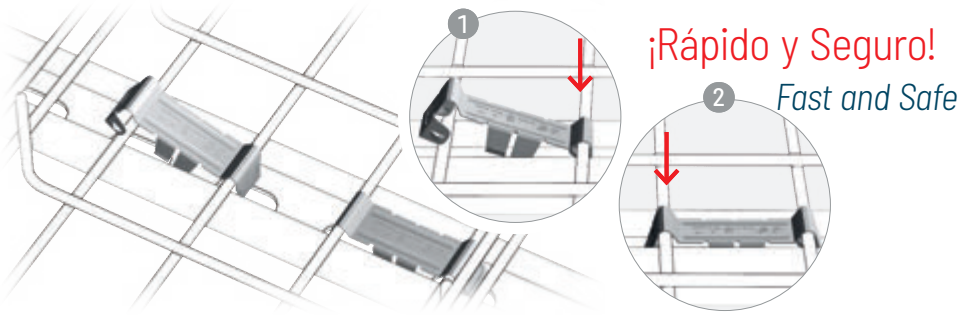
S	A	Ref	kg/u	
PG	180	67030539	0,172	10
	350	67030540	0,321	10
GC	180	67030541	0,242	10
	350	67030542	0,351	10
316L	180	67060541	0,132	10
	350	67060542	0,214	10

ETIM: EC000022





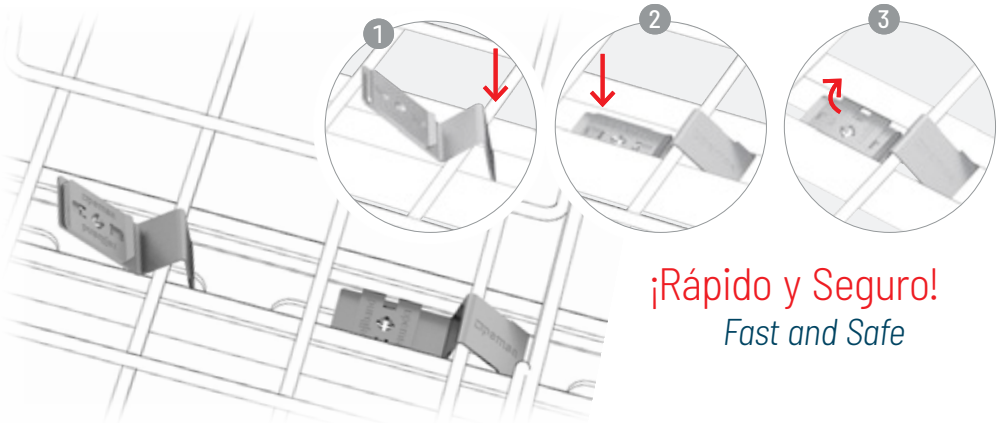
x 2 052
x 2 253
x 1 226



¡Rápido y Seguro!
Fast and Safe

Montaje Rail 41x41 y 41x21
Assembly on strut 41x41 and 41x21

Compatible con cualquier modelo
Compatible with any brand



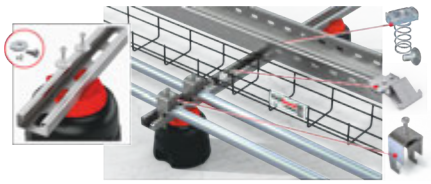
¡Rápido y Seguro!
Fast and Safe

100-300	1	052
400-600	2	

Montaje Rail 41x41 y 41x21
Assembly on strut 41x41 and 41x21

Compatible con cualquier medida excepto 60x60
Compatible with any size except 35x60 & 60x60









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

Applications:
- *Technical floors*
- *Telecoms*
- *Technical rooms*

Distanciador Click

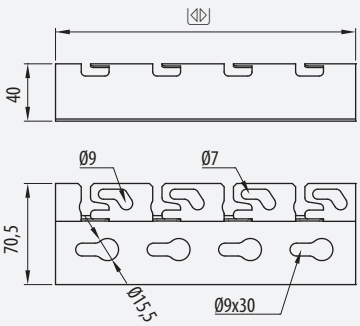
Stand off Bracket Click





S		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

ETIM: EC000022



Distanciador Click 100

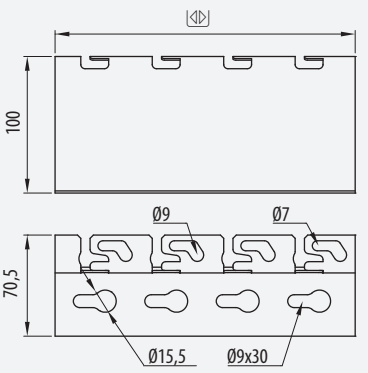
Stand off Bracket Click 100





S		Ref	kg/u	u
316L	100	67060560	0,191	10
	200	67060562	0,369	10
	300	67060564	0,546	10

ETIM: EC000022



Pie

Floor Foot

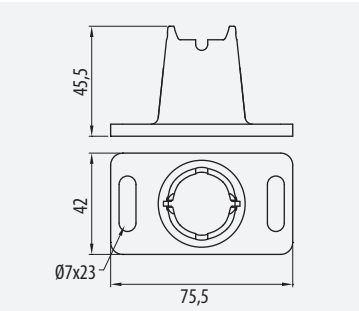




	Ref	kg/u	u
	68000060	0,022	100
	68000160	0,022	100

ETIM: EC000022

68000160: V0, UL94



Pie Metal

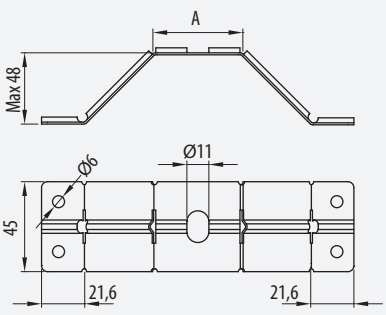
Metal Foot





S	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

ETIM: EC000022



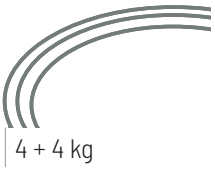
Adhesivo Pie

Adhesive & Hardener



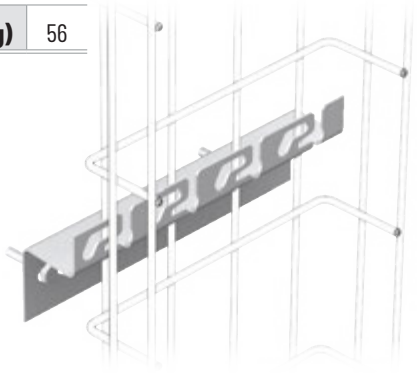
Ref	kg/u	u
68000066	0,022	100

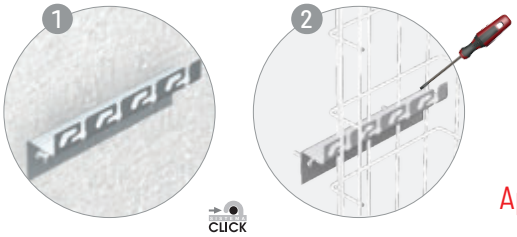
ETIM: EC000022



4 + 4 kg

↓CTA↓ (kg)	56



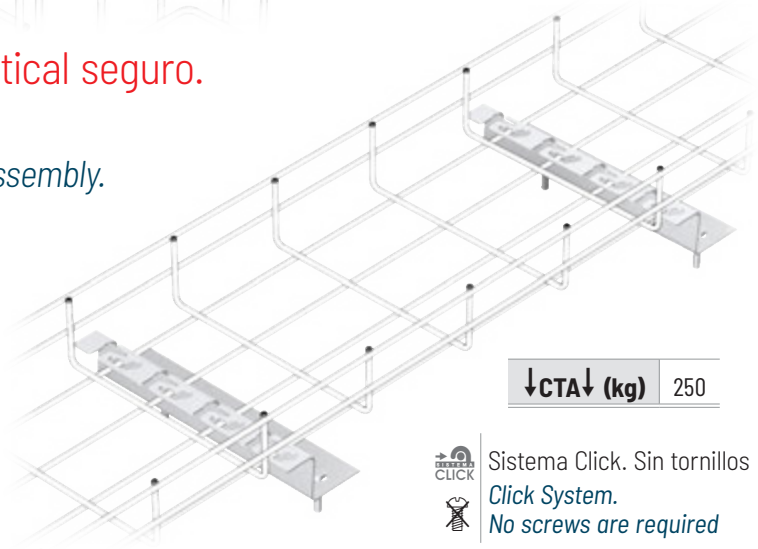


Aplicaciones:
- Suelos técnicos
- Instalaciones Comunicaciones
- Salas de Instalaciones

Applications:
- *Technical floors*
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- *Technical rooms*

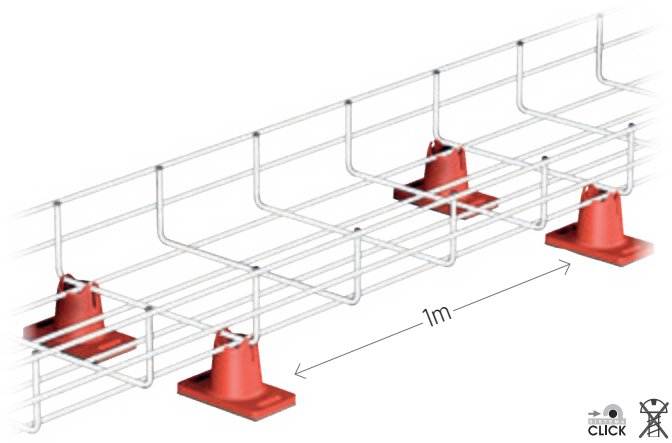
Premontaje vertical seguro.
No se cae

Safe vertical pre-assembly.
Doesn't fall off



↓CTA↓ (kg)	250

Sistema Click. Sin tornillos
Click System.
No screws are required





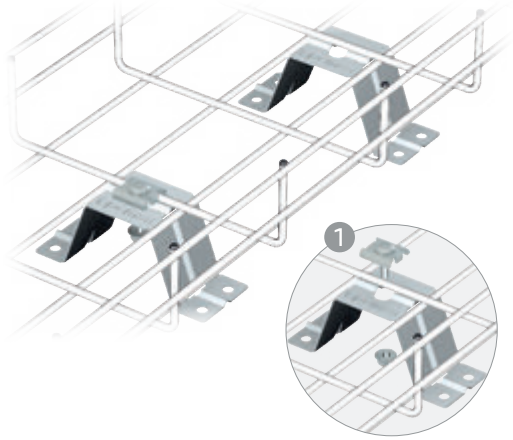
ref. 68000066

Adhesivo Pie
Adhesive & hardener

Fácil, económico
Easy, Economical

Rápida Instalación
Quick Assembly

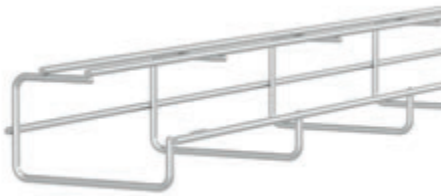
Apilable
Stackable



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

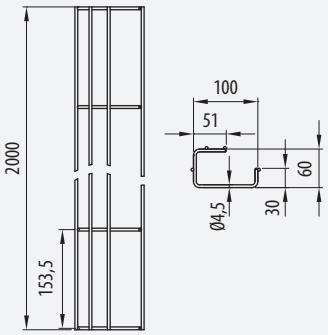
Applications:
- *Technical floors*
- *Telecoms*
- *Technical rooms*

rejitech® Falsos Techos
rejitech® *False Ceiling Tray*



S	A	⧐⧏	Ref	kg/m	m
EZ	60	100	60215020	0,671	16

ETIM: EC000853

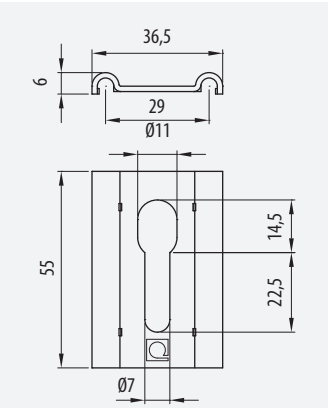


Fijación rejitech®
rejitech® *Ceiling Fastener*



S	Ref	kg/m	u
EZ	67010052	0,029	25

ETIM: EC000482

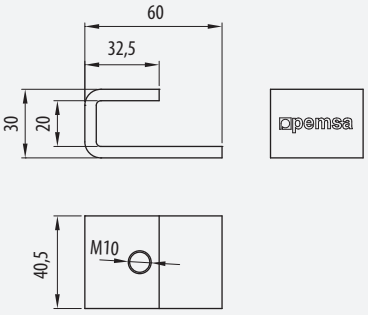


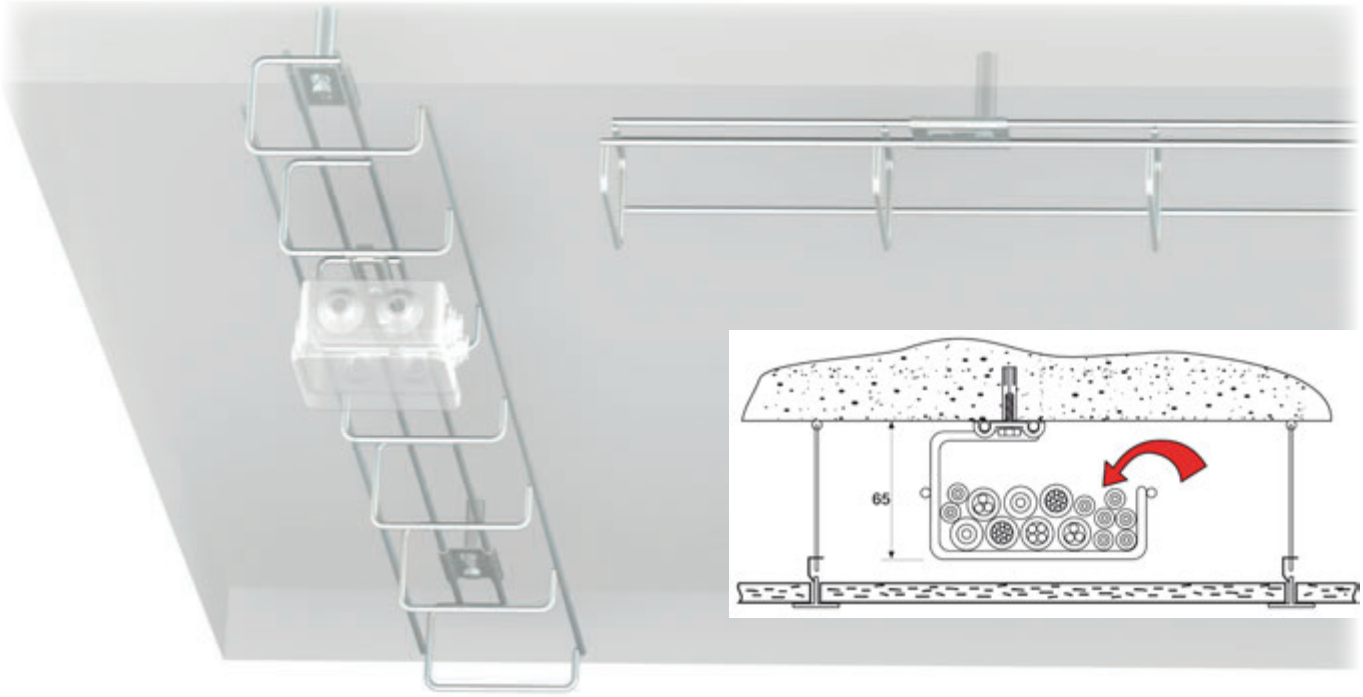
Fijación Angular
Angle Tray Fastener



S	Ref	kg/m	u
EZ	67010051	0,177	10

ETIM: EC000482

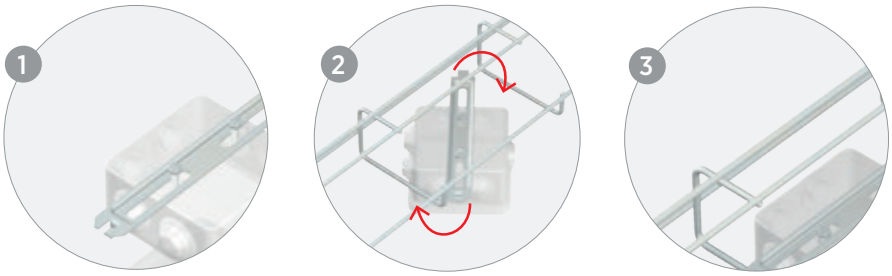




¡Fácil Instalación!

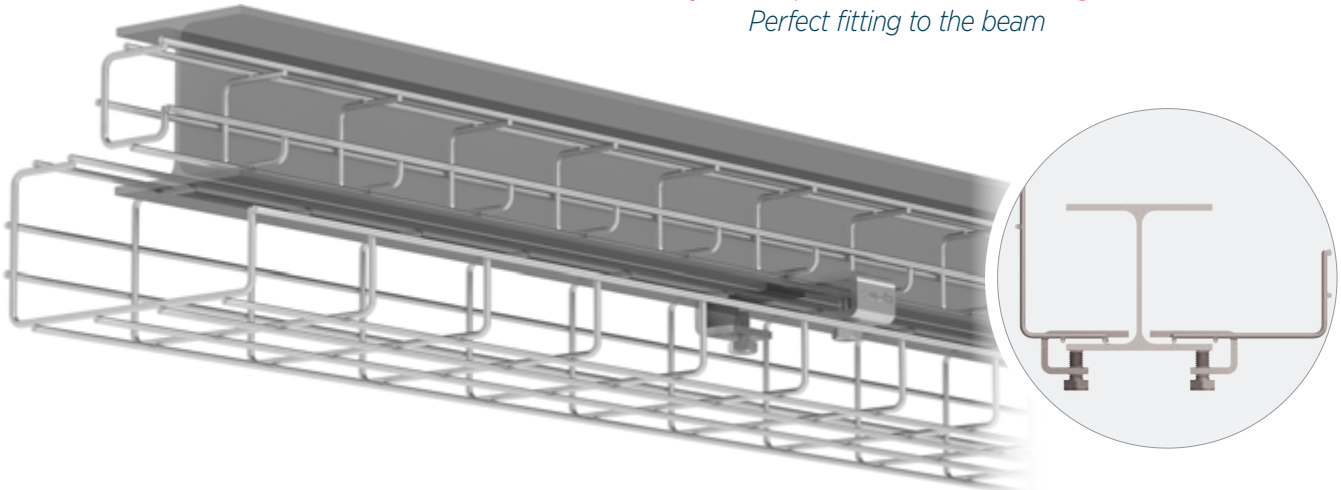
Easy installation





¡Ajuste perfecto a la viga!

Perfect fitting to the beam



pemsa

rejitech® G+

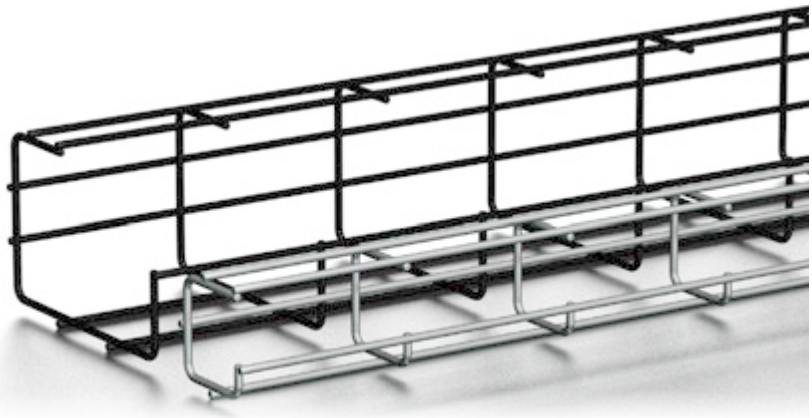
60 100 150 200

Falsos Techos y Espacios Reducidos

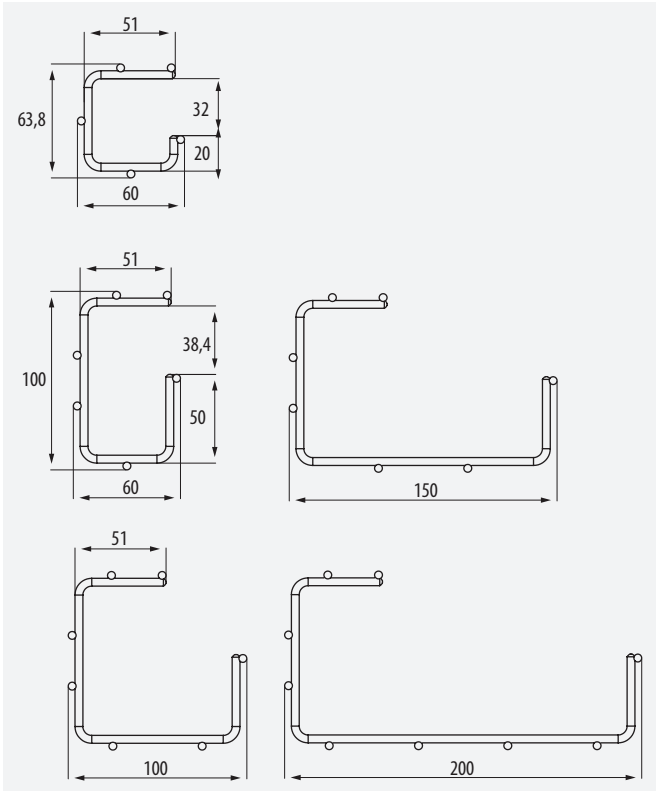
False Ceiling and Reduced Spaces

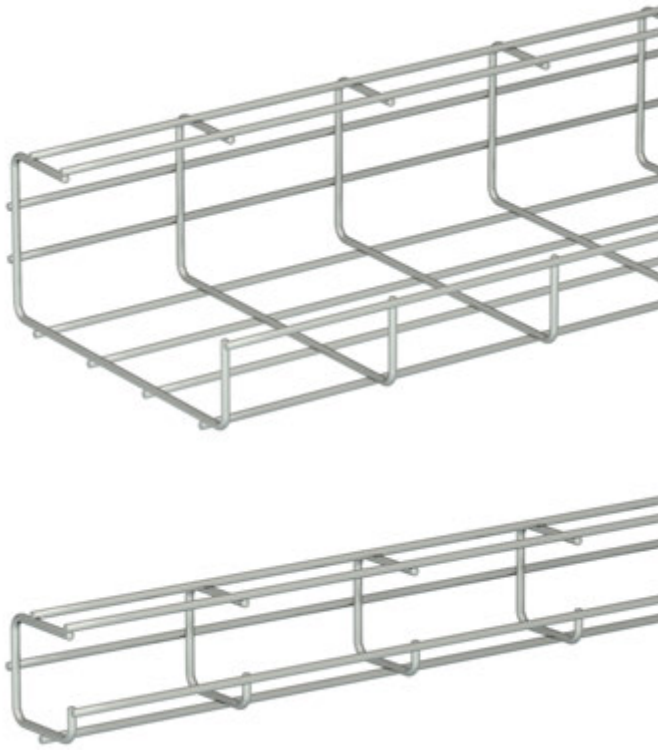
60-100 • 60-200 • 3000

ETIM: EC000853



		EZ	BK8	kg/m		BK8
60	60	60613206	60683206	0,714	24	16
100	60	60613306	60683306	0,896	24	16
	100	60613310	60683310	1,049	12	8
	150	60613315	60683315	1,104	6	4
	200	60613320	60683320	1,376	6	4





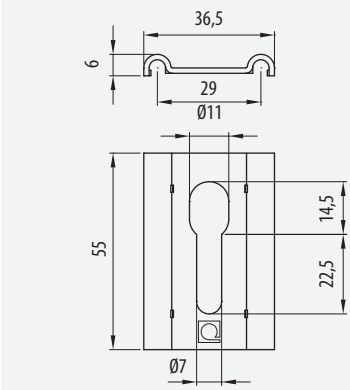
Fijación rejitech®

Ceiling Fastener rejitech®



	Ref	kg/u	
EZ	67010052	0,029	25
GC	67030252	0,029	25
BK8	67080252	0,029	25

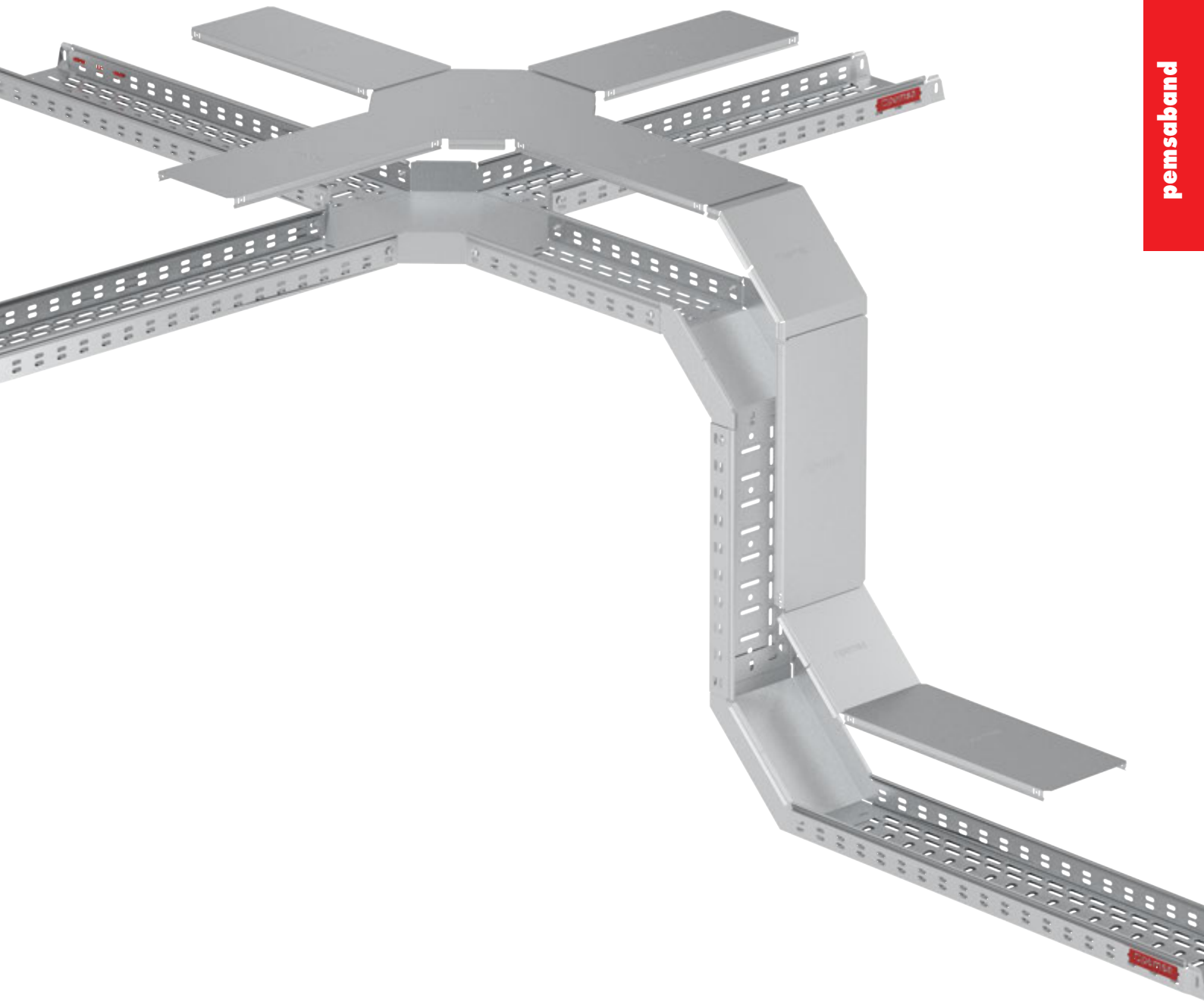
ETIM: EC000482



pemsaband®

Bandejas de chapa perforada y ciega

Perforated and solid cable trays

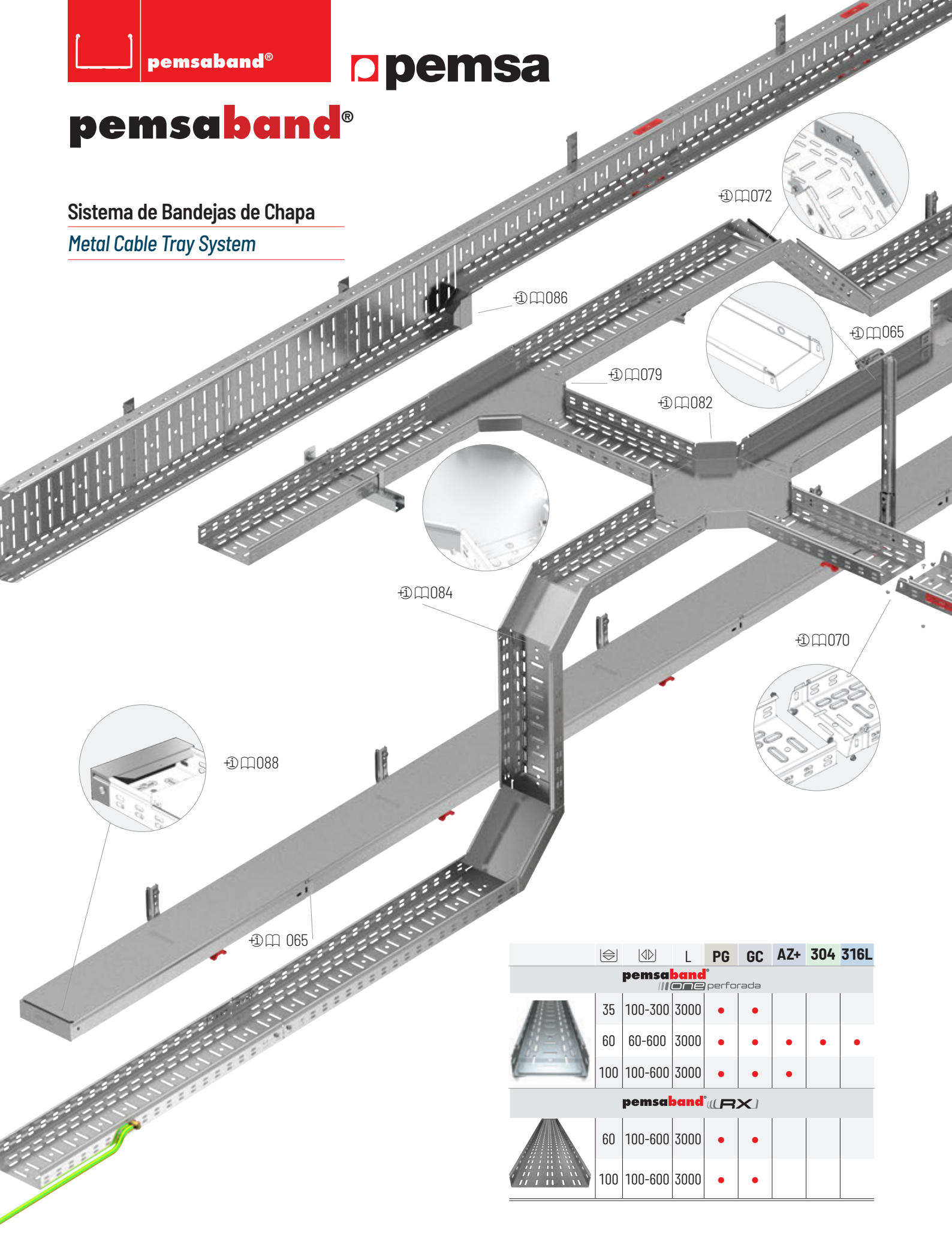


pemsa

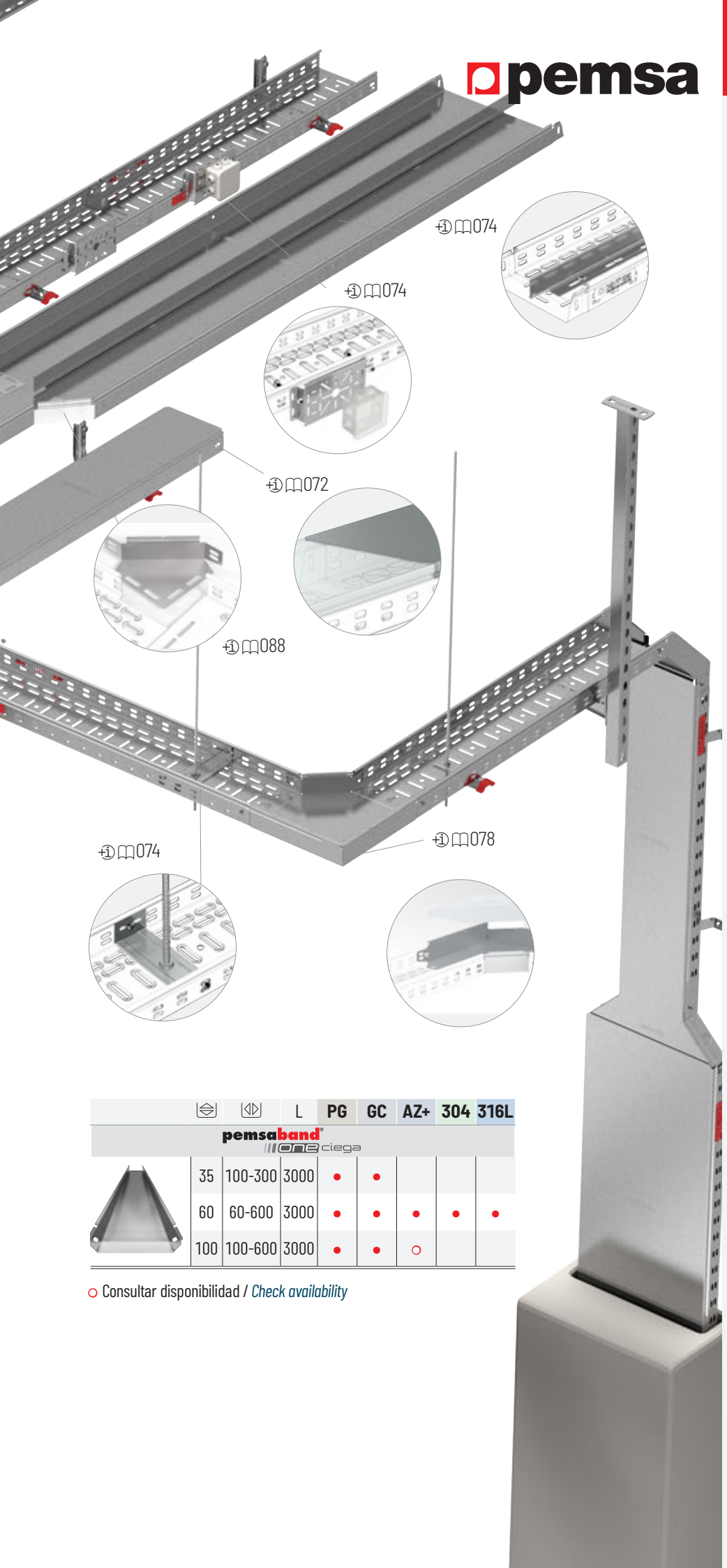
pemsaband®

Sistema de Bandejas de Chapa

Metal Cable Tray System



			L	PG	GC	AZ+	304	316L
pemsaband one perforada								
	35	100-300	3000	•	•			
	60	60-600	3000	•	•	•	•	•
	100	100-600	3000	•	•	•		
pemsaband RX								
	60	100-600	3000	•	•			
	100	100-600	3000	•	•			

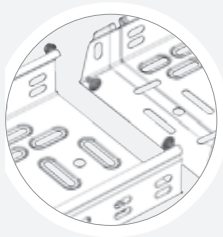


		L	PG	GC	AZ+	304	316L
pemsaband one ciega							
	35	100-300	3000	•	•			
	60	60-600	3000	•	•	•	•	•
	100	100-600	3000	•	•	○		

○ Consultar disponibilidad / *Check availability*

Normas Internacionales: *International Standards:*

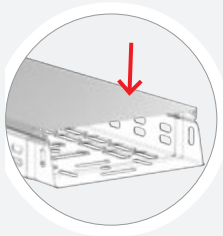
- Norma internacional de Bandejas — *International standard of Cable trays*
- Certificado UL — *UL Certified*
- Resistencia al fuego — *DIN 4102-12 Fire Resistance*
- Marcado N AENOR IEC 61537 — *AENOR N Mark IEC 61537*
- CB Scheme IEC 61537
- RoHS 2019/863
- Certificación Retie — *Retie approval*
- IQNET ISO 9001
- ISO 14001
- Producto patentado — *Patented product*



Sistema Click — *Click System*



Sistema Universal en Accesorios — *Universal System of Accessories*



Tapa Sistema Click — *Click System on Cover*

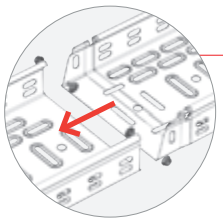


pemsaband® ONE

Bandejas de chapa perforada y ciega para cables

Perforated and solid cable trays

Ventajas y Características / *Advantages and features*

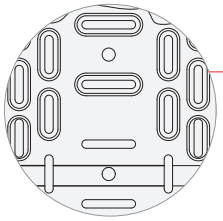


Sistema Click de unión rápida
Quick Click Joint System

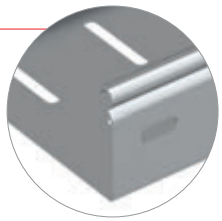
PG | GC | AZ+ | PT | 304 | 316L

Amplia gama de sistemas de protección
Wide range of protection systems

Base perforada y embutida
incrementan la capacidad de carga
Perforated and embossed base increases the load capacity



Borde de seguridad.
Protege y fortalece la bandeja
Safety edge. Protects and strengthens the cable tray





Accesorios con
Sistema Click Universal.
Válido para todas las bandejas
Universal Click System on Accessories. Compatible with all cable trays



Soluciones de Producto / *Product Solutions*



Terciario Construcción
Building Tertiary



Energías Renovables
Renewable Energies



Túneles Infraestructuras
Tunnels Infrastructures



Básica de Transformación
Processing Industry



Centrales de Energía
Energy Power Stations

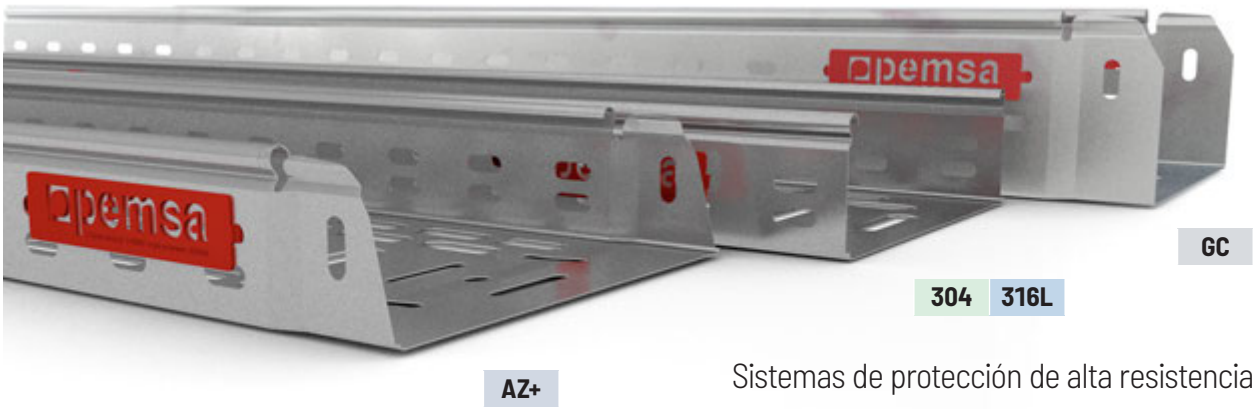


Tratamiento de Agua
Water Treatment

Sistema Click de unión rápida disponible en ala 100

Quick Click Joint System available in 100 mm height





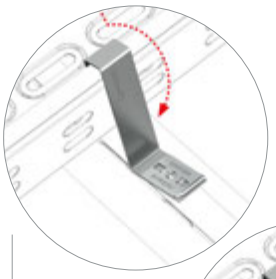
GC

304 316L

AZ+

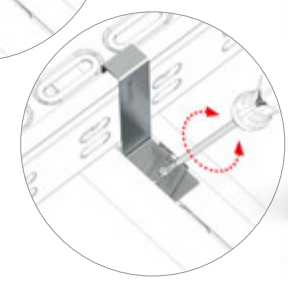
Sistemas de protección de alta resistencia

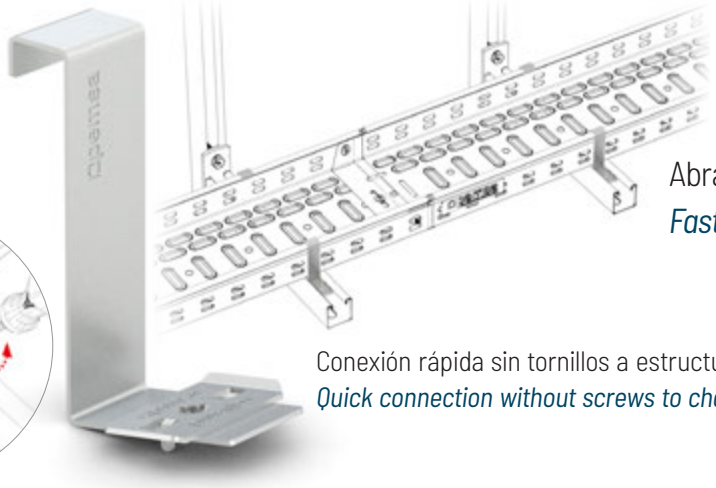
High resistance protection systems



Sólo 2 pasos

Only 2 steps





Abrazadera Rail Rápida

Fast Hold Down Bracket

Conexión rápida sin tornillos a estructuras de railes

Quick connection without screws to channel and strut

076

PT Pintura Polyester

Polyester coating

Servicio de pintura bajo petición, otros colores RAL consultar.

Paint service on request, other RAL colours on demand.

RAL 9005	RAL 9010	RAL 7035	RAL 3024	RAL 1021	RAL 5012	RAL 2003



pemsaband®

pemsa

pemsaband® one perforada

Bandeja de Chapa Perforada Click

Perforated Click System Cable Tray

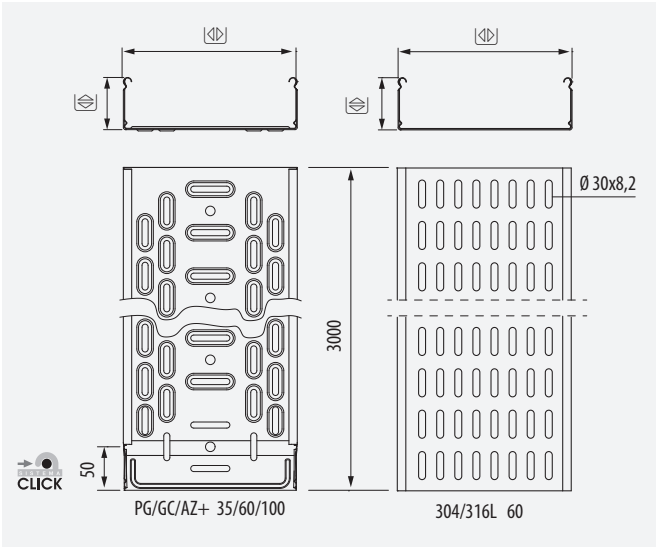
35, 60, 100 • 100-600 • 3000

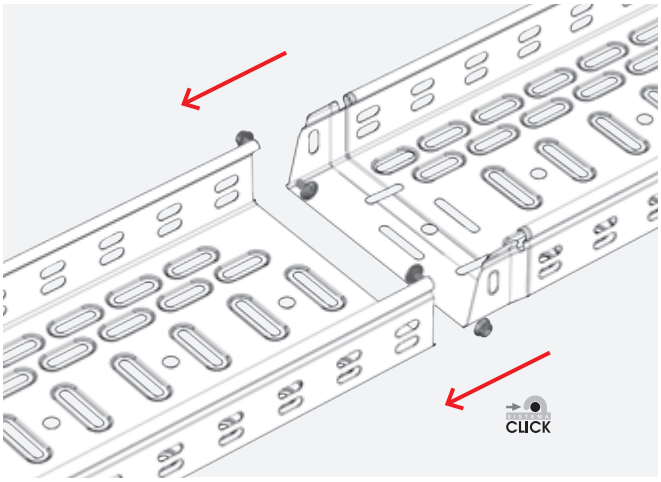


ETIM: EC000047

		PG	GC	AZ+	304*	316L*	kg/m PG	kg/m GC	kg/m AZ+	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	-	-	-	-	-	-	-	-	12
60	60	75822060	75832060	82003744			0,730	0,910	0,867		24
	100	75822100	75832100	82003745	76452100	76462100	0,885	1,109	1,050	0,906	24
	150	75822150	75832150	82003746	76452150	76462150	1,267	1,535	1,260	1,076	12
	200	75822200	75832200	82003747	76452200	76462200	1,473	1,789	1,470	1,235	12
	300	75822300	75832300	82003748	76452300	76462300	2,199	2,599	2,500	1,911	6
	400	75822400	75832400	82003749	76452400	76462400	2,691	3,197	3,070	2,335	6
	500	75822500	75832500	82003750	76452500	76462500	3,666	4,263	3,670	3,244	6
	600	75822600	75832600	82003751	76452600	76462600	4,223	4,914	4,230	3,734	6
100	100	75224100	75234100	82004260	-	-	1,416	1,739	1,410	-	12
	200	75224200	75234200	82004261	-	-	2,122	2,517	2,420	-	6
	300	75224300	75234300	82004262	-	-	2,612	3,098	2,980	-	6
	400	75224400	75234400	82004263	-	-	3,576	4,104	4,400	-	6
	500	75224500	75234500	82004264	-	-	4,118	4,790	5,140	-	6
	600	75224600	75234600	82004265	-	-	4,669	5,431	5,830	-	6
35-60-100		67010093	67030093	67030093	93950002	93960002	+ 070			+ 070	

* Sistema Click de unión rápida no disponible / *Quick Click Joint System not available*







pemsaband® one ciega

Bandeja de Chapa Ciega Click

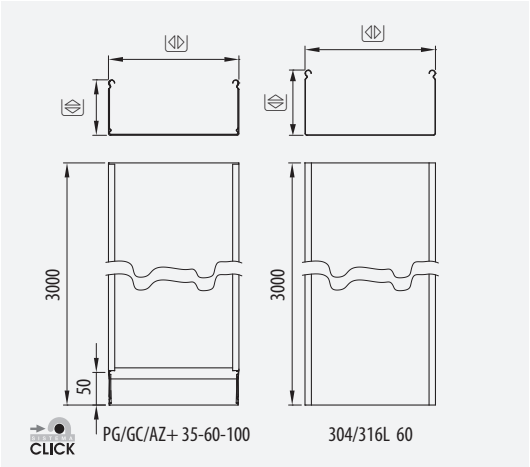
Metal Solid Click Cable Tray

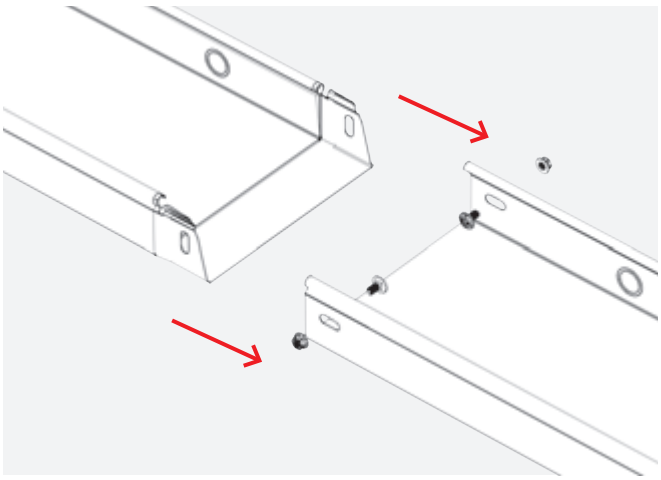
35, 60, 100 • 60-600 • 3000

ETIM: EC000047

		PG	GC	AZ+	304*	316L*	kg/m PG	kg/m GC	kg/m AZ+	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	82003752			0,789	0,993	0,937		24
	100	75122100	75132100	82003753	76552100	76562100	0,901	1,135	1,120	0,949	24
	150	75122150	75132150	82003754	76552150	76562150	1,287	1,565	1,390	1,147	12
	200	75122200	75132200	82003755	76552200	76562200	1,500	1,826	1,620	1,345	12
	300	75122300	75132300	82003756	76552300	76562300	2,233	2,649	2,770	2,093	6
	400	75122400	75132400	82003757	76552400	76562400	2,741	3,252	3,400	2,572	6
	500	75122500	75132500	82003758	76552500	76562500	3,727	4,334	4,030	3,550	6
	600	75122600	75132600	82003759	76552600	76562600	4,635	5,391	4,670	4,116	6
100	100	75424100	75434100	82004266	-	-	1,504	1,828	1,490	-	12
	200	75424200	75434200	82004267	-	-	2,294	2,716	2,610	-	6
	300	75424300	75434300	82004268	-	-	2,843	3,366	3,240	-	6
	400	75424400	75434400	82004269	-	-	3,877	4,502	4,830	-	6
	500	75424500	75434500	82004270	-	-	4,505	5,231	5,620	-	6
	600	75424600	75434600	82004271	-	-	5,133	5,960	6,400	-	6
35-60-100		67010093	67030093	67030093	93950002	93960002	+ 070			+ 070	

* Sistema Click de unión rápida no disponible / *Quick Click Joint System not available*





pemsa

pemsaband® RX

Bandeja de Chapa Reforzada

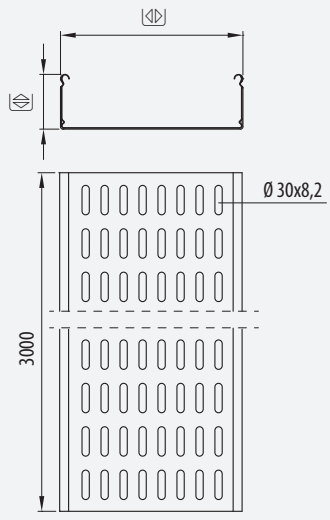
Reinforced Perforated Cable Tray

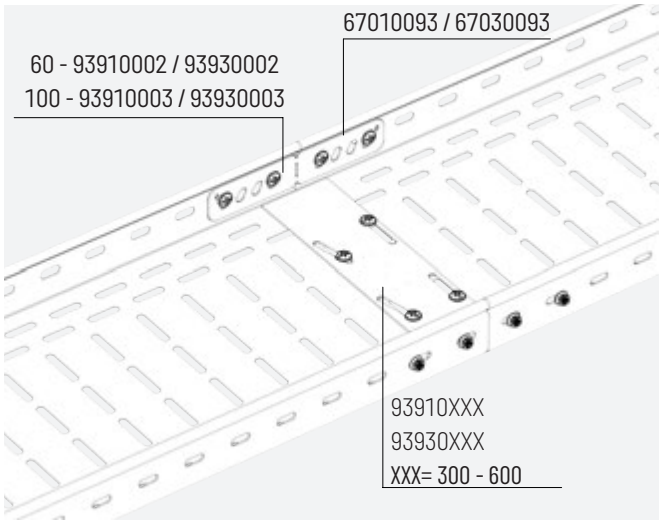
60, 100 • 100-600 • 3000

ETIM: EC000047



		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	3
	500	76122500	76132500	6,787	7,395	3
	600	76122600	76132600	7,889	8,589	3
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	3
	500	76124500	76134500	7,644	8,328	3
	600	76124600	76134600	8,831	9,607	3
60	100-600	93910002 + 67010093	93930002 + 67030093	-	+ 070	
100	100-600	93910003 + 67010093	93930003 + 67030093	-		
60-100	300-600	93910XXX + 67010093	93930XXX + 67030093	-	+ 070	





Datos técnicos

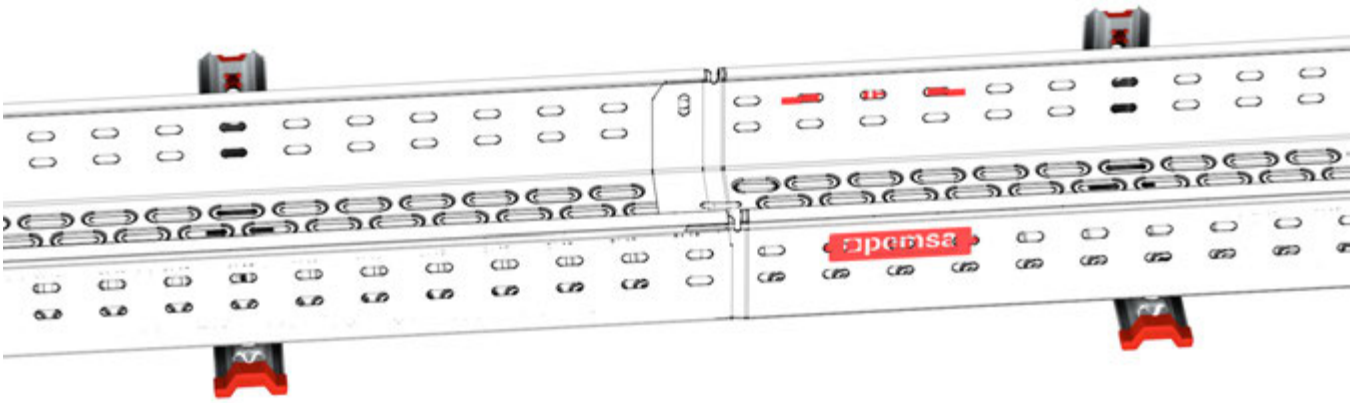
Technical data

Ensayos de carga CTA instalaciones horizontales

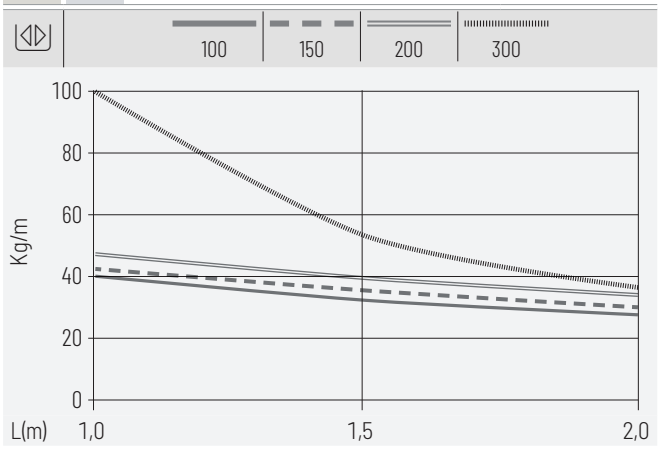
Valores obtenidos según la norma IEC 61537, edición 3, según ensayos vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

Load Tests for SWL mounted in the horizontal plane

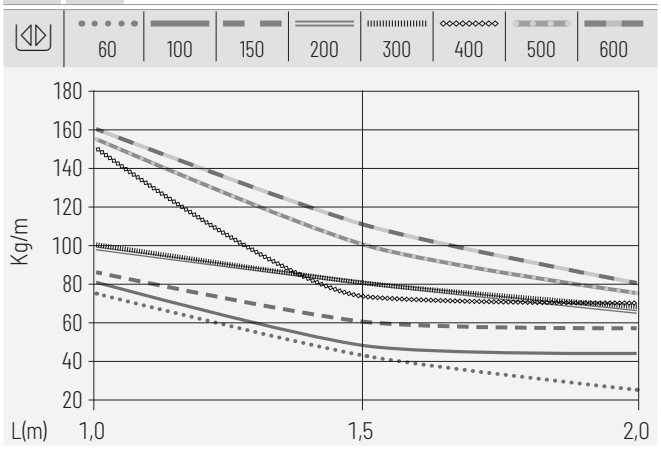
Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical tests of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.



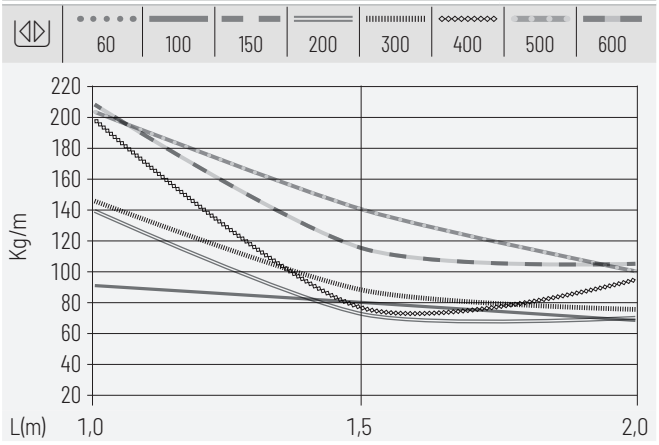
PG **GC** 35



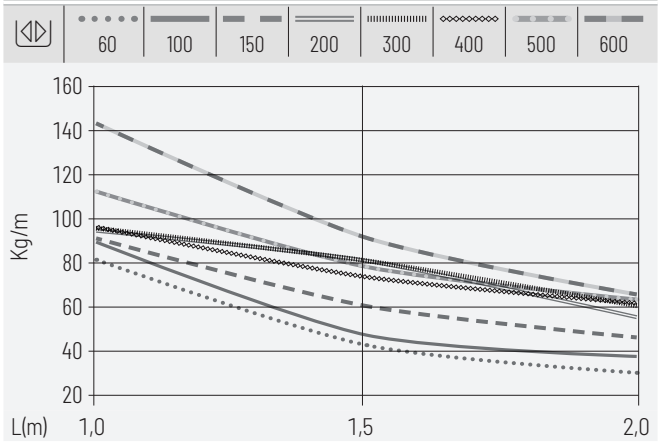
PG **GC** 60



PG **GC** 100



AZ+ 60

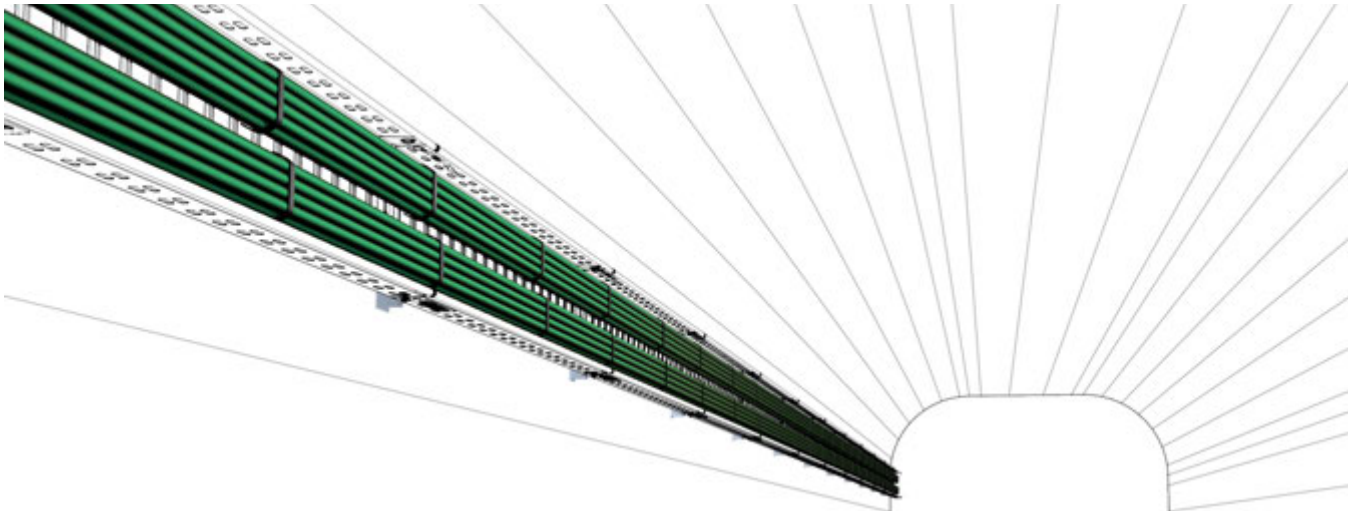


Ensayos de carga CTA instalaciones verticales en recorrido horizontal

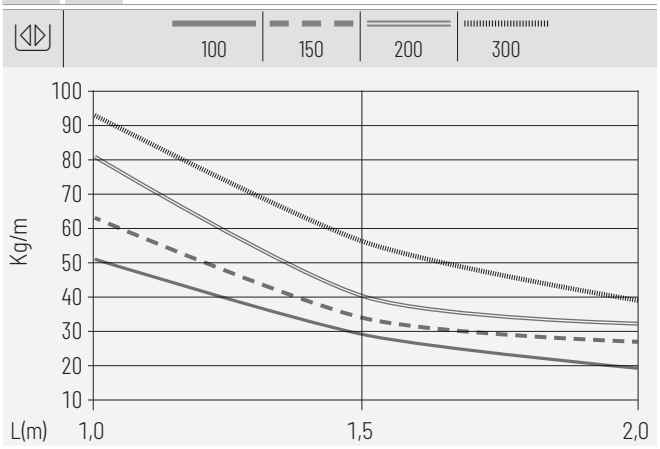
Valores obtenidos según la norma IEC 61537, edición 3, según ensayos vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

Load Tests for SWL mounted in the vertical plane running horizontally

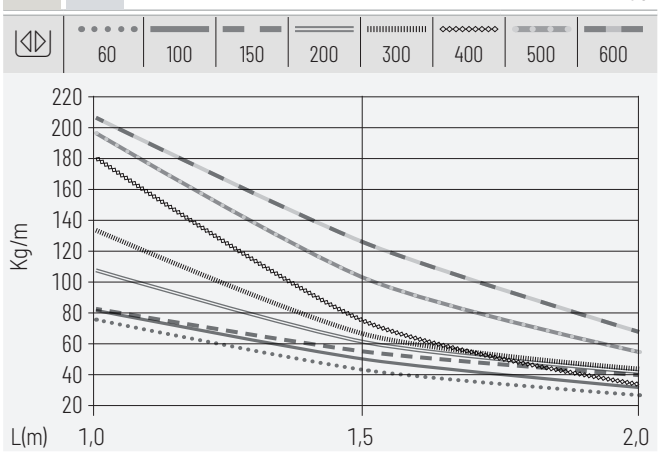
Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical tests of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.



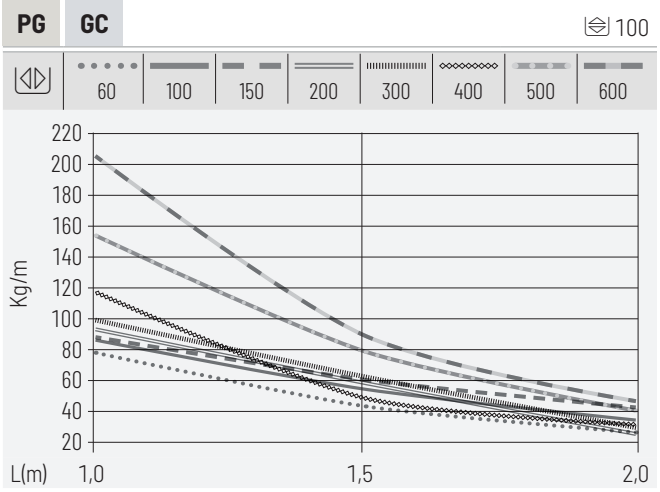
PG **GC** 35



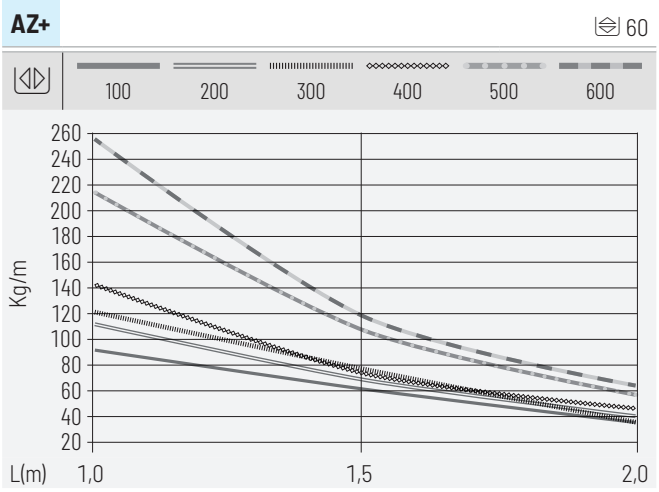
PG **GC** 60



PG **GC** 100



AZ+ 60



Datos técnicos

Technical data

Ensayos de carga CTA instalaciones verticales

Valores obtenidos según la norma IEC 61537, edición 3, según ensayos vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

Load Tests for SWL mounted in the vertical plane

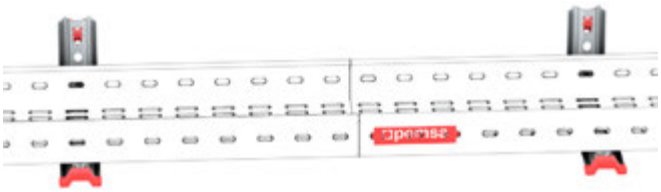
Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical tests of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.

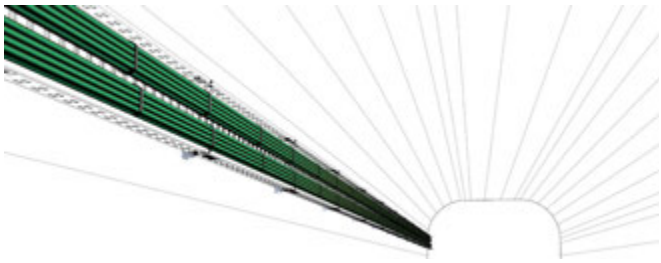
Ensayos de carga CTA instalaciones verticales en recorrido horizontal

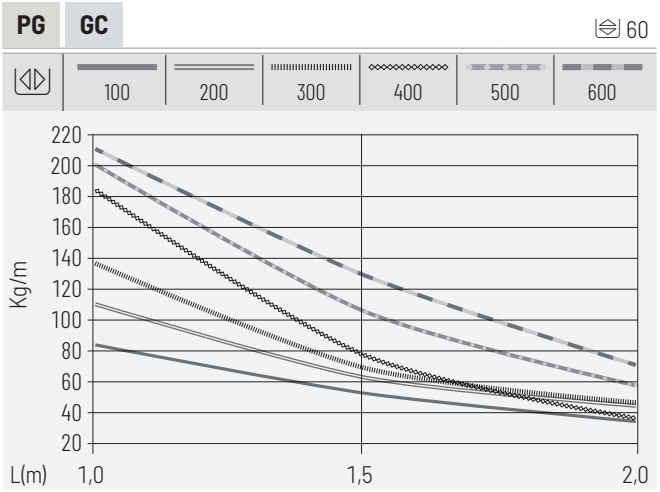
Valores obtenidos según la norma IEC 61537, edición 3, según ensayos vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

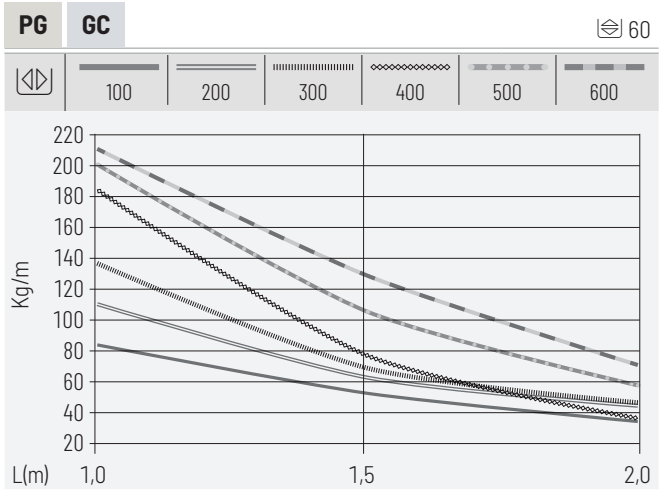
Load Tests for SWL mounted in the vertical plane running horizontally

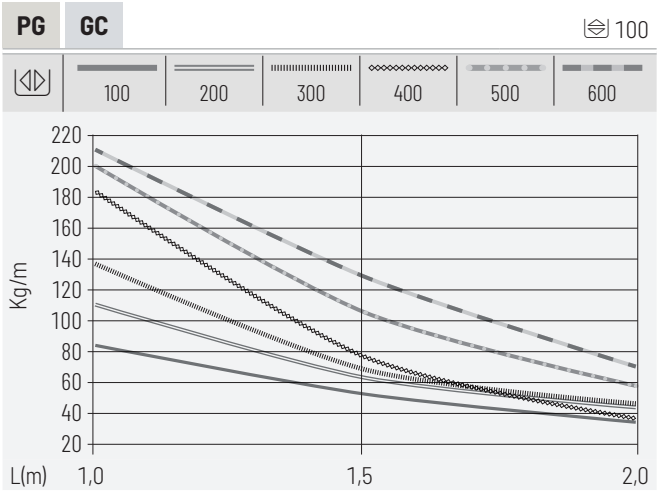
Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical tests of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.

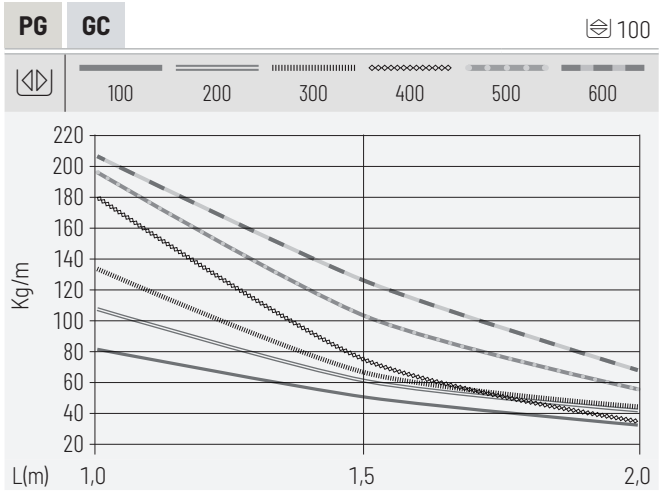












pemsa

Kit Unión pemsaband®

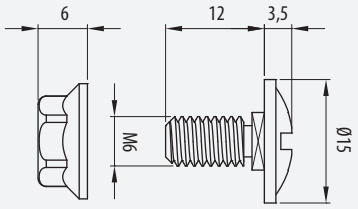
pemsaband® *Joint Kit*



• 35-60-100 • 60-600

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

ETIM: EC002935



Unión pemsaband®

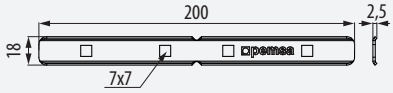
pemsaband® *Coupler*



• 35 • 60-600

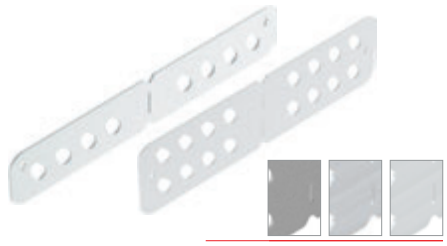
S	A	Ref	kg/u	u
PG	35	71021005	0,040	50
GC	35	71031005	0,043	50

ETIM: EC002413



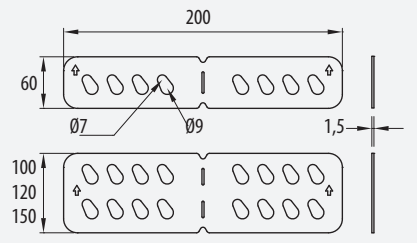
Unión pemsaband®/megaband®

pemsaband®/megaband® *Coupler*



• 60-150 • 100-1000

S	A	Ref	kg/u	u
EZ	60	93910002	0,076	50
	100	93910003	0,113	20
GC	60	93930002	0,078	50
	100	93930003	0,115	20
304	60	93950002	0,075	50
	100	93950003	0,112	20
316L	60	93960002	0,075	50
	100	93960003	0,112	20



ETIM: EC002413

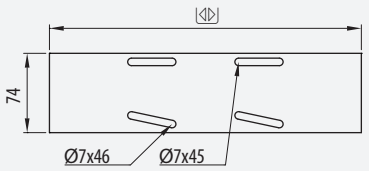
Unión Central pemsaband®

pemsaband® *Central Joiner*



• 35-60-100 • 300-600

S		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



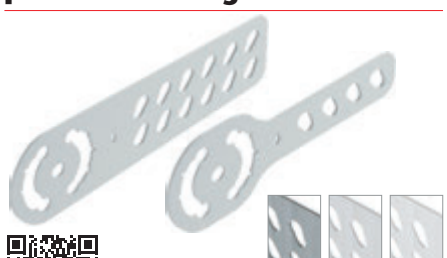
• 35-60-100 • 300-600

S		Ref	kg/u	u
316L	300	71060300	0,240	10
	400	71060400	0,323	10
	500	71060500	0,398	10
	600	71060600	0,480	10

ETIM: EC002413

Bisagra pemsaband®/megaband®

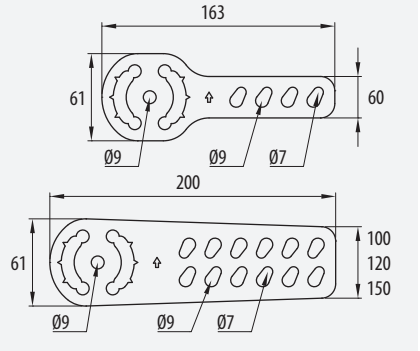
Riser/Dropper pemsaband®/megaband®

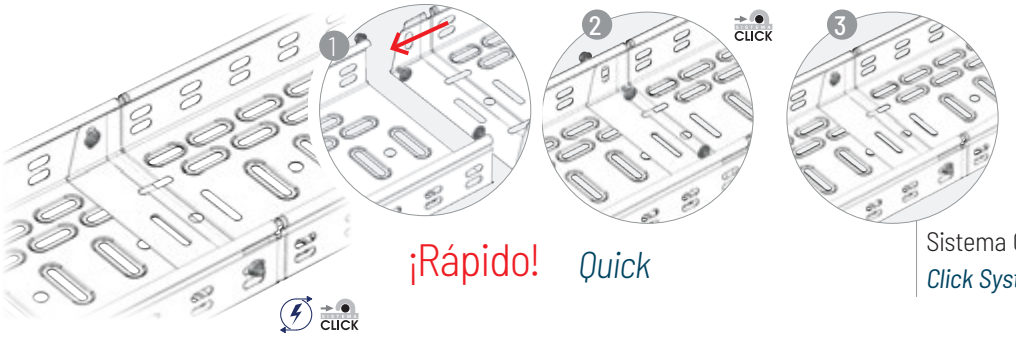


• 60-100 • 100-1000

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

ETIM: EC002413

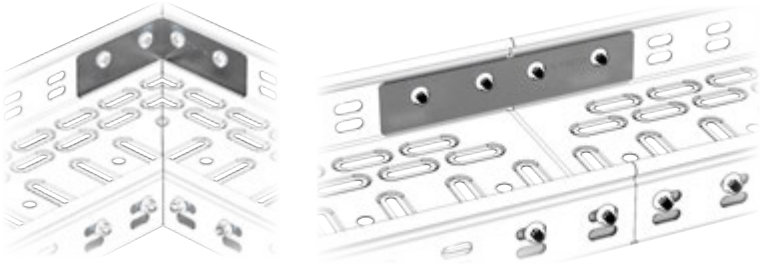




60-200	2
300-400	2+1
500-600	2+2

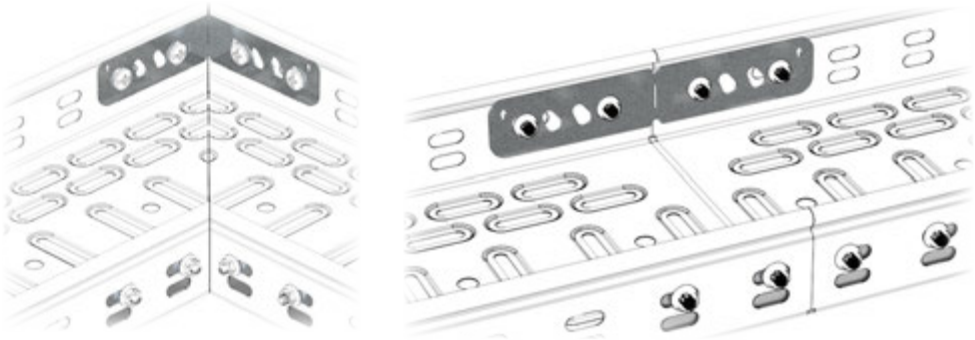
¡Rápido! *Quick*

Sistema Click de Unión. Montaje Rápido
Click System. Quick Assembly



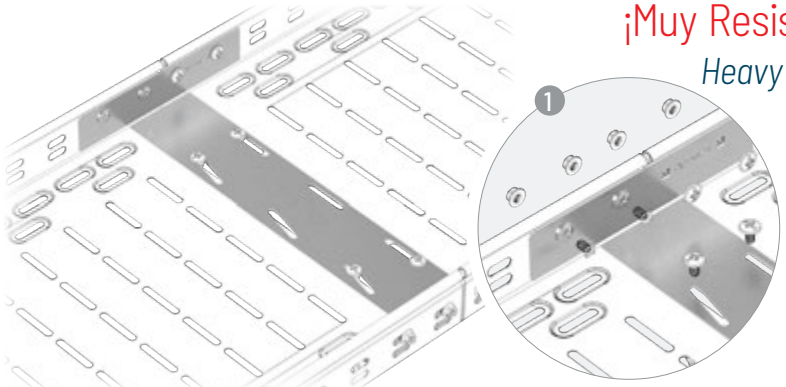
x 2
x 8
070

¡Aumenta resistencia!
Increased resistance



x 2	60	070 M8x20
x 4	100	
x 1		

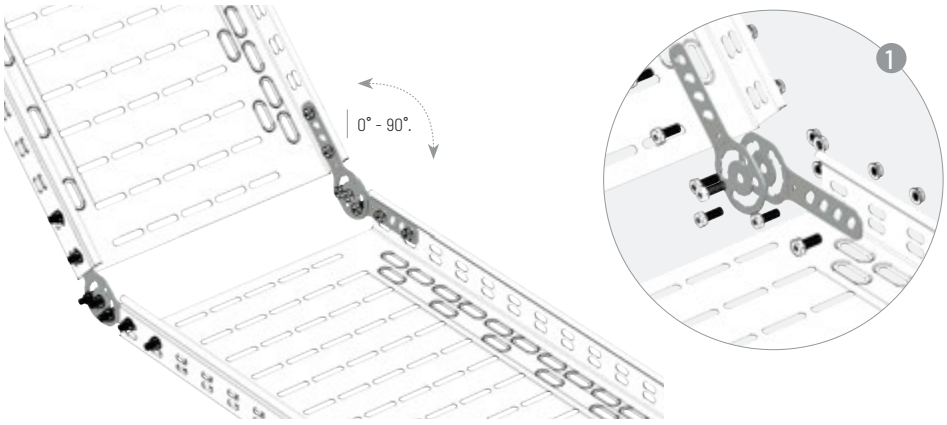
¡Sólo una unión!
Only one coupler



¡Muy Resistente!
Heavy Duty

x 2
x 1
x 12
070

Adecuada para:
Suitable for: 300-600



4+3+4	60	070 M8x20
8+3+8	100	

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

pemsa

Bisagra pemsaband®

pemsaband® *Riser/Dropper*



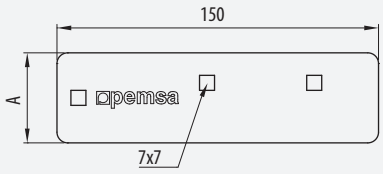


CE UK CA RoHS

⌊⌋ • 35-60-100 • 60-600

S	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

ETIM: EC002413



Tapa Recta

Straight Cover

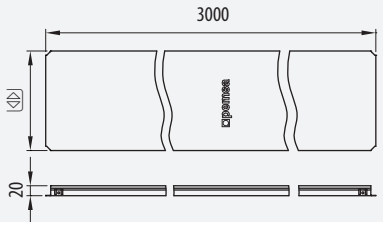




CE UK CA RoHS CLICK

⌊⌋ • 35-60-100 • 60-600

S	⟷	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
	450	73021450	3.084	6
	500	73021500	3,437	6
	600	73021600	4,078	6
GC	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
	500	73031500	4,700	6
	600	73031600	5,577	6
AZ+	60	82003760	0,460	24
	100	82003761	0,640	24
	150	82003762	0,880	12
	200	82003763	1,120	12
	300	82003764	1,840	6
	400	82003765	2,390	6
	500	82003766	3,370	6
	600	82003767	4,000	6



⌊⌋ • 35-60-100 • 60-600

S	⟷	Ref	kg/u	u
304	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
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

ETIM: EC002403

Junta Neopreno IP65

Neoprene Gasket IP65



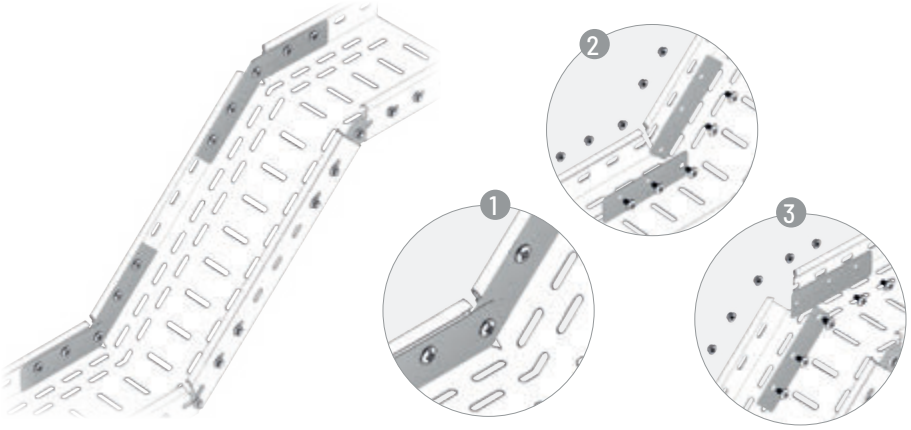
CE UK CA RoHS

⌊⌋ • 35-60-100 • 60-600

Ref	kg/u	u
71000001	0,020	20

ETIM: EC002935





x 2
x 10
072

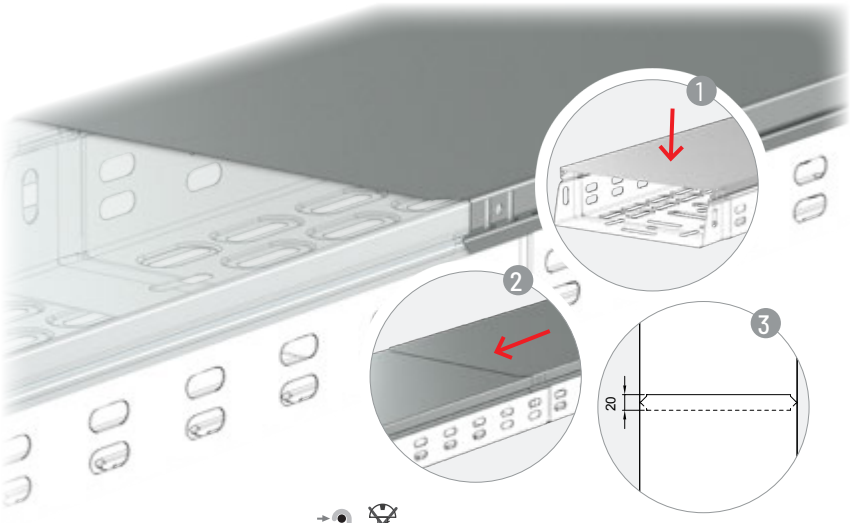
¡Ángulo ajustable!

Adjustable angle

15º-30º-45º-60º-90º

¡Solape de Tapas. Mejora Estanqueidad!

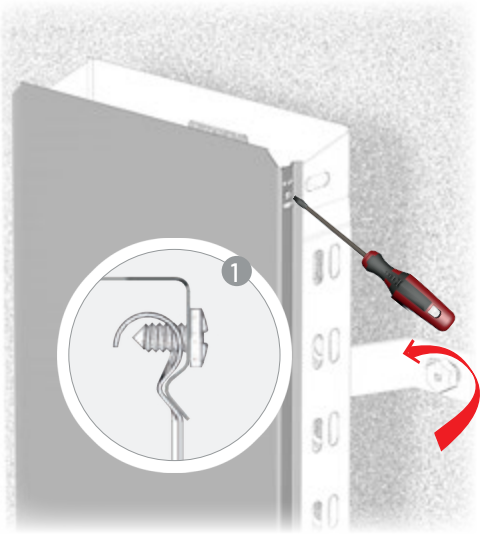
Covers overlap. Improved Sealing



CLICK

¡Sistema Click. Sin fijaciones!

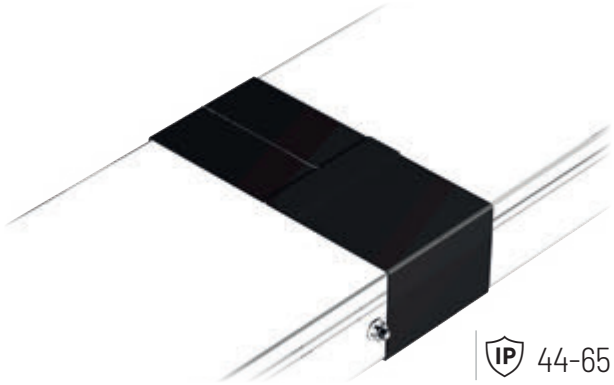
Click System. No fixings are required



4,2x9,5

¡Fijación vertical segura!

Safe vertical installation



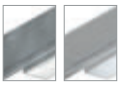
IP 44-65

¡Máxima estanqueidad!

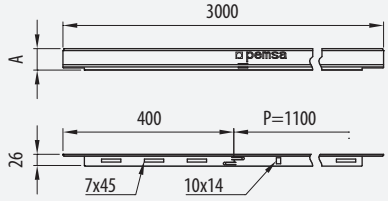
Maximum tightness

Tabique Separador Click
Click Divider



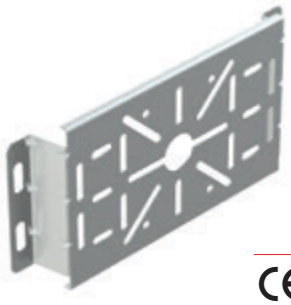


S	A	35-60-100	Ref	kg/m	u
PG	25	35	67020610	0,212	60
	50	60	67020611	0,312	48
	80	100	67020612	0,444	36
GC	25	35	67030610	0,261	60
	50	60	67030611	0,384	48
	80	100	67030612	0,541	36
AZ+	50	60	81000312	0,284	48
304	25	35	67050610	0,207	60
	50	60	67050611	0,305	48
	80	100	67050612	0,430	36
316L	25	35	67060610	0,207	60
	50	60	67060611	0,305	48
	80	100	67060612	0,430	36



ETIM: EC001000

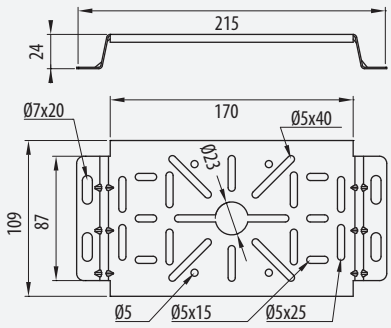
Soporte Universal **pemsaband®**
***pemsaband®** Universal Bracket*





S	35-60-100	Ref	kg/u	u
PG		70420911	0,179	10
GC		70430911	0,197	10

ETIM: EC000022



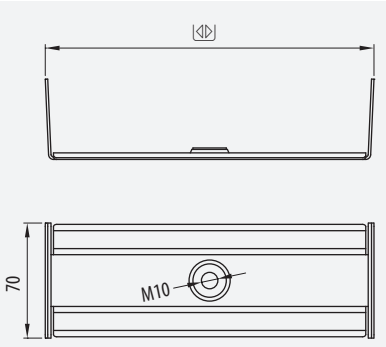
Suspensión interior **pemsaband®**
***pemsaband®** Inside Hanging Plate*





S	60	100-400	Ref	kg/u	u
EZ		100	70122210	0,157	10
		150	70122215	0,198	10
		200	70122220	0,239	10
		300	70122230	0,321	10
		400	70122240	0,404	10
GC		100	70132210	0,167	10
		150	70132215	0,211	10
		200	70132220	0,255	10
		300	70132230	0,342	10
		400	70132240	0,431	10

ETIM: EC001003



A	↓CTA↓ (kg)
100	40
150	35
200	27

A	↓CTA↓ (kg)
300	20
400	Consultar

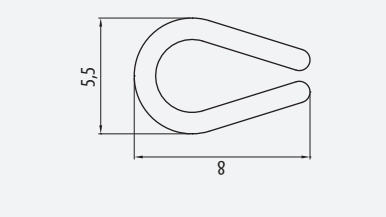
Perfil de Protección **pemsaband®**
***pemsaband®** Profile Protector*

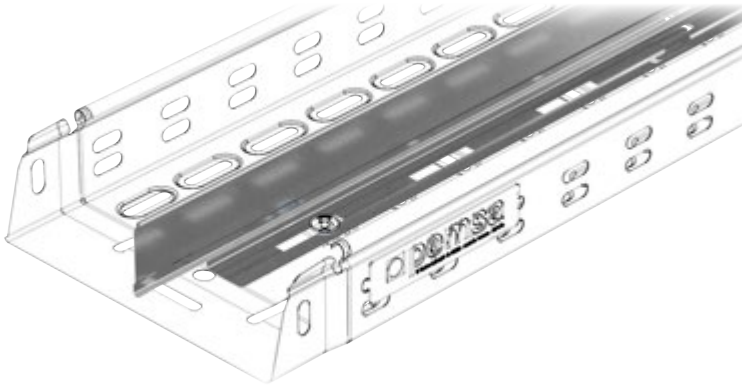




35-60-100	Ref	kg/u	u
	71000000	0,032	25

ETIM: EC002935



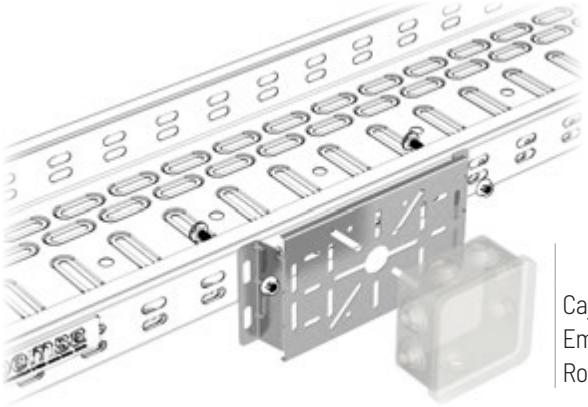


x 1 x m 070

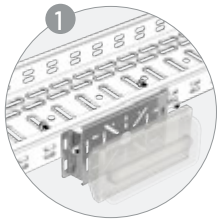
¡Organización de cables!

Easy cable management

070



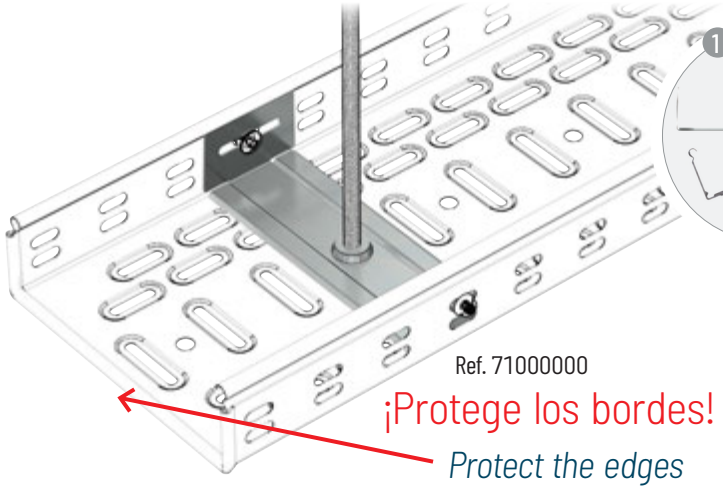
x 2 070



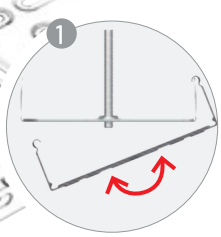
Versátil.
¡Múltiples aplicaciones!

Versatile. Multiple applications

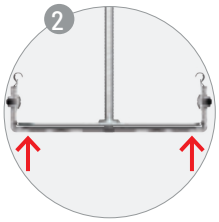
Cajas / *Boxes*
Emergencias / *Emergency Lighting*
Routers



x 2 070



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



Hidden System.
The support is installed inside the cable tray

Ref. 71000000

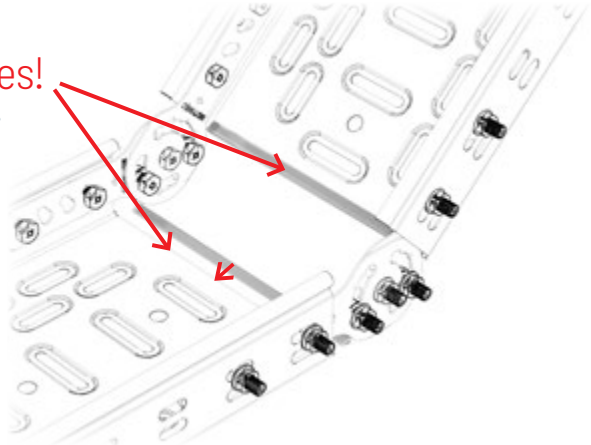
¡Protege los bordes!

Protect the edges

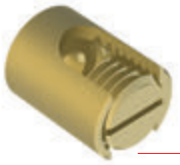
Ref. 71000000

¡Protege los bordes!

Protect the edges

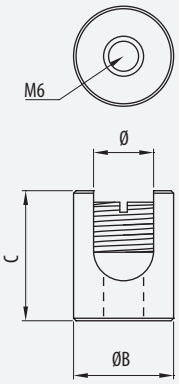


Borna Equipotencialidad
Bonding Connector



[ ] • ⇳ 35-60-100 • ⇹ 60-600					
Ⓢ	A (mm²)	Ø máx (mm)	Ref	kg/u	
LAT	16-50	8,0	68000034	0,024	20
	50-110	11,5	68000035	0,043	20

ETIM: EC002935

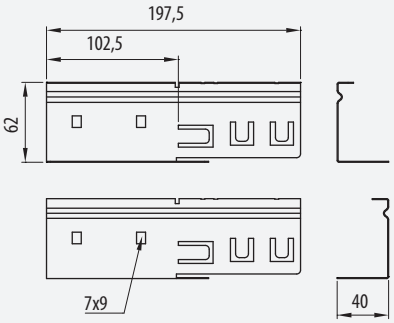


Unión **rejiband®-pemsaband®**
***rejiband®-pemsaband®** Coupler*

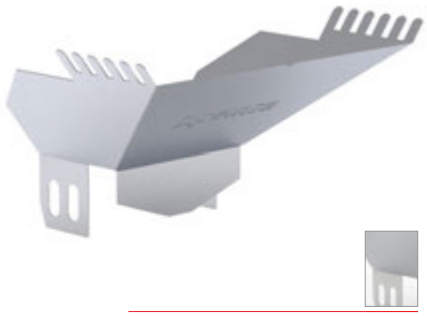


[ ] • ⇳ 60 • ⇹ 60-600			
Ⓢ	Ref	kg/u	
PG	70120200	0,190	1
GC	70130200	0,214	1

ETIM: EC002413

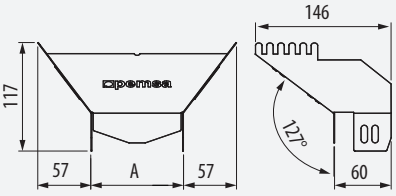


Derivación **rejiband®-pemsaband®**
***Base Entry* rejiband®-pemsaband®**



[ ] • ⇳ 60 • ⇹ 100-150				
Ⓢ	A	Ref	kg/u	
PG	100	70027100	0,172	1
	150	70027150	0,240	1
GC	100	70037100	0,221	1
	150	70037150	0,294	1

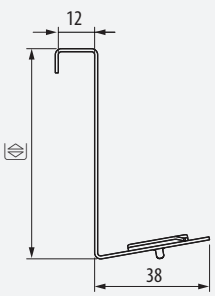
ETIM: EC002935

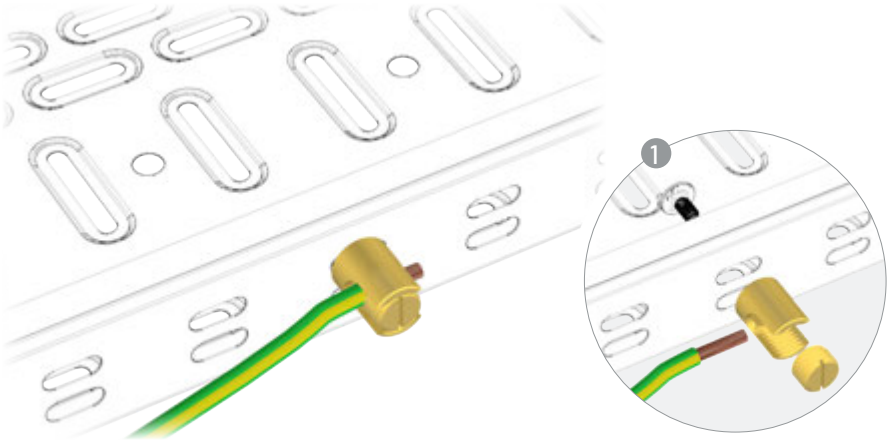


Abrazadera Rail Rápida **pemsaband®**
***Fast Hold Down Bracket* pemsaband®**



[ ] • ⇳ 60 • ⇹ 100-150				
Ⓢ	A	Ref	kg/u	
GC	35	81000253	0,019	10
	60	81000254	0,023	10
	100	81000256	0,029	10





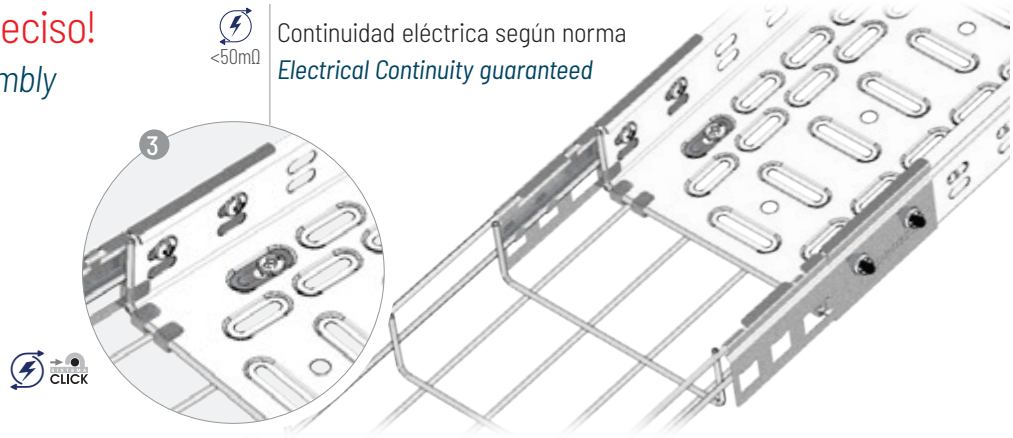
070

Consultar Ejemplos de Conexión Equipotencial
Consult Examples of Equipotential Bonding

076

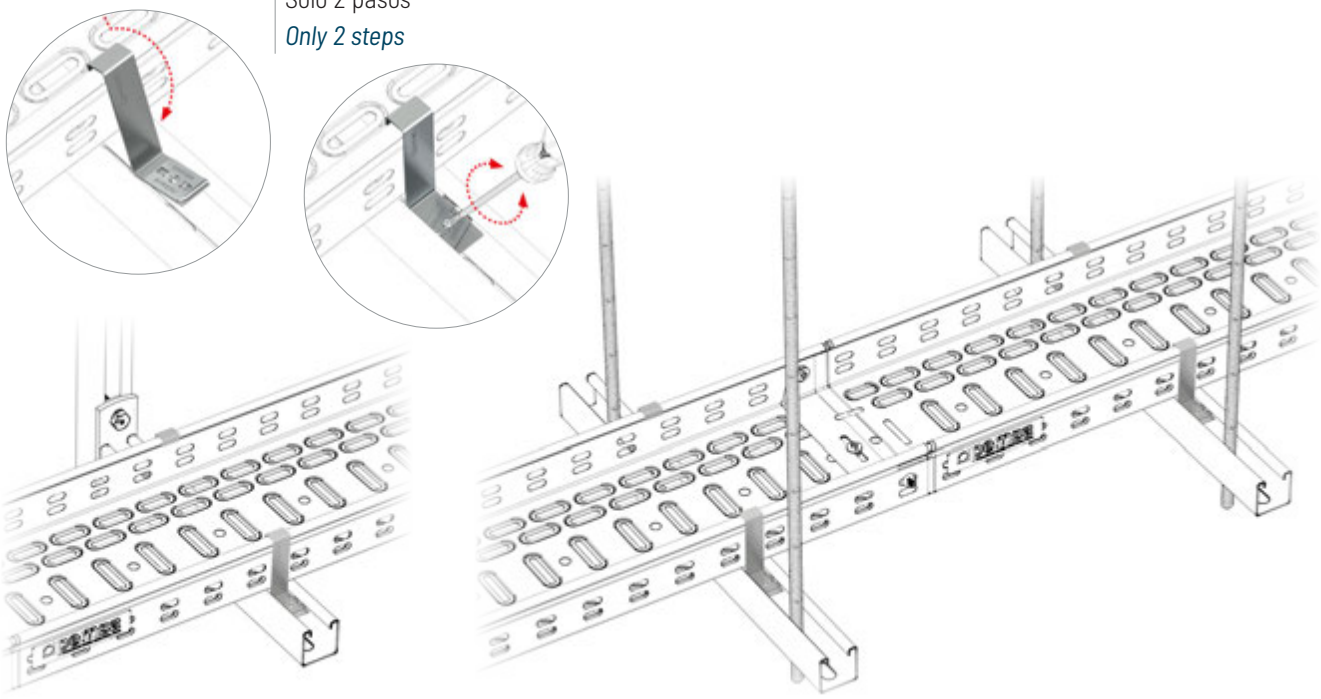
¡Montaje seguro y preciso!
Safe and precise assembly

<50mΩ
Continuidad eléctrica según norma
Electrical Continuity guaranteed



Abrazadera Rail Rápida
Fast Hold Down Bracket

Sólo 2 pasos
Only 2 steps



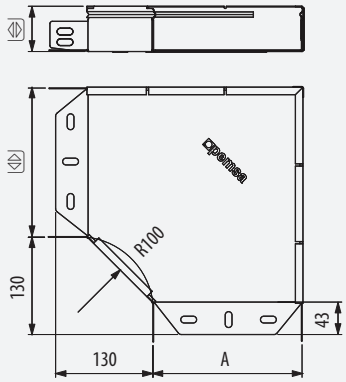
Conexión rápida sin tornillos a estructuras de railes
Quick connection without screws to channel and strut

pemsa

Curva 90º Click

90º Bend Click





ETIM: EC002400



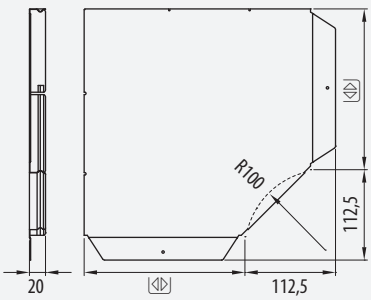
S	⇳	⇹	Ref	kg/u	
PG	35	100	70020110	0,272	1
	35	150	70020115	0,419	1
	35	200	70020120	0,683	1
	35	300	70020130	1,152	1
	60	60	70020206	0,362	1
	60	100	70020210	0,362	1
	60	150	70020215	0,516	1
	60	200	70020220	0,809	1
	60	300	70020230	1,306	1
	60	400	70020240	1,912	1
	60	500	70020250	3,003	1
	60	600	70020260	3,947	1
	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
GC	35	100	70030110	0,358	1
	35	150	70030115	0,551	1
	35	200	70030120	0,879	1
	35	300	70030130	1,483	1
	60	100	70030210	0,475	1
	60	150	70030215	0,679	1
	60	200	70030220	1,042	1
	60	300	70030230	1,681	1
	60	400	70030240	2,461	1
	60	500	70030250	3,382	1
	60	600	70030260	4,444	1
	100	100	70030410	0,669	1
	100	200	70030420	1,226	1
	100	300	70030430	1,883	1

S	⇳	⇹	Ref	kg/u	
GC	100	400	70030440	2,674	1
	100	500	70030450	3,597	1
	100	600	70030460	4,655	1
AZ+	60	60	82003782	0,326	1
	60	100	82003783	0,463	1
	60	150	82003784	0,663	1
	60	200	82003785	0,894	1
	60	300	82003786	1,450	1
	60	400	82003787	2,130	1
	60	500	82003788	2,940	1
	60	600	82003789	3,860	1
	100	100	82004293	0,634	1
	100	200	82004294	1,120	1
	100	300	82004295	1,720	1
	100	400	82004296	2,450	1
	100	500	82004297	3,310	1
	100	600	82004298	4,290	1
304	60	100	70050210	0,297	1
	60	150	70050215	0,423	1
	60	200	70050220	0,568	1
	60	300	70050230	0,919	1
	60	400	70050240	1,347	1
	60	500	70050250	1,854	1
	60	600	70050260	2,441	1
316L	60	100	70060210	0,297	1
	60	150	70060215	0,423	1
	60	200	70060220	0,568	1
	60	300	70060230	0,919	1
	60	400	70060240	1,347	1
	60	500	70060250	1,854	1
	60	600	70060260	2,441	1

Tapa Curva 90º Click

90º Bend Cover Click







S	⇹	Ref	kg/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
	600	73030600	3,703	1
AZ+	60	82003829	0,157	1
	100	82003830	0,266	1
	150	82003831	0,427	1
	200	82003832	0,620	1

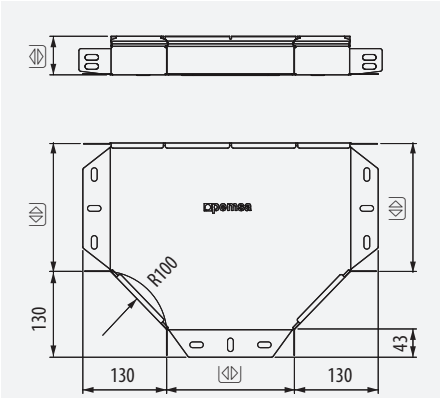
S	⇹	Ref	kg/u	
AZ+	300	82003833	1,100	1
	400	82003834	1,710	1
	500	82003835	2,440	1
	600	82003836	3,290	1
304	100	73050100	0,167	1
	150	73050150	0,267	1
	200	73050200	0,387	1
	300	73050300	0,687	1
	400	73050400	1,065	1
	500	73050500	1,522	1
	600	73050600	2,058	1
316L	100	73060100	0,167	1
	150	73060150	0,267	1
	200	73060200	0,387	1
	300	73060300	0,687	1
	400	73060400	1,065	1
	500	73060500	1,522	1
	600	73060600	2,058	1

ETIM: EC001569

T Click

Tee Click





ETIM: EC002401



[ ] • 35-60-100 • 100-600					
S			Ref	kg/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
	100	100	70022410	0,581	1
	100	200	70022420	1,120	1
	100	300	70022430	1,667	1
	100	400	70022440	2,324	1
	100	500	70022450	3,533	1
	100	600	70022460	4,536	1
GC	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
	100	100	70032410	0,809	1
	100	200	70032420	1,201	1
	100	300	70032430	1,787	1

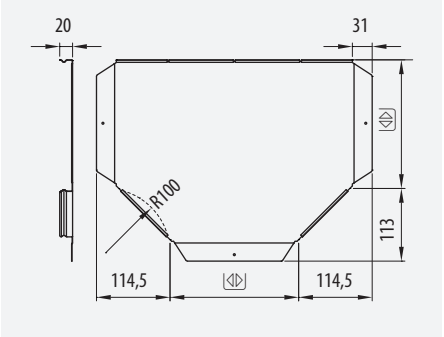
[ ] • 35-60-100 • 100-600					
S			Ref	kg/u	
GC	100	400	70032440	2,491	1
	100	500	70032450	3,755	1
	100	600	70032460	4,820	1
AZ+	60	100	82003791	0,570	1
	60	150	82003792	0,790	1
	60	200	82003793	1,040	1
	60	300	82003794	1,640	1
	60	400	82003795	2,390	1
	60	500	82003796	3,240	1
	60	600	82003797	4,420	1
	100	100	82004273	0,762	1
	100	200	82004274	1,260	1
	100	300	82004275	1,890	1
	100	400	82004276	2,660	1
	100	500	82004277	3,530	1
	100	600	82004278	4,510	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
	60	600	70052260	2,636	1
316L	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

Bajo pedido, consultar disponibilidad
On request, check availability

Tapa T Click

Tee Cover Click





[ ] • 35-60-100 • 100-600				
S		Ref	kg/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
	600	73032600	4,150	1



[ ] • 35-60-100 • 100-600				
S		Ref	kg/u	
AZ+	100	82003865	0,354	1
	150	82003866	0,546	1
	200	82003867	0,769	1
	300	82003868	1,310	1
	400	82003869	1,980	1
	500	82003870	2,770	1
	600	82003871	3,690	1
304	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
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

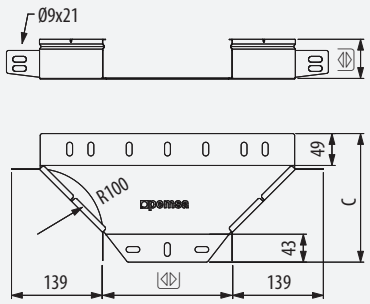
ETIM: EC002406

pemsa

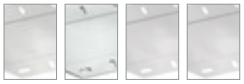
Derivación Click

Side Entry Click





ETIM: EC002401



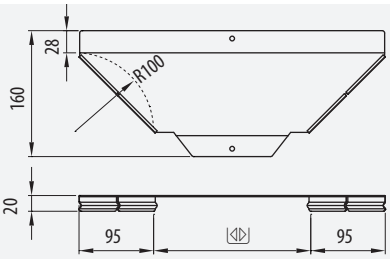
S	⬌	⬍	Ref	kg/u	
PG	35	100	70023110	0,215	1
	35	150	70023115	0,259	1
	35	200	70023120	0,357	1
	35	300	70023130	0,462	1
	60	60	70023206	0,212	1
	60	100	70023210	0,265	1
	60	150	70023215	0,310	1
	60	200	70023220	0,414	1
	60	300	70023230	0,519	1
	60	400	70023240	0,624	1
	60	500	70023250	0,833	1
	60	600	70023260	0,953	1
	100	100	70023410	0,373	1
	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
GC	35	100	70033110	0,282	1
	35	150	70033115	0,343	1
	35	200	70033120	0,459	1
	35	300	70033130	0,594	1
	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
	100	100	70033410	0,498	1
	100	200	70033420	0,621	1

S	⬌	⬍	Ref	kg/u	
GC	100	300	70033430	0,749	1
	100	400	70033440	0,876	1
	100	500	70033450	1,004	1
	100	600	70033460	1,131	1
AZ+	60	60	82003798	0,2705	1
	60	100	82003799	0,2923	1
	60	150	82003800	0,3431	1
	60	200	82003801	0,3881	1
	60	300	82003802	0,6364	1
	60	400	82003803	0,7622	1
	60	500	82003804	0,8518	1
	60	600	82003805	0,9729	1
	100	100	82004293	0,634	1
	100	200	82004294	1,120	1
	100	300	82004295	1,720	1
	100	400	82004296	2,450	1
	100	500	82004297	3,310	1
	100	600	82004298	4,290	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
	60	600	70053260	0,592	1
316L	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
	60	500	70063250	0,518	1
	60	600	70063260	0,592	1

Tapa Derivación Click

Side Entry Cover Click







S	⬍	Ref	kg/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
	600	73033600	0,941	1
AZ+	60	82003837	0,1266	1
	100	82003838	0,1713	1
	150	82003839	0,2106	1
	200	82003840	0,2510	1
	300	82003841	0,4347	1

S	⬍	Ref	kg/u	
AZ+	400	82003842	0,5401	1
	500	82003843	0,6454	1
	600	82003844	0,7502	1
304	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
	500	73053500	0,385	1
	600	73053600	0,448	1
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
	600	73063600	0,448	1

ETIM: EC002406



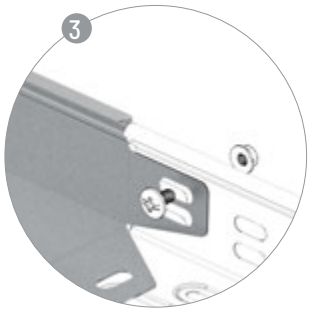
PG AZ+



GC 304 316L

x 2

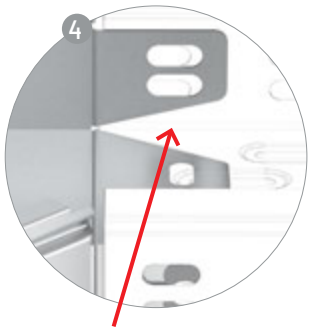
070



¡Sistema Click: Sin Uniones!

Click System: No couplers are required



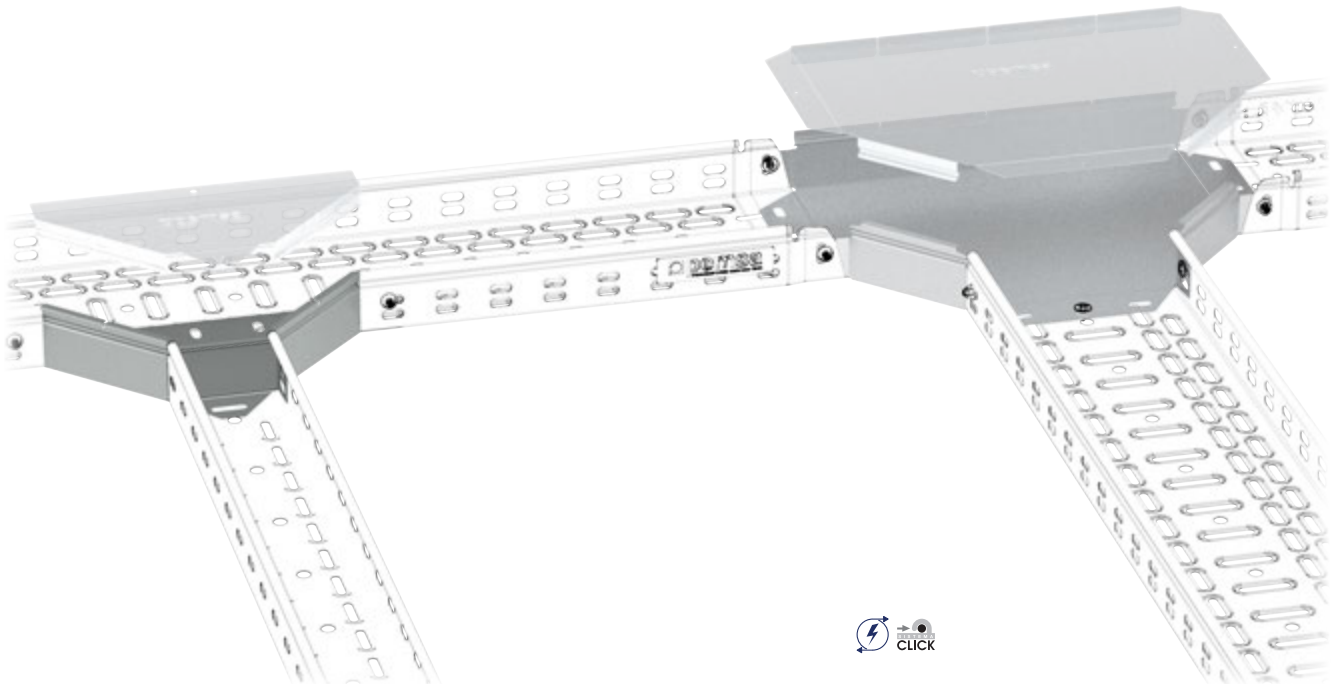


Sistema Universal patentado.

Patented Universal System. Applies to any cable tray

¡Válido para cualquier bandeja de chapa!

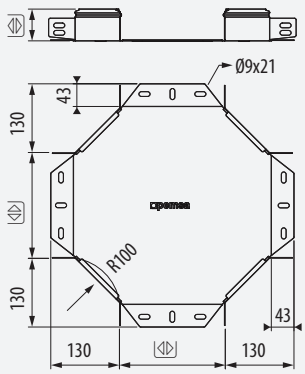
080



Cruce Click

Crossover Click







⌴ • 35-60-100 • 100-600					
S			Ref	kg/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	600	70024260	4,642	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
GC	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

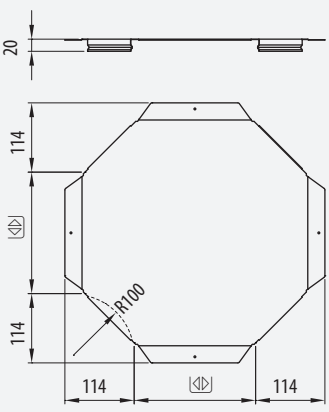
⌴ • 35-60-100 • 100-600					
S			Ref	kg/u	
GC	100	100	70034410	0,907	1
	100	200	70034420	1,337	1
	100	300	70034430	1,937	1
	100	400	70034440	3,009	1
	100	500	70034450	3,957	1
	100	600	70034460	5,038	1
304	60	100	70054210	0,431	1
	60	150	70054215	0,583	1
	60	200	70054220	0,753	1
	60	300	70054230	1,153	1
	60	400	70054240	1,631	1
	60	500	70054250	2,189	1
	60	600	70054260	2,824	1
316L	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

ETIM: EC001542

Tapa Cruce Click

Crossover Cover Click







⌴ • 35-60-100 • 100-600				
S		Ref	kg/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
	600	73024600	4,094	1
GC	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
	500	73034500	3,511	1
	600	73034600	4,608	1

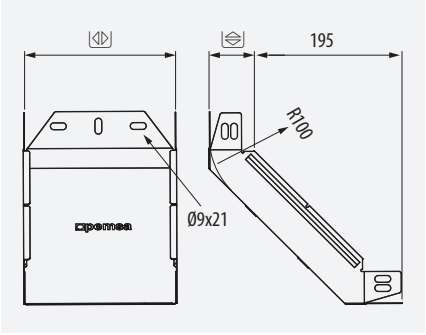
⌴ • 35-60-100 • 100-600				
S		Ref	kg/u	
304	100	73054100	0,287	1
	150	73054150	0,426	1
	200	73054200	0,584	1
	300	73054300	0,961	1
	400	73054400	1,416	1
	500	73054500	1,949	1
	600	73054600	2,559	1
316L	100	73064100	0,287	1
	150	73064150	0,426	1
	200	73064200	0,584	1
	300	73064300	0,961	1
	400	73064400	1,416	1
	500	73064500	1,949	1
	600	73064600	2,559	1

ETIM: EC002404

Cambio de Nivel CNC Click

Inside Riser Click





ETIM: EC002400



[ ] • 35-60-100 • 60-600

S	35	100	70025110	0,248	1
PG	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	600	70025260	1,790	1
	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
GC	35	100	70035110	0,331	1
	35	150	70035115	0,453	1
	35	200	70035120	0,641	1
	35	300	70035130	0,903	1
	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
	100	100	70035410	0,630	1
	100	200	70035420	0,936	1
	100	300	70035430	1,201	1

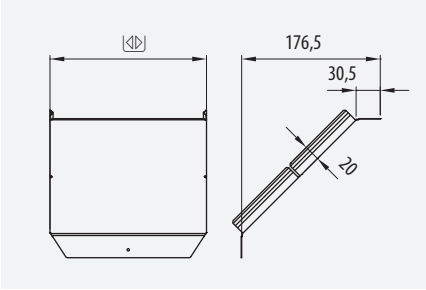
[ ] • 35-60-100 • 60-600

S	100	400	70035440	1,466	1
GC	100	500	70035450	1,962	1
	100	600	70035460	2,262	1
AZ+	60	60	82003813	0,1890	1
	60	100	82003814	0,3790	1
	60	150	82003815	0,4808	1
	60	200	82003816	0,5818	1
	60	300	82003817	0,7861	1
	60	400	82003818	1,2992	1
	60	500	82003819	1,5664	1
	60	600	82003820	1,8336	1
	100	100	82004286	0,688	1
	100	200	82004287	0,983	1
	100	300	82004288	1,260	1
	100	400	82004289	1,540	1
	100	500	82004290	1,820	1
	100	600	82004291	2,090	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
	60	600	70055260	1,094	1
316L	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
	60	500	70065250	0,934	1
	60	600	70065260	1,094	1

Tapa Cambio de Nivel CNC Click

Inside Riser Cover Click





[ ] • 35-60-100 • 60-600

S	60	73025060	0,100	1
PG	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
	600	73035600	1,171	1
AZ+	60	82003845	0,0570	1
	100	82003846	0,1627	1



[ ] • 35-60-100 • 60-600

S	150	82003847	0,2298	1
AZ+	200	82003848	0,2968	1
	300	82003849	0,4297	1
	400	82003850	0,7400	1
	500	82003851	0,9147	1
	600	82003852	1,0895	1
304	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
	500	73055500	0,546	1
	600	73055600	0,732	1
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
	600	73065600	0,732	1

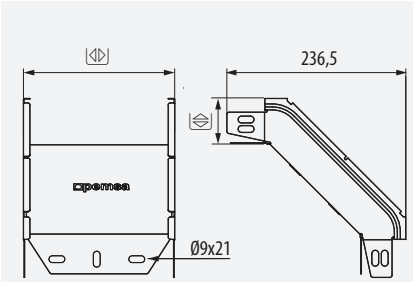
ETIM: EC002402

pemsa

Cambio de Nivel CNV Click

Outside Riser Click





ETIM: EC002400



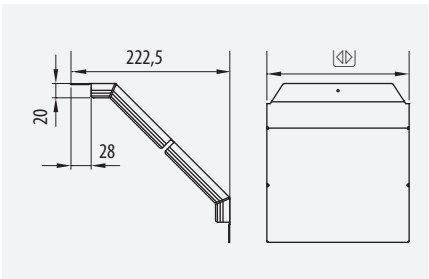
S	35-60-100	60-600	Ref	kg/u	u
PG	35	100	70026110	0,236	1
	35	150	70026115	0,310	1
	35	200	70026120	0,444	1
	35	300	70026130	0,694	1
	60	60	70026206	0,227	1
	60	100	70026210	0,287	1
	60	150	70026215	0,352	1
	60	200	70026220	0,486	1
	60	300	70026230	0,636	1
	60	400	70026240	0,786	1
	60	500	70026250	1,070	1
	60	600	70026260	1,242	1
	100	100	70026410	0,338	1
	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
GC	35	100	70036110	0,310	1
	35	150	70036115	0,407	1
	35	200	70036120	0,571	1
	35	300	70036130	0,781	1
	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
	100	100	70036410	0,452	1
	100	200	70036420	0,546	1
	100	300	70036430	0,666	1

S	35-60-100	60-600	Ref	kg/u	u
GC	100	400	70036440	0,781	1
	100	500	70036450	1,028	1
	100	600	70036460	1,164	1
AZ+	60	60	82003821	0,141	1
	60	100	82003822	0,305	1
	60	150	82003823	0,352	1
	60	200	82003824	0,426	1
	60	300	82003825	0,545	1
	60	400	82003826	0,898	1
	60	500	82003827	1,070	1
	60	600	82003828	1,242	1
	100	100	82004299	0,436	1
	100	200	82004301	0,567	1
	100	300	82004302	0,690	1
	100	400	82004303	0,812	1
	100	500	82004304	0,936	1
	100	600	82004305	1,060	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
	60	600	70056260	0,776	1
316L	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
	60	500	70066250	0,669	1
	60	600	70066260	0,776	1

Tapa Cambio de Nivel CNV Click

Outside Riser Cover Click



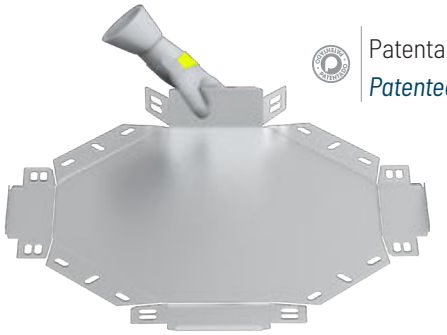


S	60-600	Ref	kg/u	u
PG	60	73026060	0,192	1
	100	73026100	0,204	1
	150	73026150	0,287	1
	200	73026200	0,431	1
	300	73026300	0,623	1
	400	73026400	0,816	1
	500	73026500	1,152	1
	600	73026600	1,372	1
GC	100	73036100	0,268	1
	150	73036150	0,376	1
	200	73036200	0,554	1
	300	73036300	0,802	1
	400	73036400	1,049	1
	500	73036500	1,297	1
	600	73036600	1,545	1
AZ+	60	82003853	0,0958	1
	100	82003854	0,2170	1



S	60-600	Ref	kg/u	u
AZ+	150	82003855	0,3053	1
	200	82003856	0,3925	1
	300	82003857	0,5669	1
	400	82003858	0,9771	1
	500	82003859	1,2070	1
	600	82003860	1,4375	1
304	100	73056100	0,170	1
	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
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
	600	73066600	0,858	1

ETIM: EC002402



Patentado
Patented

PG AZ+



GC 304 316L

x 2 070

Sistema Click: ¡Sin Uniones!

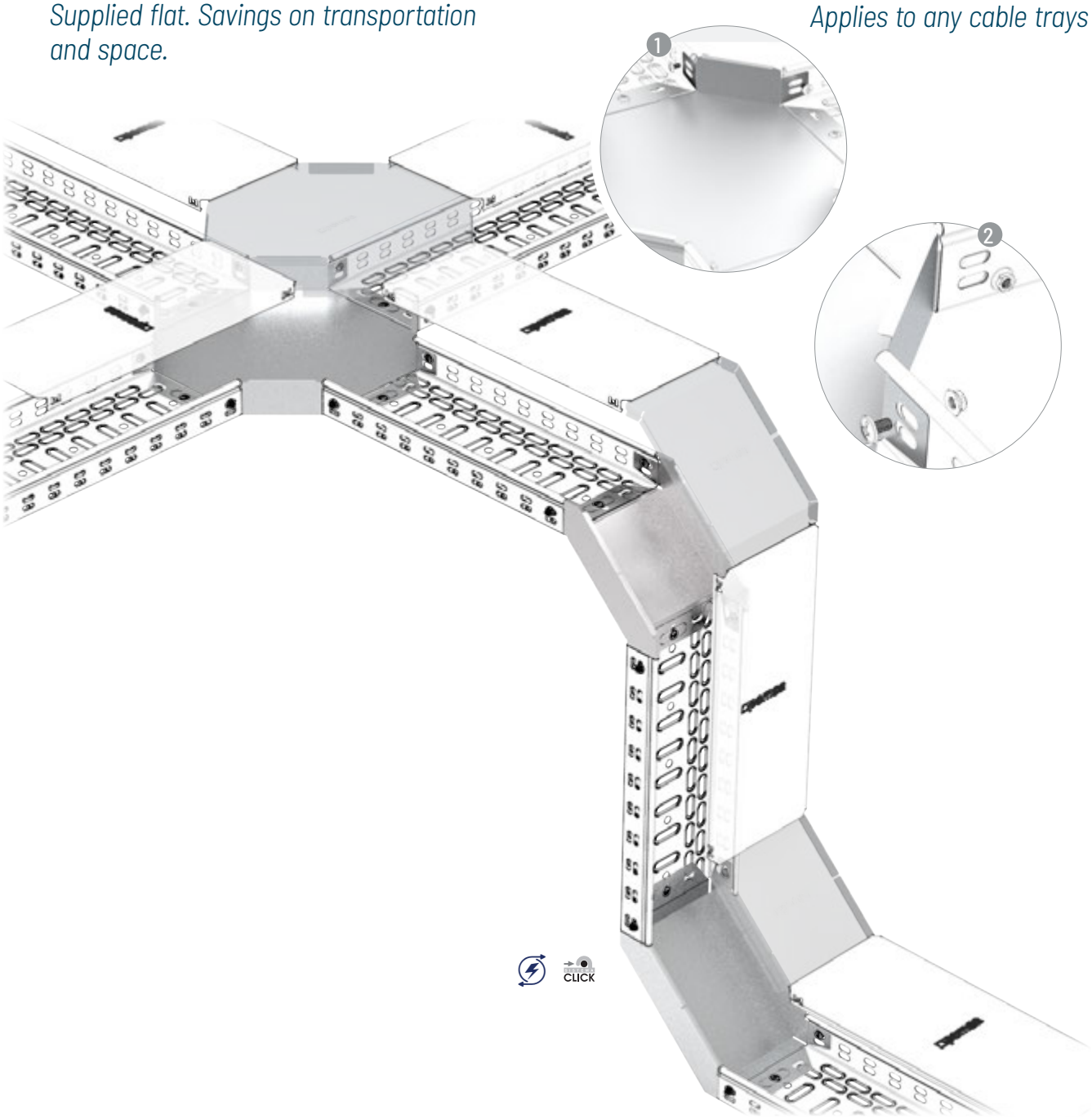
Click System: No couplers are required

Se suministra plano. ¡Ahorro en transporte y espacio!

Supplied flat. Savings on transportation and space.

Sistema Universal patentado. Válido para la gama pemsaband.

Patented Universal System. Applies to any cable trays

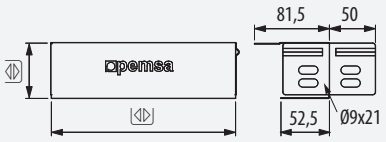


pemsa

Reducción pemsaband®

Reducer pemsaband®







CE UK CA RoHS CLICK

S	⬍	⬌	Ref	kg/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
	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
GC	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
	100	100	71034010	0,245	1
	100	200	71034020	0,429	1
	100	300	71034030	0,613	1

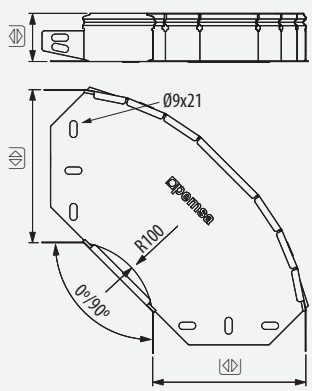
S	⬍	⬌	Ref	kg/u	
GC	100	400	71034040	0,797	1
	100	500	71034050	0,982	1
	100	600	71034060	1,166	1
AZ+	60	100	82003806	0,1038	1
	60	150	82003807	0,1469	1
	60	200	82003808	0,2065	1
	60	300	82003809	0,3029	1
	60	400	82003810	0,5047	1
	60	500	82003811	0,6255	1
	60	600	82003812	0,7463	1
	100	100	82004307	0,201	1
	100	200	82004308	0,322	1
	100	300	82004309	0,460	1
	100	400	82004310	0,595	1
	100	500	82004311	0,735	1
	100	600	82004312	0,869	1
304	60	100	71052010	0,080	1
	60	150	71052015	0,114	1
	60	200	71052020	0,161	1
	60	300	71052030	0,236	1
	60	400	71052040	0,297	1
	60	500	71052050	0,368	1
	60	600	71052060	0,439	1
316L	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

ETIM: EC001007

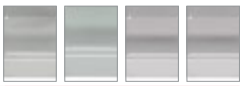
Curva Ajustable Click

Adjustable Bend Click





S	⬍	⬌	Ref	kg/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
GC	35	100	70038110	0,240	1
	35	150	70038115	0,386	1
	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



CE UK CA RoHS CLICK

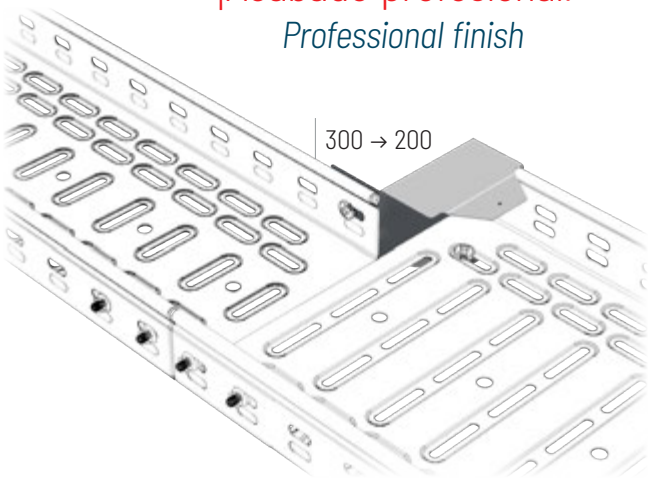
S	⬍	⬌	Ref	kg/u	
AZ+	60	100	82003861	0,331	1
	60	150	82003862	0,500	1
	60	200	82003863	0,642	1
	60	300	82003864	1,090	1
304	60	100	70058210	0,212	1
	60	150	70058215	0,320	1
	60	200	70058220	0,410	1
	60	300	70058230	0,500	1
316L	60	100	70068210	0,212	1
	60	150	70068215	0,320	1
	60	200	70068220	0,410	1
	60	300	70068230	0,500	1

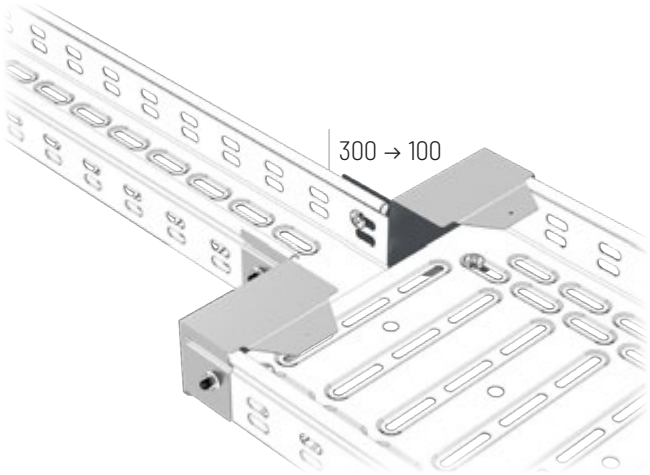
ETIM: EC002400

x 3 070

¡Acabado profesional!

Professional finish

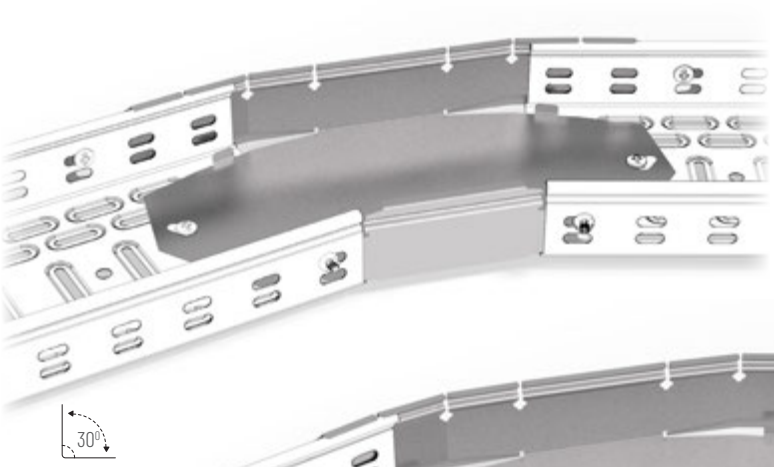




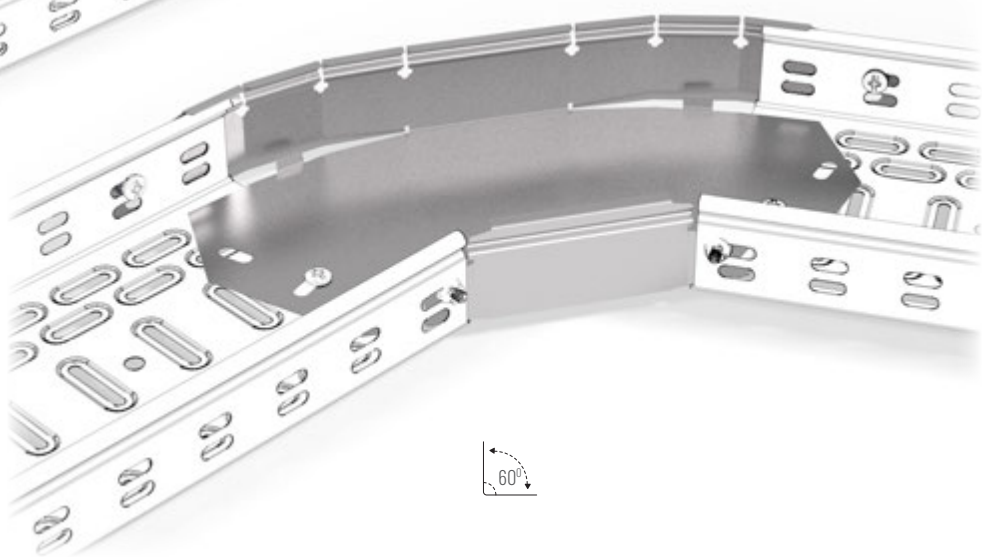
x 6 070

¡Ángulo Variable 0°-90°!

Adjustable Angle 0°-90°





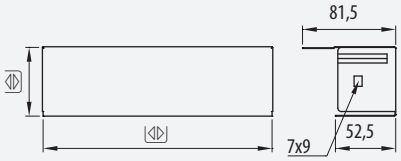


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Tapa Final

End Cover





[ ] • 35-60-100 • 100-600

			Ref	kg/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
	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
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
	100	100	70039410	0,245	1
	100	200	70039420	0,429	1
	100	300	70039430	0,613	1

[ ] • 35-60-100 • 100-600

			Ref	kg/u	
GC	100	400	70039440	0,797	1
	100	500	70039450	0,982	1
	100	600	70039460	1,166	1
AZ+	60	100	82003806	0,1038	1
	60	150	82003807	0,1469	1
	60	200	82003808	0,2065	1
	60	300	82003809	0,3029	1
	60	400	82003810	0,5047	1
	60	500	82003811	0,6255	1
	60	600	82003812	0,7463	1
	100	100	82004307	0,201	1
	100	200	82004308	0,322	1
	100	300	82004309	0,460	1
	100	400	82004310	0,595	1
	100	500	82004311	0,735	1
	100	600	82004312	0,869	1
304	60	100	71052010	0,080	1
	60	150	71052015	0,114	1
	60	200	71052020	0,161	1
	60	300	71052030	0,236	1
	60	400	71052040	0,297	1
	60	500	71052050	0,368	1
	60	600	71052060	0,439	1
316L	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

ETIM: EC001573



CE UKCA RoHS CLICK

Esquina Universal

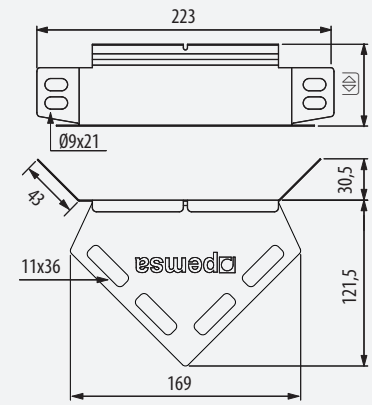
Universal Corner



[ ] • 35-60-100 • 100-600

		Ref	kg/u	
PG	35	70021100	0,106	1
	60	70021200	0,134	1
	100	70021400	0,183	1
GC	35	70031100	0,114	1
	60	70031200	0,144	1
	100	70031400	0,196	1
AZ+	60	82003790	0,166	1
	100	82004292	0,201	1
304	60	70051200	0,096	1
316L	60	70061200	0,096	1

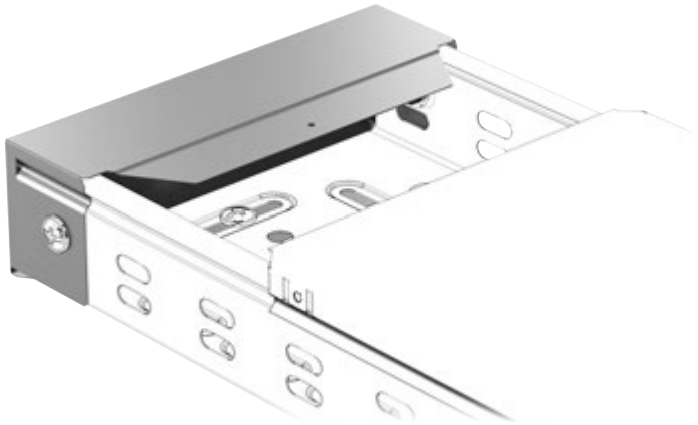
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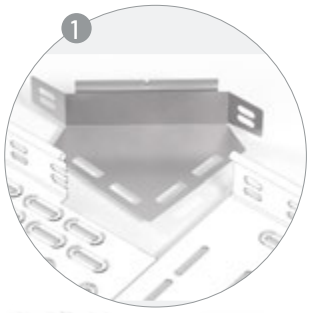
CE UKCA RoHS CLICK

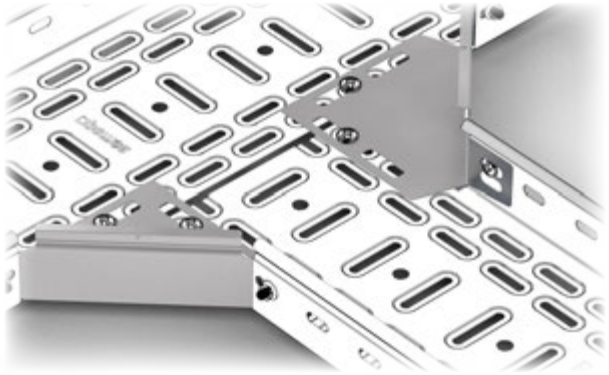
x 3 070



¡Acabado profesional!
Professional finish

x 4 070







Versátil. Creación de T, ¡Derivaciones, Reducciones!
Versatile. Creating of Tees, Reducers etc.

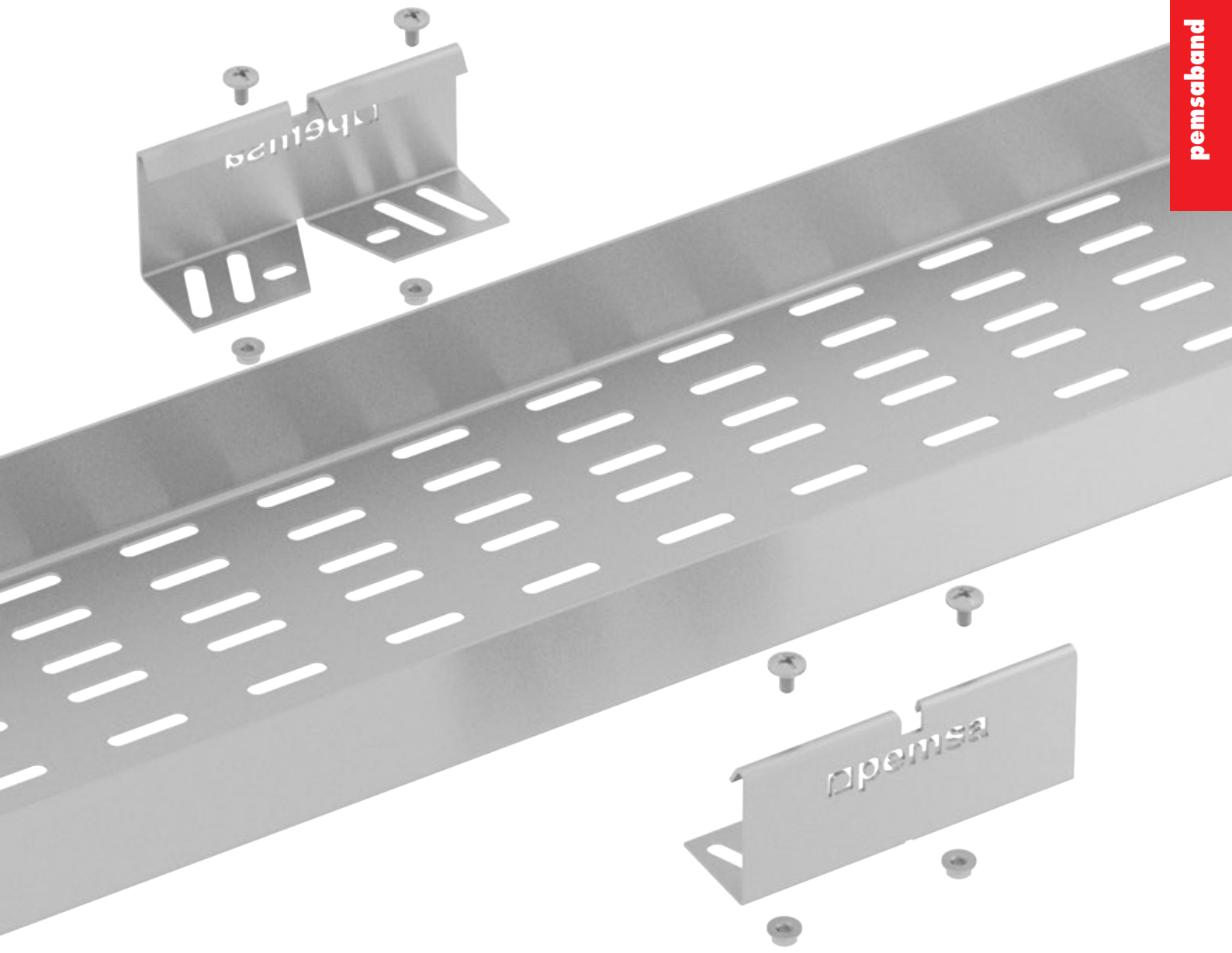
¡Acabado profesional!
Professional finish

300 → 150

pemsaband® PQ

Perforated cable trays for industrial applications

Bandejas de chapa perforada para aplicaciones industriales







pemsaband® PQ

El diseño de Pemsa para la Industria Petroquímica

Pemsa design for the Oil & Gas Industry

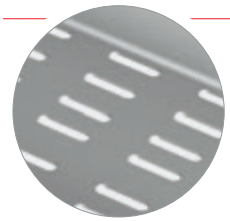
Ventajas y Características / *Advantages and features*

Galvanizado en Caliente. 85 micras. Clase 8 según IEC 61537 **GC**

Hot Dip Galvanised. 85 microns. Class 8 acc. to IEC 61537

AL Aluminio 1050H24. Alta resistencia a la corrosión y excelentes propiedades mecánicas.

Aluminium 1050H24. High corrosion resistance and excellent mechanical properties.

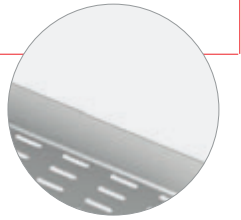


Multiples perforaciones. Mejora la fijación de los cables

Multiple perforations. Increases the fixings for the cables

Cumple con las especificaciones ESP-2208-5, ED-P-11-02

Complies with ESP-2208-5 and ED-P-11-02 specifications



Espesores elevados. 2 y 2,5 mm. Grandes Cargas

High thickness. 2.0 and 2.5mm for Heavy Duty Loads

(*) CEPSA is a trademark owned by COMPAÑÍA ESPAÑOLA DE PETROLEOS, S.A. REPSOL is a trademark owned by REPSOL, S.A.

CEPSA es un marca registrada propiedad de COMPAÑÍA ESPAÑOLA DE PETROLEOS, S.A.U. REPSOL es una marca registrada propiedad de REPSOL, S.A

Soluciones de Producto / *Product Solutions*



Ind. Petroquímica
Petrochemical Industry



Oil & Gas



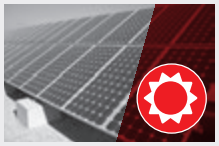
Offshore, Puertos
Offshore, Ports



Centrales de Energía
Energy Power Stations



Minería y Cementera
Mining and Cement



Energía Renovable
Renewable Energy

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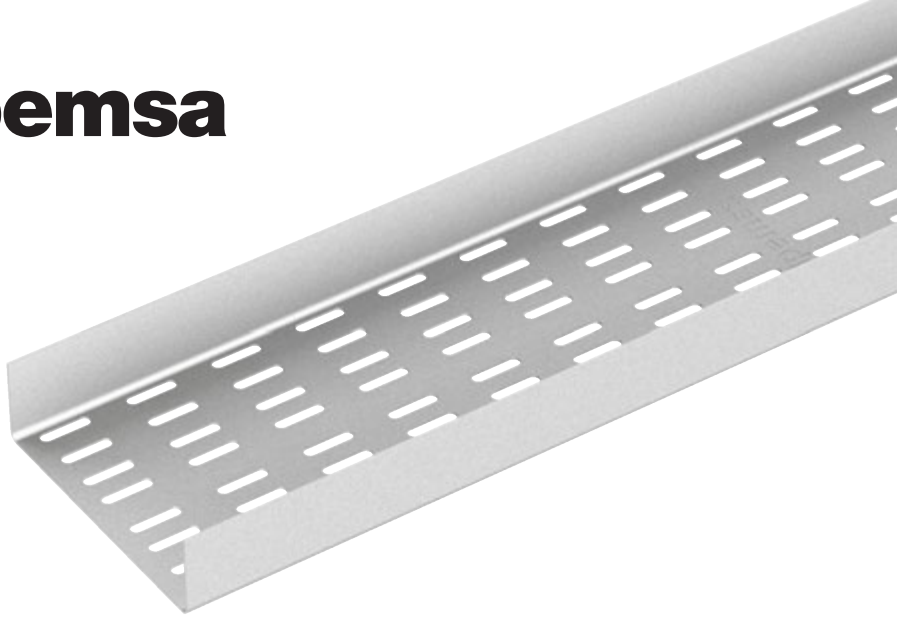
PQU - PQU AL

Bandeja perforada reforzada

Heavy Duty perforated cable Tray

15, 30, 50, 60 • 100-600

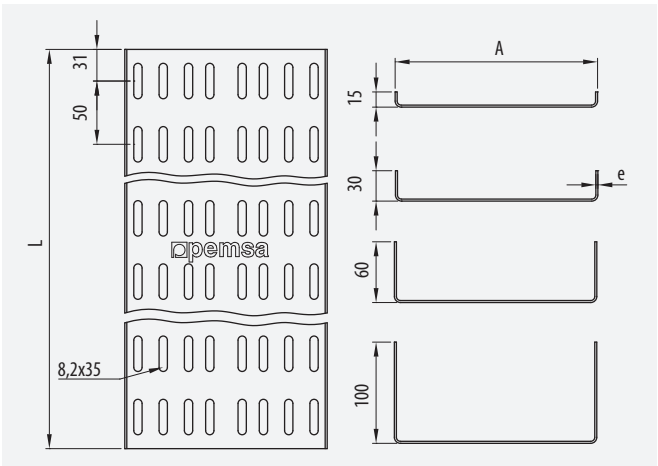
2000-3000

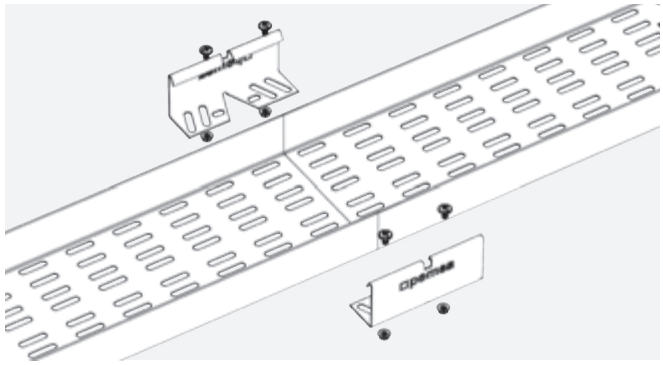


ETIM: EC000047

			GC	e(mm)	kg/m	AL	e(mm)	kg/m	
15	50	2000	76623005	2	1,127	-	-	-	2
	100	3000	76603010	2	1,761	-	-	-	3
	150	3000	76603015	2	2,463	-	-	-	3
	200	3000	76603020	2	3,164	-	-	-	3
	300	3000	76603030	2	4,568	-	-	-	3
30	50	3000	76603105	2	1,633	-	-	-	3
	100	3000	76603110	2	2,277	82000061	1,5	0,950	3
	100	3000	-	-	-	82003218	2,5	0,570	3
	150	3000	76603115	2	2,979	-	-	-	3
	200	3000	76603120	2	3,680	82000062	2,5	1,500	3
	300	3000	76603130	2	5,075	82000063	2,5	2,180	3
	400	3000	76603140	2	6,478	82000064	2,5	2,880	3
	500	3000	76603150	2	8,171	-	-	-	3
	600	3000	76603160	2	9,863	82000065	2,5	4,170	3
50	50	3000	-	-	-	82003217	1,5	0,520	3
	50	3000	76603205	2	2,281	82000072	2,5	0,870	3
60	100	3000	76603210	2	3,293	82000066	2,5	1,350	3
	100	3000	-	-	-	82003219	1,5	0,810	3
	150	3000	76603215	2	3,994	-	-	-	3
	200	3000	76603220	2	4,696	82000067	2,5	-	3
	300	3000	76603230	2	6,091	82000068	2,5	2,580	3
	400	3000	76603240	2	7,494	82000069	2,5	3,280	3
	500	3000	76603250	2	9,186	-	-	-	3
	600	3000	76603260	2	10,878	82000070	2,5	4,570	3

Bajo pedido, consultar disponibilidad / *On request, check availability*







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PQ

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PQW

Bandeja perforada reforzada

Heavy Duty perforated cable Tray

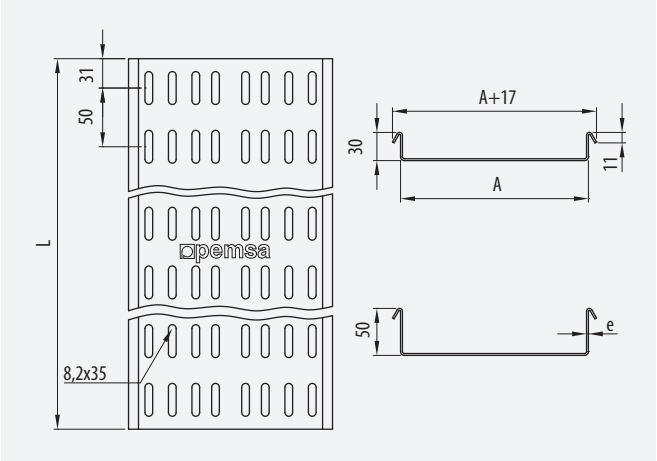
15, 30, 50, 60 • 100-600
2000-3000

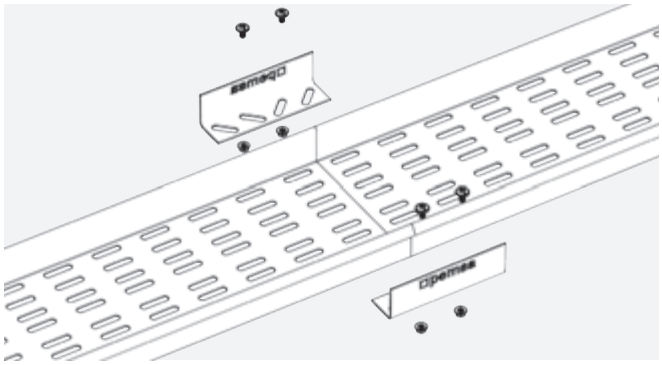
IEC 61537 CE UKCA REPSOL RoHS

ETIM: EC000047

		$e_{(mm)}$		GC	kg/m	
30	100	2	3000	76643110	2,692	3
	150	2	3000	76643115	3,393	3
	200	2	3000	76643120	4,095	3
	100	2	2000	76663110	2,692	2
	150	2	2000	76663115	3,393	2
	200	2	2000	76663120	4,095	2
50	100	2	3000	76643210	3,368	3
	150	2	3000	76643215	4,071	3
	200	2	3000	76643220	4,772	3
	300	2	3000	76643230	6,176	3
	400	2	3000	76643240	7,579	3
	500	2	3000	76643250	9,271	3
	600	2	3000	76643260	10,963	3
	300	2,5	2000	76673230	7,546	2
	400	2,5	2000	76673240	9,274	2
	500	2,5	2000	76673250	11,361	2
	600	2,5	2000	76673260	13,444	2

Bajo pedido, consultar disponibilidad / *On request, check availability*





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Kit Unión **pemsaband®**

pemsaband® *Joint Kit*





IEC 61537 CE UK CA

15-30-50-60 • 50-600

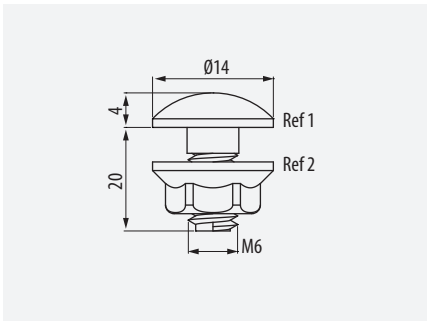
	M	Ref 1	Ref 2	kg/u	
GC	M6x20+M6	67030100	64030059	0,010	100
316*	M6x20+M6	67060100	64060059	0,007	100

* Adecuado para Aluminio, *Suitable for Alumminium,*

AL

15-30-50-60 • 50-600

	M	Ref	kg/u	
EZ	M6x12+M6	67010093	0,008	100
GC	M6x12+M6	67030093	0,009	100



ETIM: EC002935

Unión PQ

PQ Joint



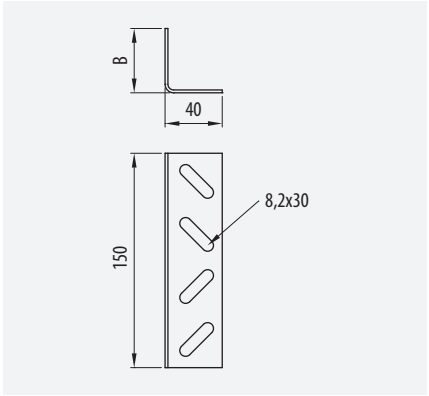


IEC 61537 CE UK CA REPSOL CEPSA RoHS

15-30-50-60 • 50-600

	B	Ref	kg/u	
GC	15	70293010	0,109	10
	30	70293011	0,133	10
	50/60	70293013	0,185	10
	100	70293014	0,273	10

ETIM: EC002413



Unión PQU

PQU Joint





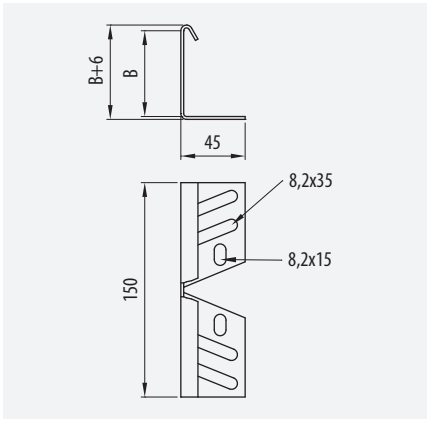
IEC 61537 CE UK CA CEPSA RoHS

15-30-50-60 • 50-600

	B	Ref	kg/u	
GC	15	70293000	0,147	10
	30	70293001	0,177	10
	50	70293002	0,228	10
	60	70293003	0,254	10
AL	30	82002289	0,060	10
	60	82002290	0,084	10

ETIM: EC002413

Bajo pedido, consultar disponibilidad
On request, check availability



Tabique Separador Click

Click Divider

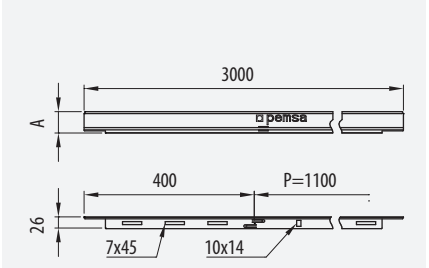


IEC 61537 CE UK CA RoHS

30-50-60 • 100-600

	A	Ref	kg/u	
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

ETIM: EC001000



Fijación tapa PQ AL

Cover fixing PQ AL



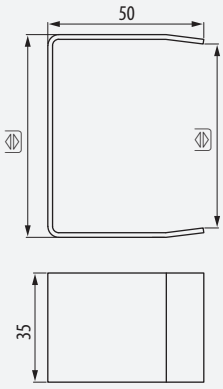
IEC 61537 CE UK CA CEPSA RoHS

• 35-50-60 • 50-600

S		Ref	kg/u	
304	30	82002291	0,054	10
	50	82002293	0,062	10
	60	82002292	0,066	10

ETIM: EC002413

Bajo pedido, consultar disponibilidad
On request, check availability



Tapa Recta PQU

PQU Straight Cover



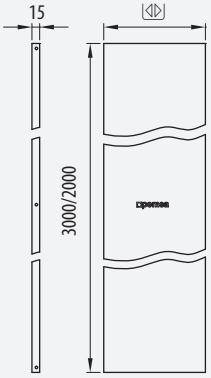


IEC 61537 CE UK CA CEPSA REPSOL RoHS

• 15-30-50-60 • 50-600

S		L	Ref	kg/m	
GC	50	3000	70393105	1,154	3
	100	3000	70393110	2,117	3
	150	3000	70393115	2,981	3
	200	3000	70393120	3,826	3
	300	3000	70393130	5,501	3
	400	3000	70393140	7,193	3
	500	3000	70393150	8,885	3
	600	3000	70393160	10,577	3
	50	2000	70393005	1,154	2
	100	2000	70393010	2,117	2
	150	2000	70393015	2,981	2
	200	2000	70393020	3,826	2
	300	2000	70393030	5,501	2
	400	2000	70393040	7,193	2
	500	2000	70393050	8,885	2
	600	2000	70393060	10,577	2
AL	100	3000	82002294	0,510	3
	200	3000	82002295	0,910	3
	300	3000	82002296	1,320	3
	400	3000	82002297	1,720	3
	600	3000	82002298	2,530	3

ETIM: EC002403



Bajo pedido, consultar disponibilidad
On request, check availability

GC: Espesor / *Thickness* = 2 mm
AL: Espesor / *Thickness* = 2,5 mm

Tapa Recta PQW

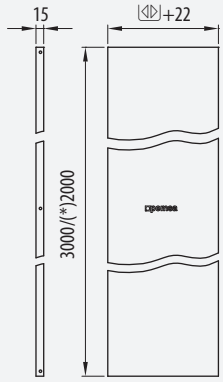
PQW Straight Cover



IEC 61537 CE UK CA CEPSA REPSOL RoHS

• 30-50 • 50-600

S		L	Ref	kg/m	
GC	100	3000	70393310	2,388	3
	150	3000	70393315	3,267	3
	200	3000	70393320	4,113	3
	300	3000	70393330	5,805	3
	400	3000	70393340	7,497	3
	500	3000	70393350	9,191	3
	600	3000	70393360	10,882	3
	100	2000	70393210	2,388	2
	150	2000	70393215	3,267	2
	200	2000	70393220	4,113	2
	300	2000	70393230	5,805	2
	400	2000	70393240	7,497	2
	500	2000	70393250	9,191	2
	600	2000	70393260	10,882	2



Espesor / *Thickness* = 2 mm
ETIM: EC002403

pemsa

Curva 90° PQ

90° PQ Bend

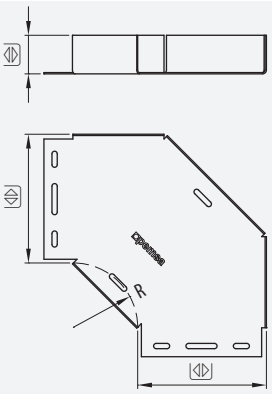


ETIM: EC002400

IEC 61537 CE UKCA CEPSA REPSOL RoHS

• 15-30-50-60 • 50-600

			Ref	kg/u	
GC	15	100	70203010	0,691	1
	15	150	70203015	1,088	1
	15	200	70203020	1,605	1
	15	300	70203030	2,721	1
	30	100	70203110	0,808	1
	30	150	70203115	1,228	1
	30	200	70203120	1,767	1
	30	300	70203130	2,924	1
	30	400	70203140	4,394	1
	30	500	70203150	6,169	1
	30	600	70203160	8,198	1
	50	100	70203210	0,966	1
	50	150	70203215	1,413	1
	50	200	70203220	1,984	1
	50	300	70203230	3,193	1
	50	400	70203240	4,721	1
	50	500	70203250	6,551	1
	50	600	70203260	8,636	1
	60	100	70203310	1,044	1
	60	150	70203315	1,506	1
	60	200	70203320	2,097	1
	60	300	70203330	3,328	1
	60	400	70203340	4,883	1
	60	500	70203350	6,742	1
	60	600	70203360	8,855	1



GC-R100 / AL-R200

• 30-60 • 50-600

			Ref	kg/u	
AL	30	100	82002261	0,59	1
	30	200	82002262	1,08	1
	30	300	82002263	1,72	1
	30	400	82002264	2,40	1
	30	600	82002265	4,22	1
	60	100	82002266	0,75	1
	60	200	82002267	1,27	1
	60	300	82002268	1,95	1
	60	400	82002269	2,66	1
	60	600	82002270	4,55	1

Bajo pedido, consultar disponibilidad
On request, check availability

Tapa Curva 90° PQ

90° PQ Bend Cover

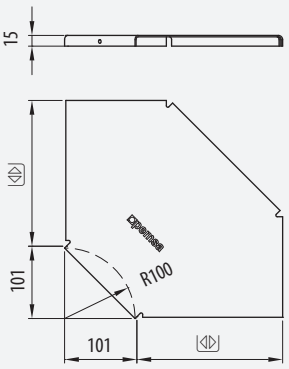


IEC 61537 CE UKCA RoHS

• 15-30-50-60 • 50-600

		Ref	kg/u	
GC	100	70303010	1,717	1
	150	70303015	1,717	1
	200	70303020	2,983	1
	300	70303030	4,655	1
	400	70303040	6,327	1

ETIM: EC001569



IDEA

megaband® CPS

CEPSA ESP-2208-5 IEC 61537 RoHS CE

AL

Bandeja de escalera de aluminio para grandes cargas y ambientes agresivos

Aluminium heavy duty cable ladder for aggressive environments



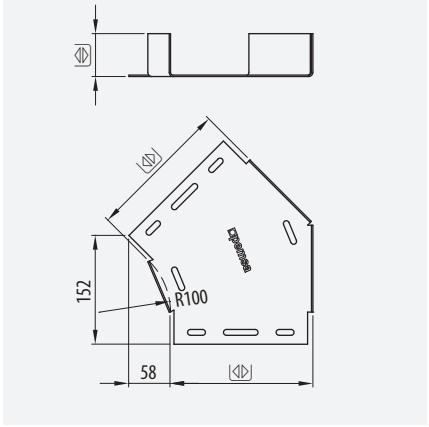
Curva 45° PQ

45° PQ Bend



• 15-30-50-60 • 50-600

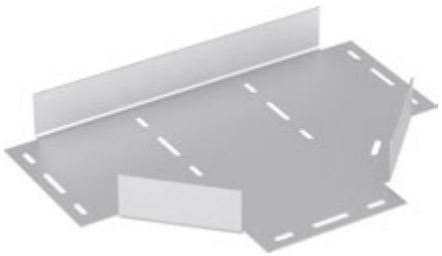
	S			Ref	kg/u	
		15	100	70213010	0,388	1
		15	150	70213015	0,622	1
		15	200	70213020	0,898	1
		15	300	70213030	1,552	1
		30	100	70213110	0,448	1
		30	150	70213115	0,693	1
		30	200	70213120	0,979	1
		30	300	70213130	1,654	1
		30	400	70213140	2,452	1
		30	500	70213150	3,421	1
		30	600	70213160	4,504	1
		50	100	70213210	0,528	1
	GC	50	150	70213215	0,787	1
		50	200	70213220	1,087	1
		50	300	70213230	1,791	1
		50	400	70213240	2,616	1
		50	500	70213250	3,614	1
		50	600	70213260	4,725	1
		60	100	70213310	0,568	1
		60	150	70213315	0,834	1
		60	200	70213320	1,141	1
		60	300	70213330	1,858	1
		60	400	70213340	2,698	1
		60	500	70213350	3,711	1
		60	600	70213360	4,835	1



ETIM: EC002400

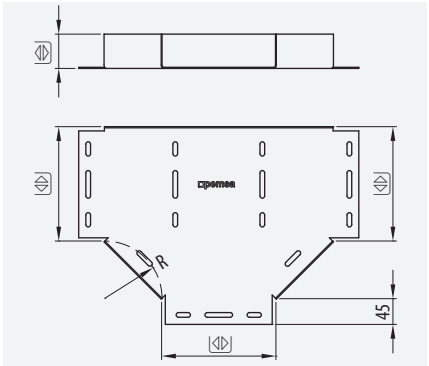
Derivacion T PQ

PQ Tee



• 15-30-50-60 • 50-600

	S			Ref	kg/u	
		15	100	70223010	1,121	1
		15	150	70223015	1,686	1
		15	200	70223020	2,345	1
		15	300	70223030	3,913	1
		30	100	70223110	1,268	1
		30	150	70223115	1,847	1
		30	200	70223120	2,519	1
		30	300	70223130	4,112	1
		30	400	70223140	5,979	1
		30	500	70223150	8,285	1
		30	600	70223160	10,849	1
		50	100	70223210	1,466	1
	GC	50	150	70223215	2,062	1
		50	200	70223220	2,751	1
		50	300	70223230	4,378	1
		50	400	70223240	6,278	1
		50	500	70223250	8,618	1
		50	600	70223260	11,216	1
		60	100	70223310	1,564	1
		60	150	70223315	2,169	1
		60	200	70223320	2,866	1
		60	300	70223330	4,511	1
		60	400	70223340	6,428	1
		60	500	70223350	8,784	1
		60	600	70223360	11,401	1



GC-R100 / AL-R200

• 30-60 • 50-600

	S			Ref	kg/u	
		30	100	82002271	1,000	1
		30	200	82002272	1,710	1
		30	300	82002273	2,550	1
		30	400	82002274	3,520	1
		30	600	82002275	5,890	1
	AL	60	100	82002276	1,220	1
		60	200	82002277	1,950	1
		60	300	82002278	2,810	1
		60	400	82002279	3,800	1
		60	600	82002280	6,200	1

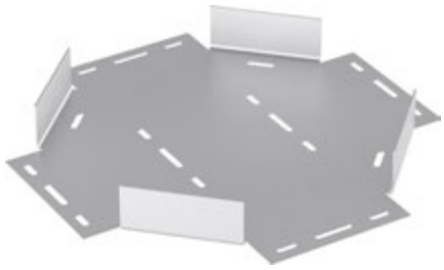
ETIM: EC002401

Bajo pedido, consultar disponibilidad

On request, check availability

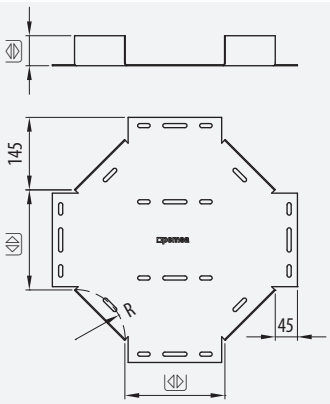
Cruce PQ

PQ Crossover





• 15-30-50-60 • 50-600					
S			Ref	kg/u	
GC	15	100	70233010	1,505	1
	15	150	70233015	2,179	1
	15	200	70233020	2,951	1
	15	300	70233030	4,738	1
	30	100	70233110	1,649	1
	30	150	70233115	2,322	1
	30	200	70233120	3,094	1
	30	300	70233130	4,882	1
	30	400	70233140	6,936	1
	30	500	70233150	9,444	1
	30	600	70233160	12,196	1
	50	100	70233210	1,841	1
	50	150	70233215	2,514	1
	50	200	70233220	3,286	1
	50	300	70233230	5,073	1
	50	400	70233240	7,128	1
	50	500	70233250	9,635	1
	50	600	70233260	12,387	1
	60	100	70233310	1,936	1
	60	150	70233315	2,611	1
	60	200	70233320	3,381	1
	60	300	70233330	5,169	1
	60	400	70233340	7,224	1
	60	500	70233350	9,731	1
	60	600	70233360	12,483	1



GC-R100 / AL-R200

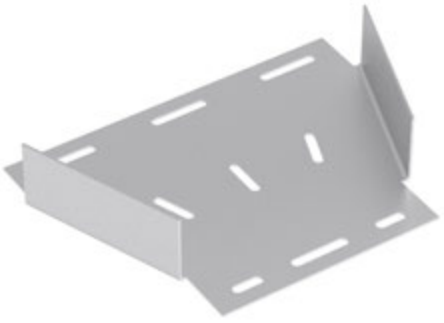
• 15-30-50-60 • 50-600					
S			Ref	kg/u	
AL	30	100	82002251	1,440	1
	30	200	82002252	2,300	1
	30	300	82002253	3,280	1
	30	400	82002254	4,400	1
	30	600	82002255	7,050	1
	60	100	82002256	1,670	1
	60	200	82002257	2,520	1
	60	300	82002258	3,510	1
	60	400	82002259	4,630	1
	60	600	82002260	7,280	1

ETIM: EC001542

Bajo pedido, consultar disponibilidad
On request, check availability

Reducción Central PQ

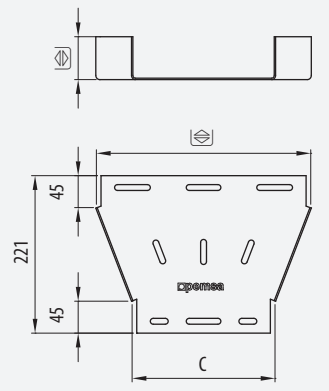
PQ Equal Reducer





• 15-30-50-60 • 50-600						
S			C	Ref	kg/u	
GC	15	300	200	70263030	0,928	1
	30	300	200	70263130	1,001	1
	30	400	300	70263140	1,357	1
	30	500	400	70263150	1,721	1
	30	600	500	70263160	2,083	1
	50	300	200	70263230	1,096	1
	50	400	300	70263240	1,452	1
	50	500	400	70263250	1,816	1
	50	600	500	70263260	2,179	1
	60	300	200	70263330	1,144	1
	60	400	300	70263340	1,501	1
	60	500	400	70263350	1,864	1
	60	600	500	70263360	2,227	1
AL	30	200	100	82002281	0.260	1
	30	300	200	82002282	0.400	1
	30	400	300	82002283	0.550	1
	30	600	400	82002284	0.770	1
	60	200	100	82002285	0.320	1
	60	300	200	82002286	0.460	1
	60	400	300	82002287	0,600	1
	60	600	400	82002288	0,840	1

ETIM: EC001007



Bajo pedido, consultar disponibilidad
On request, check availability

Cambio de Nivel CNC PQ

PQ Inside Riser



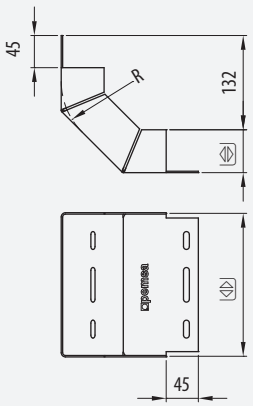
ETIM: EC002400



IEC 61537 CE UK CA CEPSA REPSOL RoHS III

15-30-50-60 • 50-600

S			Ref	kg/u	u
GC	15	100	70243010	0,451	1
	15	150	70243015	0,651	1
	15	200	70243020	0,865	1
	15	300	70243030	1,279	1
	30	100	70243110	0,577	1
	30	150	70243115	0,798	1
	30	200	70243120	1,035	1
	30	300	70243130	1,491	1
	30	400	70243140	1,927	1
	30	500	70243150	2,404	1
	30	600	70243160	2,841	1
	50	100	70243210	0,767	1
	50	150	70243215	1,016	1
	50	200	70243220	1,281	1
	50	300	70243230	1,793	1
	50	400	70243240	2,286	1
	50	500	70243250	2,818	1
	50	600	70243260	3,311	1
	60	100	70243310	0,871	1
	60	150	70243315	1,133	1
	60	200	70243320	1,412	1
	60	300	70243330	1,951	1
	60	400	70243340	2,472	1
	60	500	70243350	3,033	1
	60	600	70243360	3,553	1



GC-R100 / AL-R200

30-60 • 50-600

S			Ref	kg/u	u
AL	30	100	82002348	0,420	1
	30	200	82002349	0,730	1
	30	300	82002350	1,040	1
	30	400	82002351	1,350	1
	30	600	82002352	1,970	1
	60	100	82002353	0,580	1
	60	200	82002354	0,910	1
	60	300	82002355	1,230	1
	60	400	82002356	1,550	1
	60	600	82002357	2,210	1

Bajo pedido, consultar disponibilidad
On request, check availability

Tapa CNC PQ

PQ Inside Riser Cover

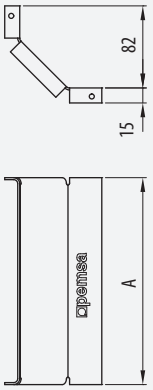


IEC 61537 CE UK CA RoHS III

15-30-50-60 • 50-600

S	A	Ref	kg/u	u
GC	100	70343010	1,778	1
	200	70343020	3,213	1
	300	70343030	3,931	1
	400	70343040	4,649	1

ETIM: EC002402

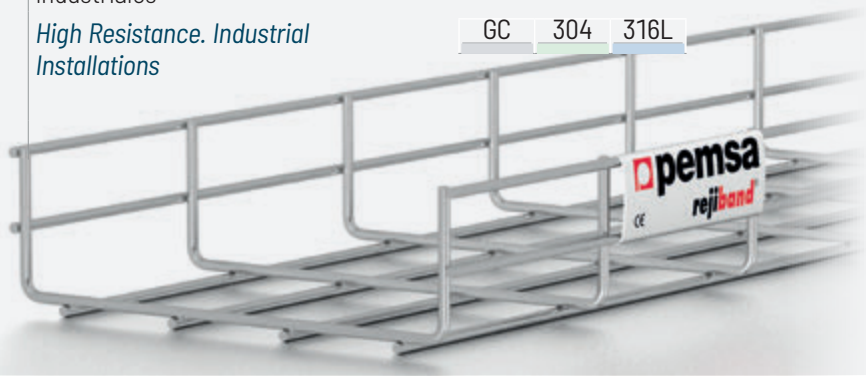


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Alta Resistencia. Instalaciones Industriales

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GC 304 316L

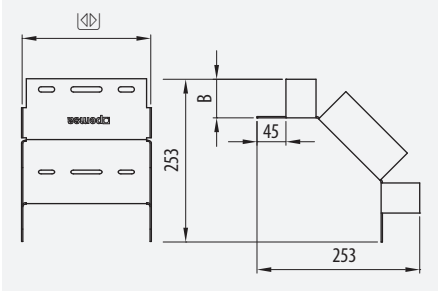


IEC 61537 NVE-1 UL CERTIFIED
<50mΩ E90 AENOR RoHS III

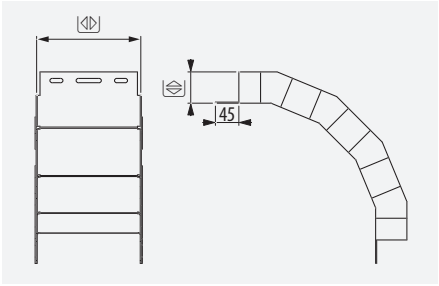
027

Cambio de Nivel CNV PQ

PQ Outside Riser



GC-R100

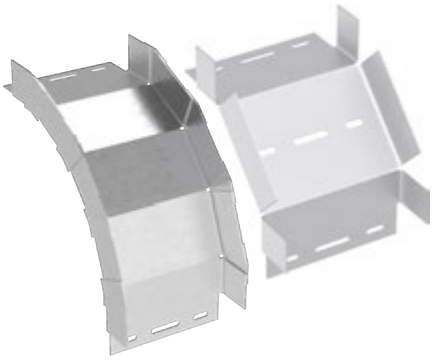


AL-R200



• 15-30-50-60 • 50-600

			Ref	kg/u	u
GC	15	100	70253010	0,757	1
	15	150	70253015	1,082	1
	15	200	70253020	1,421	1
	15	300	70253030	2,084	1
	30	100	70253110	0,848	1
	30	150	70253115	1,151	1
	30	200	70253120	1,471	1
	30	300	70253130	2,091	1
	30	400	70253140	2,692	1
	30	500	70253150	3,333	1
	30	600	70253160	3,934	1
	50	100	70253210	0,928	1
	50	150	70253215	1,203	1
	50	200	70253220	1,494	1
	50	300	70253230	2,058	1
	50	400	70253240	2,604	1
	50	500	70253250	3,189	1
	50	600	70253260	3,734	1
	60	100	70253310	0,951	1
	60	150	70253315	1,212	1
	60	200	70253320	1,489	1
	60	300	70253330	2,025	1
	60	400	70253340	2,542	1
	60	500	70253350	3,099	1
	60	600	70253360	3,615	1



• 30-60 • 50-600

			Ref	kg/u	u
AL	30	100	82002358	0,550	1
	30	200	82002359	0,900	1
	30	300	82002360	1,240	1
	30	400	82002361	1,570	1
	30	600	82002362	2,260	1
	60	100	82002363	0,800	1
	60	200	82002364	1,140	1
	60	300	82002365	1,480	1
	60	400	82002366	1,820	1
	60	600	82002367	2,500	1

ETIM: EC002400

Bajo pedido, consultar disponibilidad
On request, check availability

Tapa CNV PQ

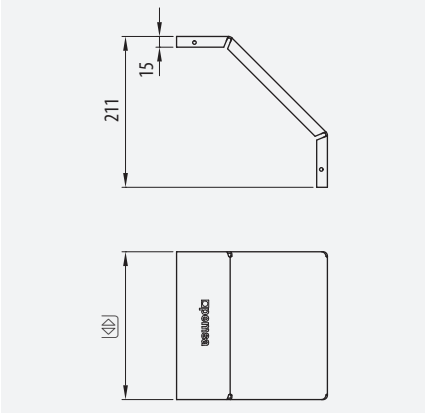
PQ Outside Riser Cover



• 15-30-50-60 • 50-600

		Ref	kg/u	u
GC	100	70353010	1,596	1
	150	70353015	1,596	1
	200	70353020	2,879	1
	300	70353030	4,162	1
	400	70353040	5,445	1

ETIM: EC002402



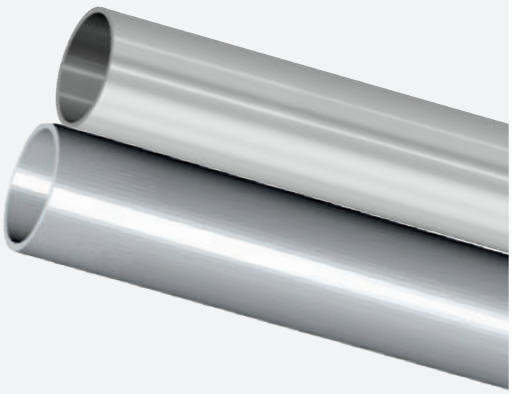
IDEA

RAL - RINOX

AL 304

Tubos Aluminio e Inoxidable
Stainless Steel and Aluminium Conduits

Alta Resistencia a la corrosión
High Corrosion Resistance

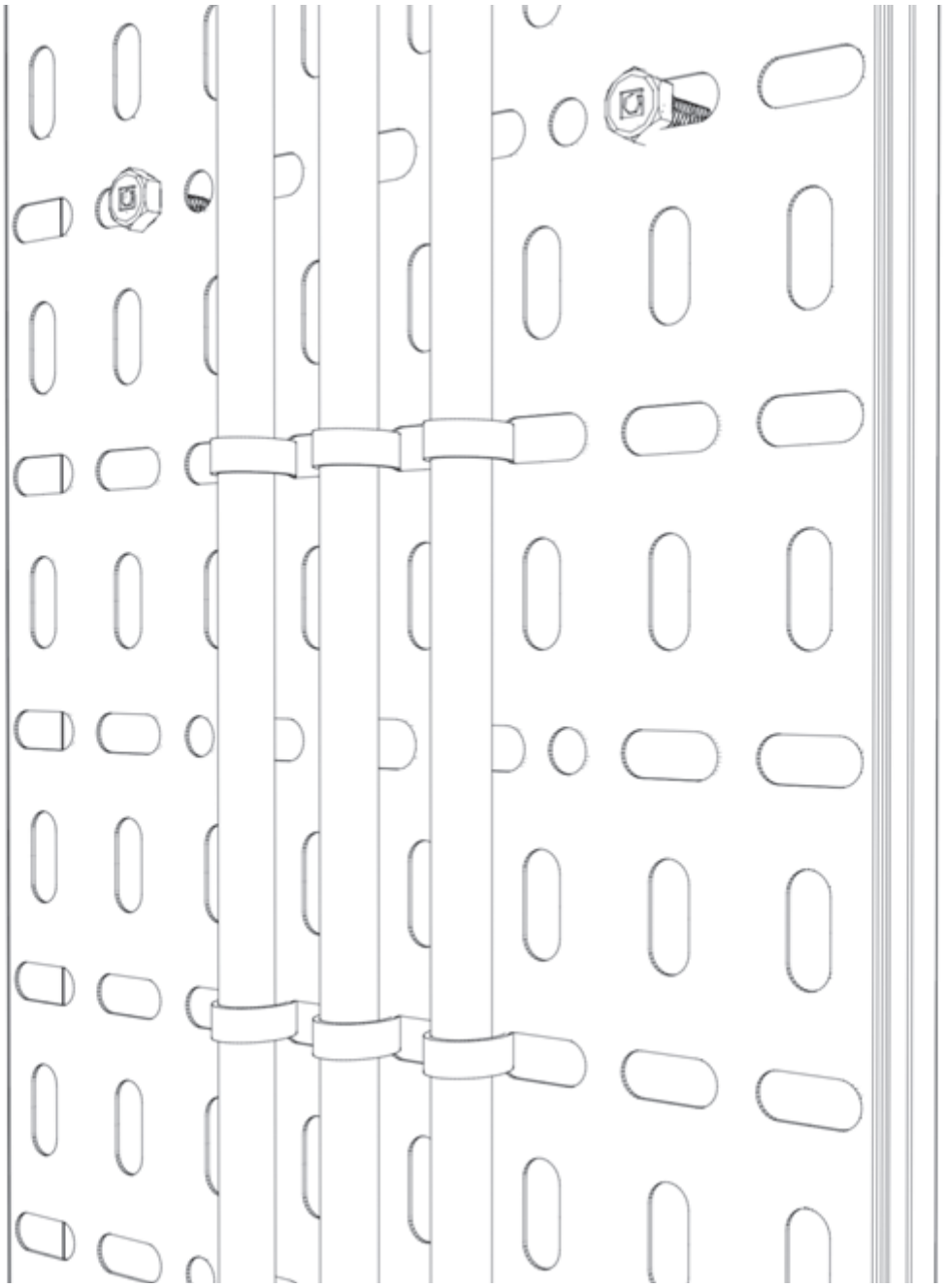


IEC 61386 cod. 4456

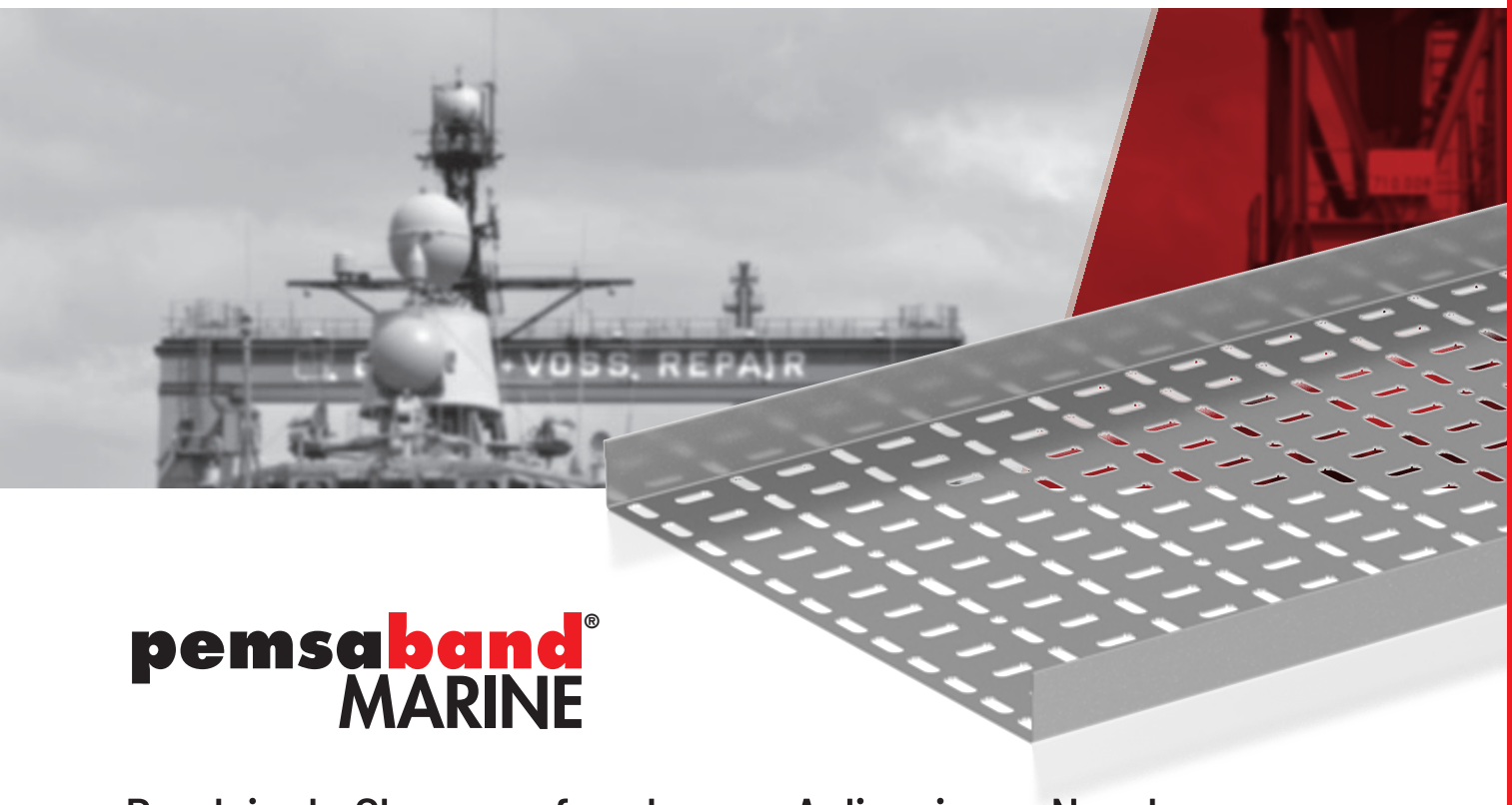
pemsaband® MARINE

Bandeja de Chapa perforada para Aplicaciones Navales

Perforated Cable tray for Marine Applications







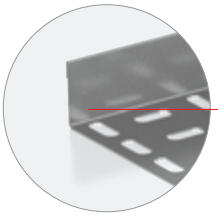
pemsaband MARINE

Bandeja de Chapa perforada para Aplicaciones Navales

Perforated Cable tray for Marine Applications

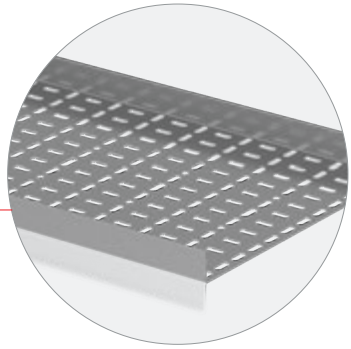
Ventajas y Características / *Advantages and features*

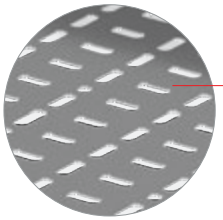
Ala 10, 15, 30 mm para espacios reducidos
10, 15 30 mm height for confined spaces



Amplia gama de medidas
Wide range of sizes

50-600





Multiples perforaciones.
Mejora la fijación de los cables
Multiple perforations.
Increases the fixings for the cables

PG 304

Amplia gama de acabados
Wide range of finishes and coatings

Soluciones de Producto / *Product Solutions*



Industria Naval
Marine Industry



Offshore, Puertos
Offshore, Ports

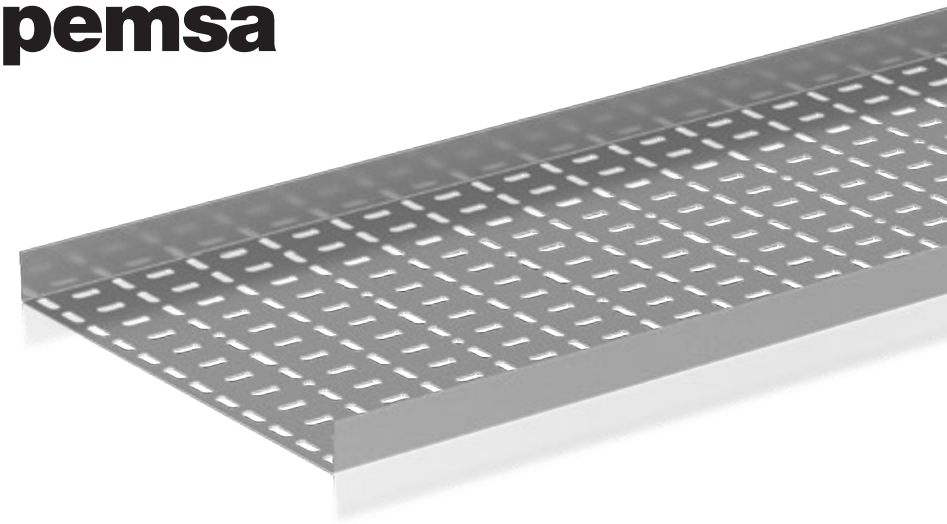
pemsa

pemsaband® MARINE

Bandeja de Chapa perforada para Aplicaciones Navales

Perforated Cable tray for Marine Applications

10, 15, 30 • 50-600 • 2000



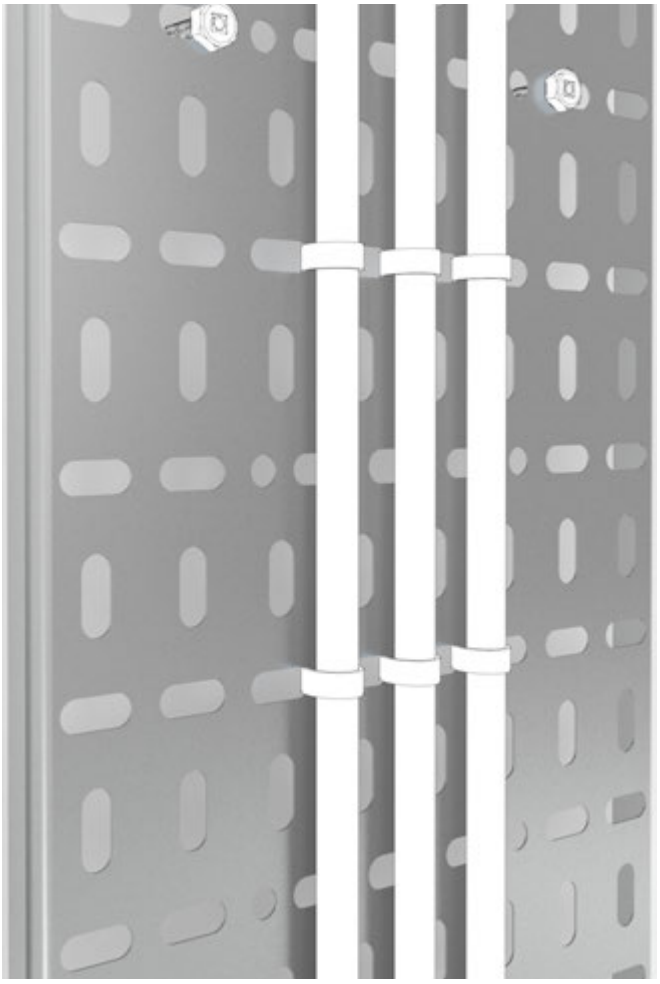
CE IEC 61537 UK CA RoHS III

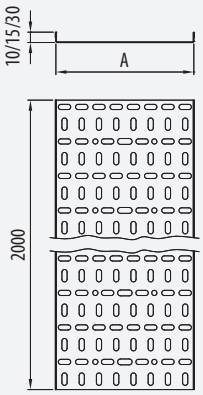
ETIM: EC000047

		PG	304	kg/m	
10	50	76801105	76805105	0,400	16
	80	76801108	76805108	0,560	16
15	100	76801210	76805210	0,670	16
	150	76801215	76805215	0,890	8
	200	76801220	76805220	1,110	8
30	250	76801325	76805325	1,710	4
	300	76801330	76805330	1,960	4
	400	76801340	76805340	2,460	4
	500	76801350	76805350	3,700	4
	600	76801360	76805360	4,330	4

	20J	-50°/ 150°	OK

Hot Dip Galvanised and Stainless steel 316L on request.





Kit Unión pemsaband®

pemsaband® *Joint Kit*



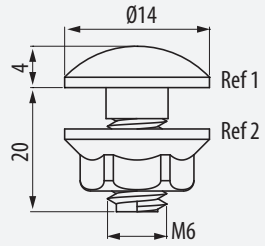
• 10,15,30 • 50-600

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

• 10,15,30 • 50-600

S	M	Ref 1	Ref 2	u
316L	M6x12+M20	67060099	64060059	100

ETIM: EC002935



Tabique Separador Click

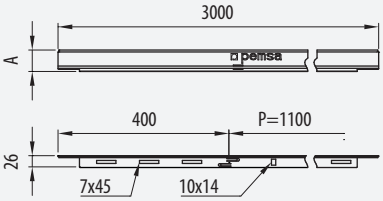
Click Divider



• 35-60-85-100 • 60-600

S	A	Ref	kg/u	u
PG	25	67020610	0,212	60
	50	67020611	0,312	48
	80	67020612	0,444	36
304	25	67050610	0,207	60
	50	67050611	0,305	48
	80	67050612	0,430	36

ETIM: EC001000



Soporte Universal pemsaband®

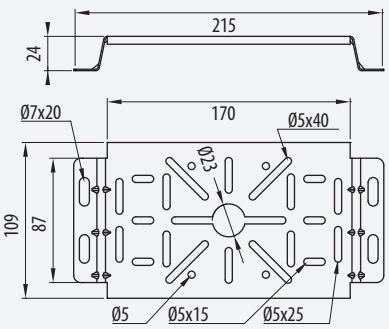
pemsaband® *Universal Bracket*



• 35-60-85-100 • 60-600

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

ETIM: EC000022



Perfil de Protección pemsaband®

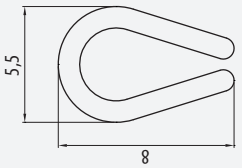
pemsaband® *Profile Protector*



• 35-60-85-100 • 60-600

Ref	kg/u	u
71000000	0,032	25

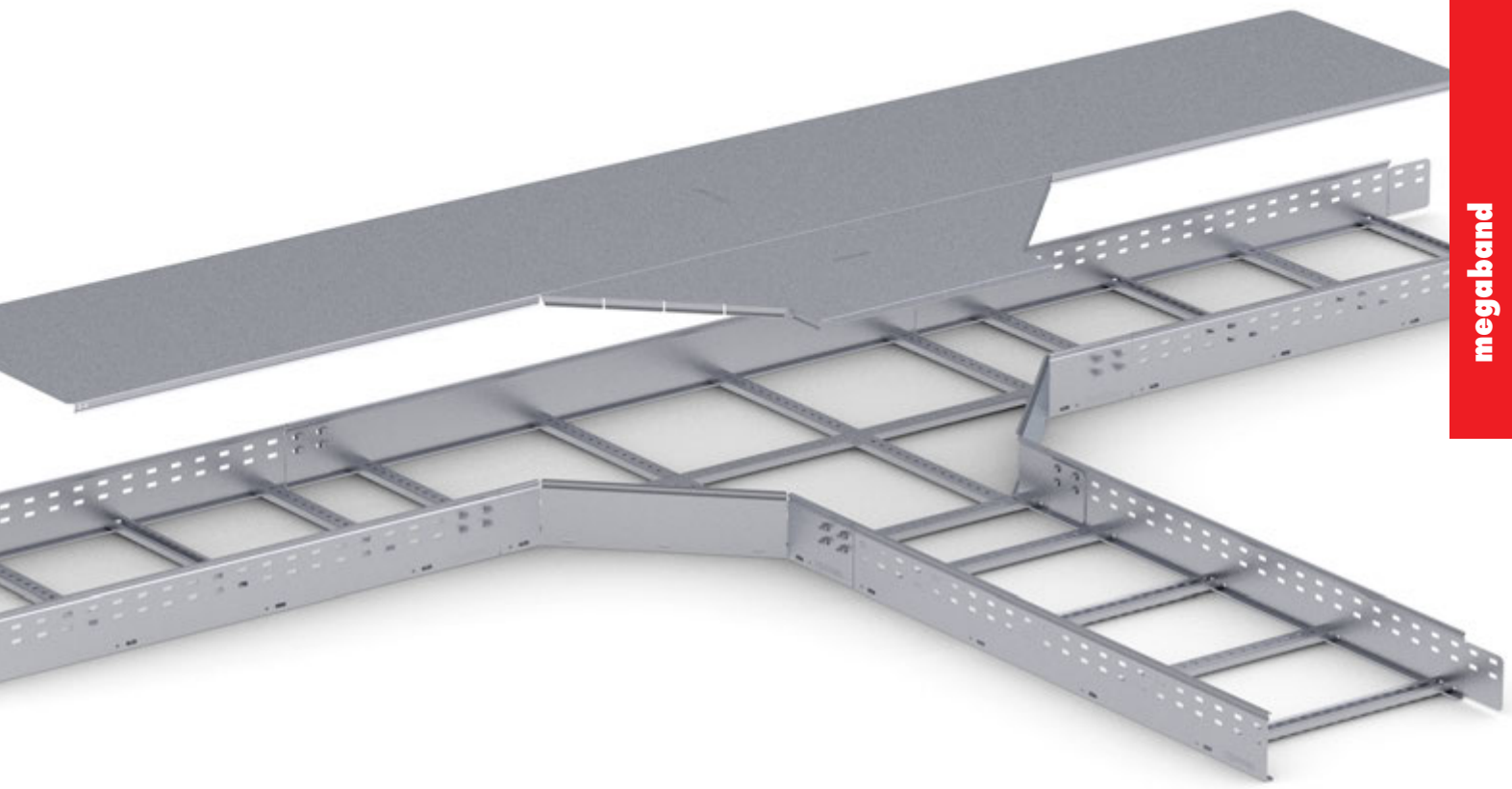
ETIM: EC002935



megaband®

Bandeja de escalera para aplicaciones industriales

Cable ladder for industrial applications

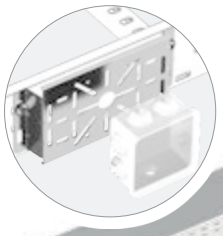


pemsa

megaband®

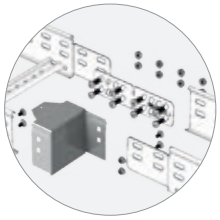
Sistema de Bandejas de Escalera

Cable Ladder System



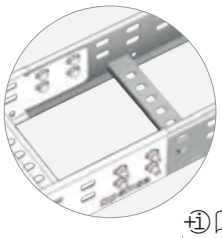
122

Cambio de Nivel CNV
90° Outside Riser
135



137

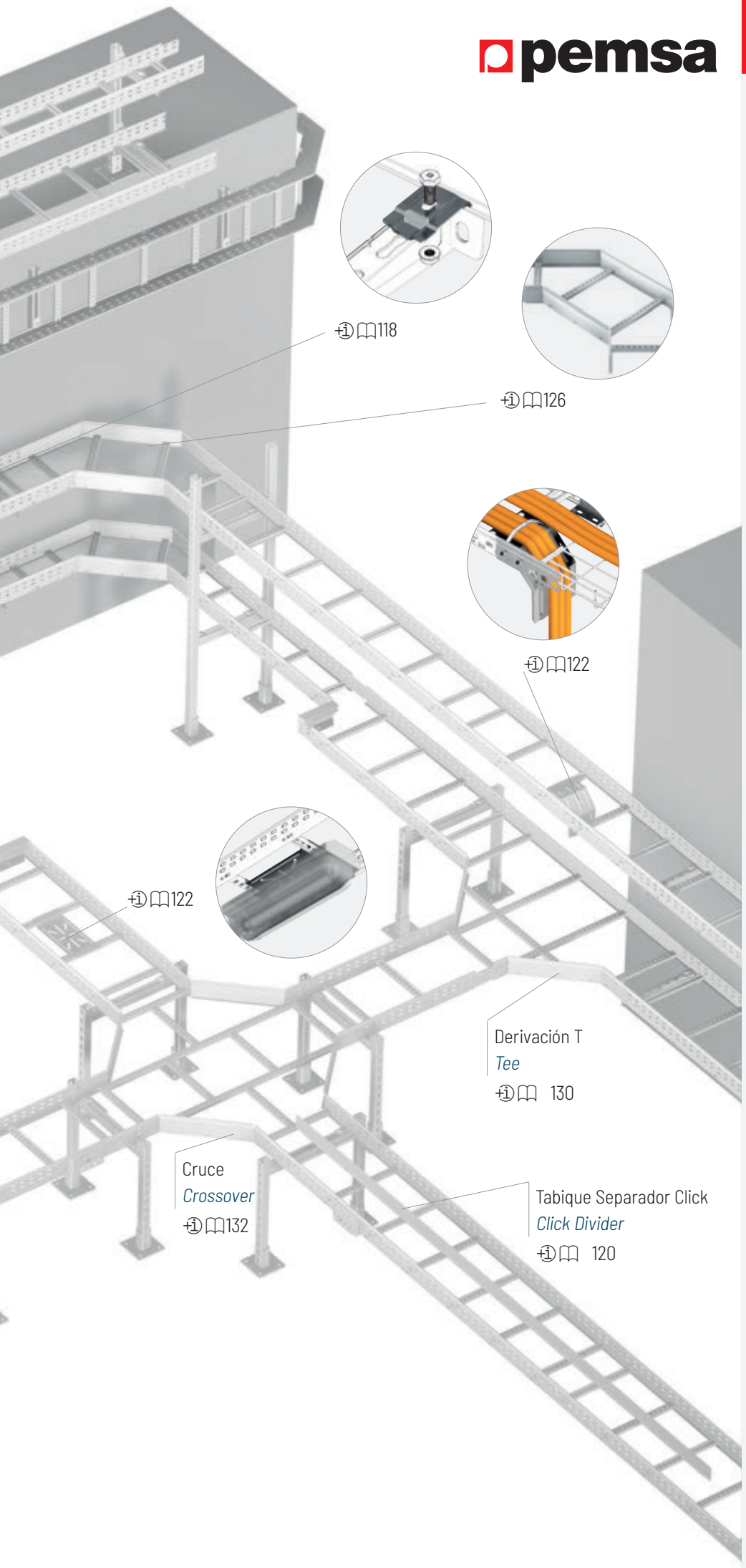
Cambio de Nivel CNC
90° Inside Riser
134



118

Cambio de Nivel
Articulado
Articulated Riser Section
136

megaband®			L	PG	GC	304	316L
	60	100-1000	3000	•	•	•	•
	100	100-1000	3000	•	•	•	•
	120	100-1000	3000	•	•	•	•
	150	100-1000	3000	•	•		



118

126

122

122

Derivación T
Tee
130

Cruce
Crossover
132

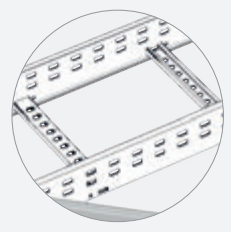
Tabique Separador Click
Click Divider
120

Normas Internacionales:
International Standards:

- Norma internacional de Bandejas *International standard of Cable trays*
- Norma Nema VE-1 *Nema VE-1 Standard*
- Resistencia al fuego *DIN 4102-12 Fire Resistance*
- Marcado N AENOR IEC 61537 *AENOR N Mark IEC 61537*
- RoHS 2011/65/EU *WEEE 2012/19/UE*
- ISO 9001 IQNET
- Producto patentado *Patented product*
- London Underground



Sistema Click de unión rápida
Quick Click Joint System



Travesaños alternos
Alternate reversed rungs



Borde de seguridad
Safety edge



megaband®

Bandejas de Escalera para entornos industriales

Cable ladder for industrial applications

Ventajas y Características / *Advantages and features*



Sistema con unión rápida

Quick click joint system

CE UK CA RoHS III

PG GC 304 316L

Amplia gama de acabados

Wide range of finishes and coatings





Sistema Click de unión rápida en accesorios

Quick click joint system on lengths & accessories

Borde de seguridad. Protege y fortalece la bandeja

Safety edge. Protects and strengthens the cable ladder

Soluciones de Producto / *Product Solutions*



Básica de Transformación

Processing Industry



Industria Alimentaria

Food Industry



Edificación Terciario

Building Tertiary



Industria Petroquímica

Petrochemical Industry



Offshore, Puertos

Offshore, Ports



Industria Naval

Marine Industry



IT/Centros de Proceso de Datos

IT/Data Centers



Tratamiento de Agua

Water Treatment



IT/Centro Proceso Datos

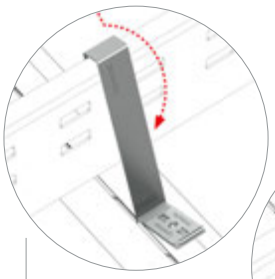
IT/Data Centers

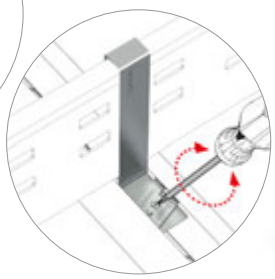


Energías Renovables

Renewable Energies

Novedades *News*

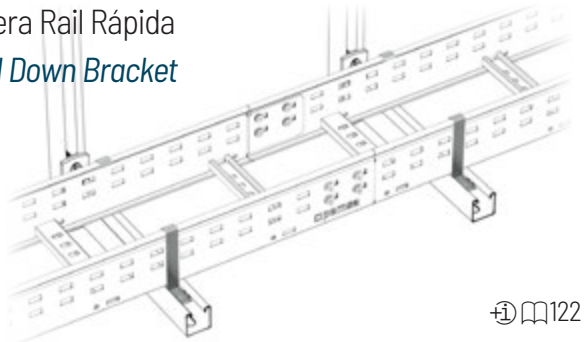




Sólo 2 pasos
Only 2 steps



Abrazadera Rail Rápida
Fast Hold Down Bracket



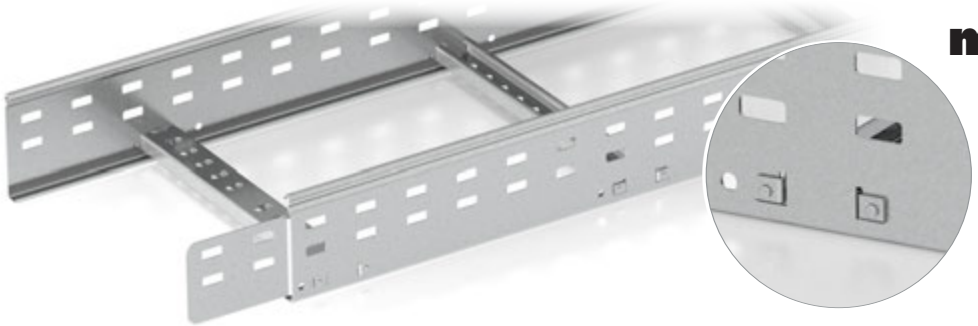
+1 📖122

Conexión rápida sin tornillos a estructuras de railes
Quick connection without screws to channel and strut



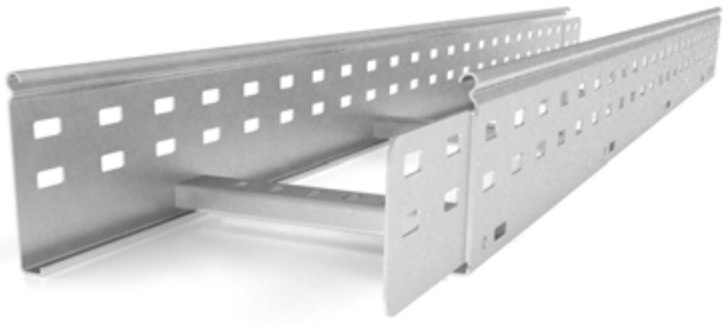
Suspensión Central
Central Suspension





megaband® PG

Galvanizado Sendzimir.
Nuevo acabado para instalaciones en interior.
Pre-Galvanised.
New finish for inside installations



megaband® 150

Nueva ala.
Mayor capacidad de carga
New height.
Load capacity increased

+1 📖116



megaband®

INOX - Stainless Steel

Alta Resistencia
High Resistance

+1 📖114

pemsa

megaband®

60 100

Bandeja de escalera para grandes cargas

Medium duty cable ladder

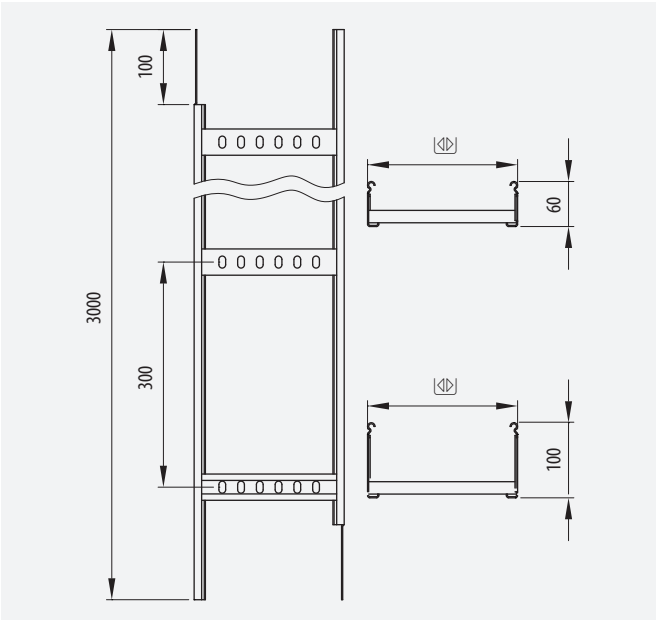
60, 100 • 100-900 • 3000

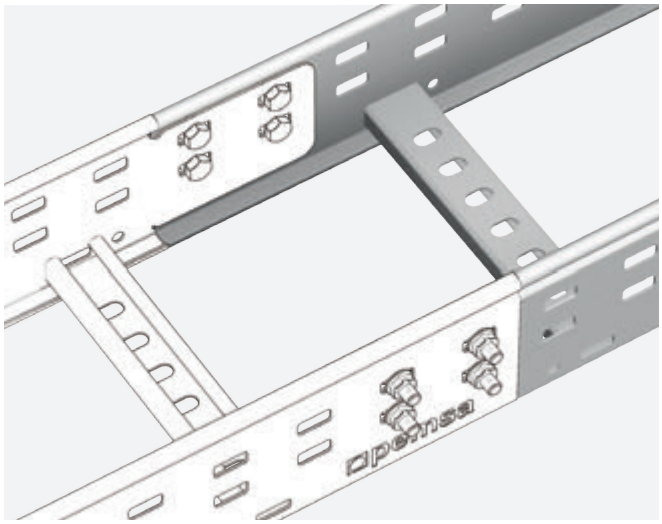
ETIM: EC000854



		PG	GC	304	316L	kg/m	
60	100	92012100	92032100	92052100	92062100	2,336	3
	150	92012150	92032150	92052150	92062150	2,484	3
	200	92012200	92032200	92052200	92062200	2,636	3
	300	92012300	92032300	92052300	92062300	2,935	3
	400	92012400	92032400	92052400	92062400	3,234	3
	450	92012450	92032450	92052450	92062450	3,385	3
	500	92012500	92032500	92052500	92062500	4,144	3
	600	92012600	92032600	92052600	92062600	4,443	3
100	100	92014100	92034100	92054100	92064100	3,287	3
	150	92014150	92034150	92054150	92064150	3,435	3
	200	92014200	92034200	92054200	92064200	3,586	3
	300	92014300	92034300	92054300	92064300	3,885	3
	400	92014400	92034400	92054400	92064400	4,184	3
	450	92014450	92034450	92054450	92064450	4,336	3
	500	92014500	92034500	92054500	92064500	5,285	3
	600	92014600	92034600	92054600	92064600	5,584	3
	750	92014750	92034750	92054750	92064750	6,714	3
	900	92014900	92034900	92054900	92064900	7,298	3
Kit megaband®		67010065 + 67020095	67030094	67060065 + 67060062	67060065 + 67060062	118	

Bajo pedido, consultar disponibilidad
On request, check availability





megaband®

60 100

Datos técnicos

Technical data

Ensayos de carga de trabajo admisible CTA para instalaciones horizontales

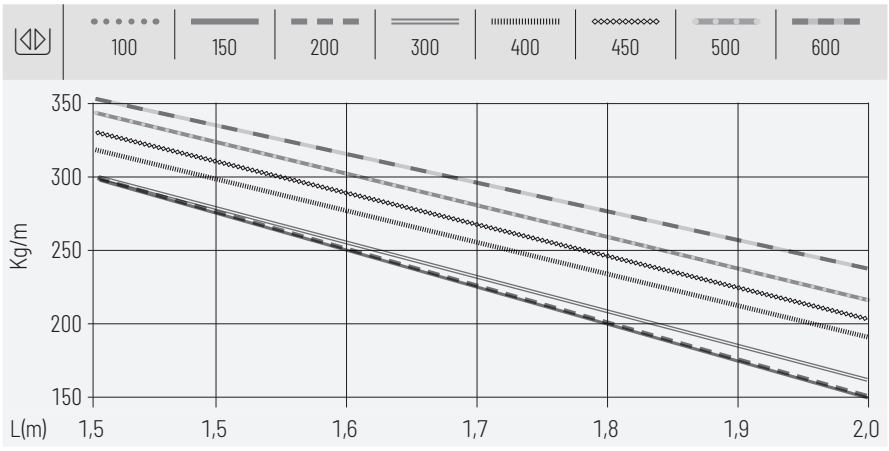
Valores obtenidos según la norma IEC 61537 edición 3, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso. La unión de los tramos de bandejas debe estar situada a una distancia del apoyo de entre L/4 y L/5, siendo L la distancia entre apoyos.

Safety working load tests (SWL) for horizontal installations

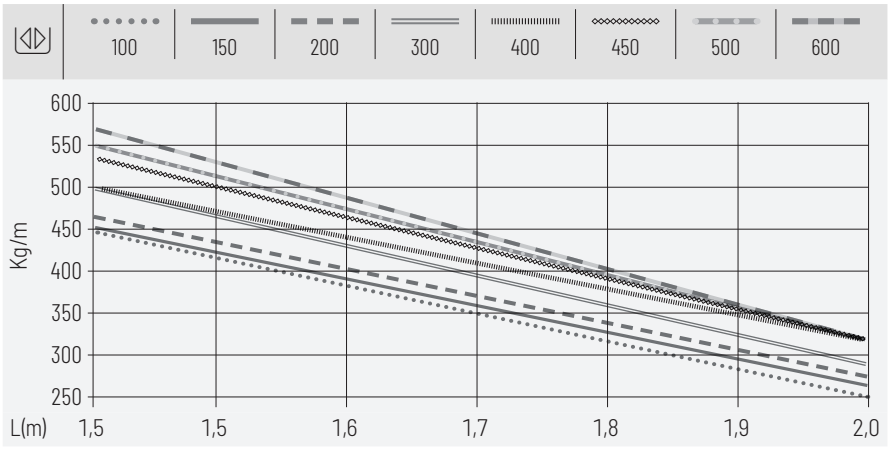
Values obtained according to the IEC 61537 standard, edition 3, with a safety coefficient of 170% without ever reaching the collapse point. Tray section joints be situated at a support distance of between L/4 and L/5, L being the distance between supports.



mm	mm	mm2
60	100	3.478
	150	5.378
	200	7.278
	300	11.078
	400	14.878
	450	16.778
	500	18.678
	600	22.478



mm	mm	mm2
100	100	7.318
	150	11.118
	200	15.118
	300	22.918
	400	30.718
	450	34.518
	500	38.518
	600	46.318
	750	57.918
	900	69.718



pemsa

megaband®

120 150

Bandeja de escalera para grandes cargas

Heavy duty cable ladder

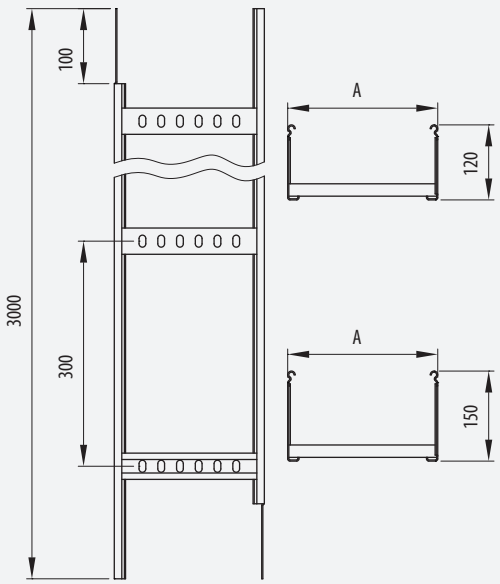
120, 150 • 100-900 • 3000



ETIM: EC000854

		PG	GC	304	316L	kg/m	
120	100	92015100	92035100	92055100	92065100	3,806	3
	150	92015150	92035150	92055150	92065150	3,954	3
	200	92015200	92035200	92055200	92065200	4,105	3
	300	92015300	92035300	92055300	92065300	4,405	3
	400	92015400	92035400	92055400	92065400	4,704	3
	450	92015450	92035450	92055450	92065450	4,855	3
	500	92015500	92035500	92055500	92065500	5,962	3
	600	92015600	92035600	92055600	92065600	6,261	3
	750	92015750	92035750	92055750	92065750	7,391	3
	900	92015900	92035900	92055900	92065900	7,975	3
150	100	92016100	92036100	92056100	92066100	4,568	3
	150	92016150	92036150	92056150	92066150	4,720	3
	200	92016200	92036200	92056200	92066200	4,874	3
	300	92016300	92036300	92056300	92066300	5,179	3
	400	92016400	92036400	92056400	92066400	5,499	3
	450	92016450	92036450	92056450	92066450	5,650	3
	500	92016500	92036500	92056500	92066500	7,066	3
	600	92016600	92036600	92056600	92066600	7,372	3
	750	92016750	92036750	92056750	92066750	8,421	3
	900	92016900	92036900	92056900	92066900	8,998	3
Kit megaband®		67010065 + 67020095	67030094	67060065 + 67060062	67060065 + 67060062	118	

Bajo pedido, consultar disponibilidad
On request, check availability



megaband® 120

megaband® 150

megaband®

120 150

Datos técnicos

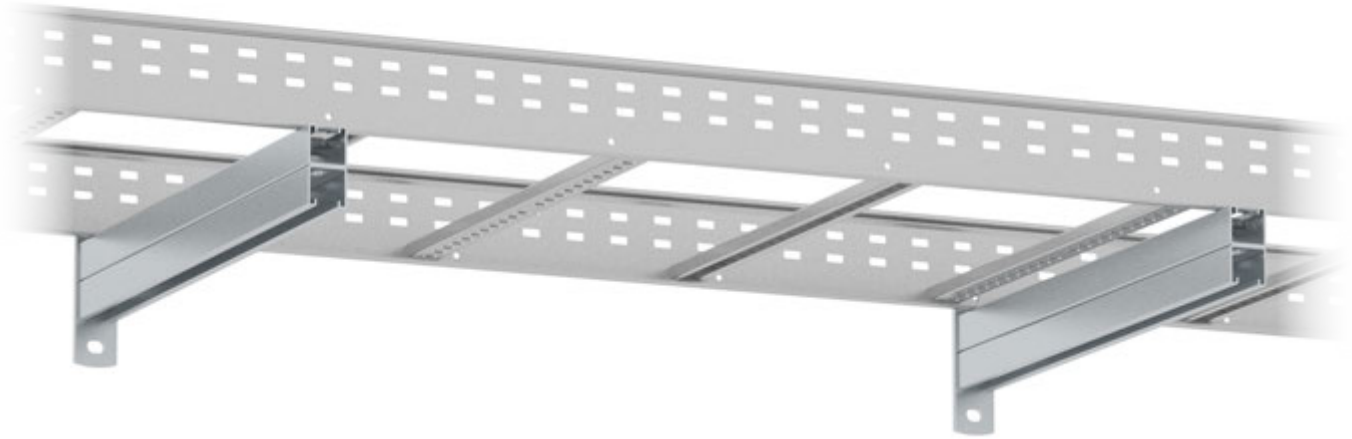
Technical data

Ensayos de carga de trabajo admisible CTA para instalaciones horizontales

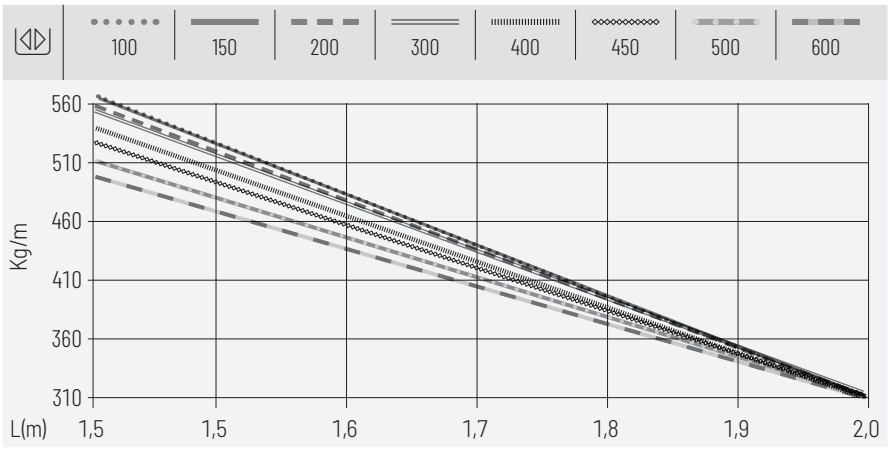
Valores obtenidos según la norma IEC 61537 edición 3, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso. La unión de los tramos de bandejas debe estar situada a una distancia del apoyo de entre L/4 y L/5, siendo L la distancia entre apoyos.

Safety working load tests (SWL) for horizontal installations

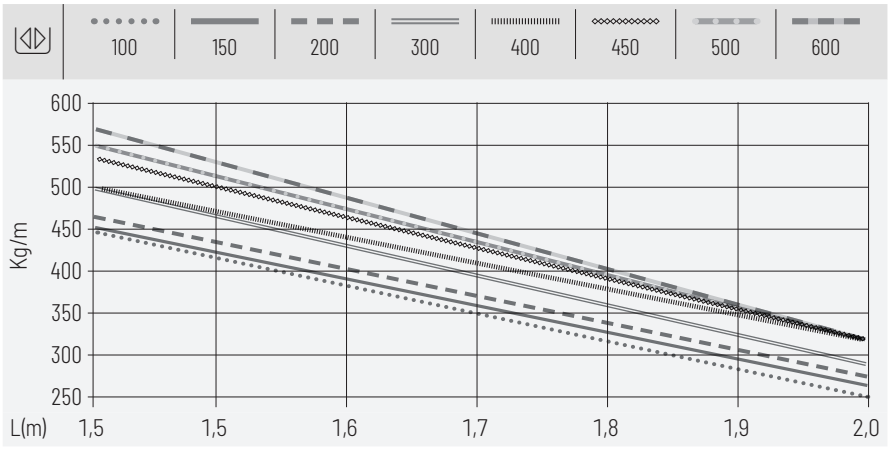
Values obtained according to the IEC 61537 standard, edition 3, with a safety coefficient of 170% without ever reaching the collapse point. Tray section joints be situated at a support distance of between L/4 and L/5, L being the distance between supports.



mm	mm	mm²
120	100	9.238
	150	14.138
	200	19.038
	300	28.838
	400	38.638
	450	43.538
	500	48.438
	600	58.238
	750	72.938
	900	87.638

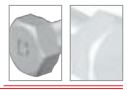


mm	mm	mm²
150	100	12.028
	150	18.453
	200	24.878
	300	37.728
	400	50.578
	450	57.003
	500	63.428
	600	76.278
	750	95.553
	900	114.828



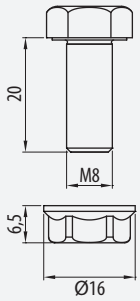
Kit Unión
Joint Kit



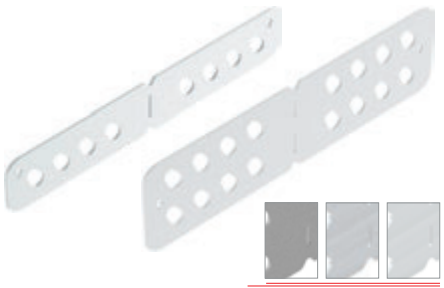


• 60-150 • 100-1000				
GC	M8x20+M8	67030094	0,018	100

• 60-150 • 100-600				
S		Ref 1	Ref 2	u
EZ	M8x20+M8	67010065	67020095	100
316L	M8x20+M8	67060065	67060062	100

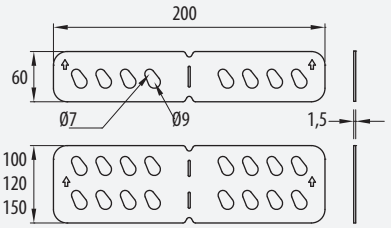


Unión Recta
Coupler



• 60-150 • 100-1000				
S	A	Ref	kg/u	u
EZ	60	93910002	0,076	50
	100-150	93910003	0,113	20
GC	60	93930002	0,078	50
	100-150	93930003	0,115	20
304	60	93950002	0,075	50
	100-150	93950003	0,112	20
316L	60	93960002	0,075	50
	100-150	93960003	0,112	20

ETIM: EC002413

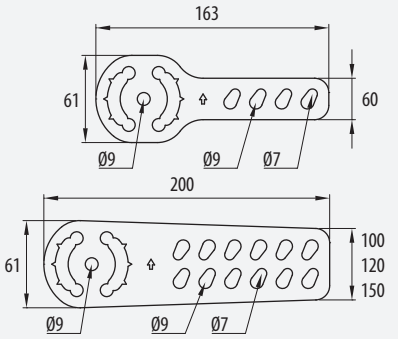


Bisagra megaband®
Riser/Dropper megaband®



• 60-150 • 100-1000				
S	A	Ref	kg/u	u
EZ	60	93910012	0,057	8
	100-150	93910013	0,102	8
GC	60	93930012	0,061	8
	100-150	93930013	0,108	8
304	60	93950012	0,057	8
	100-150	93950013	0,100	8
316L	60	93960012	0,057	8
	100-150	93960013	0,100	8

ETIM: EC002413

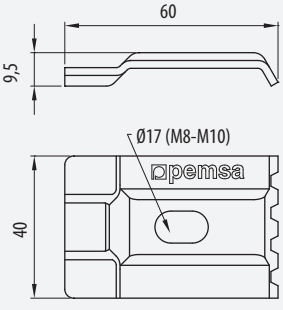


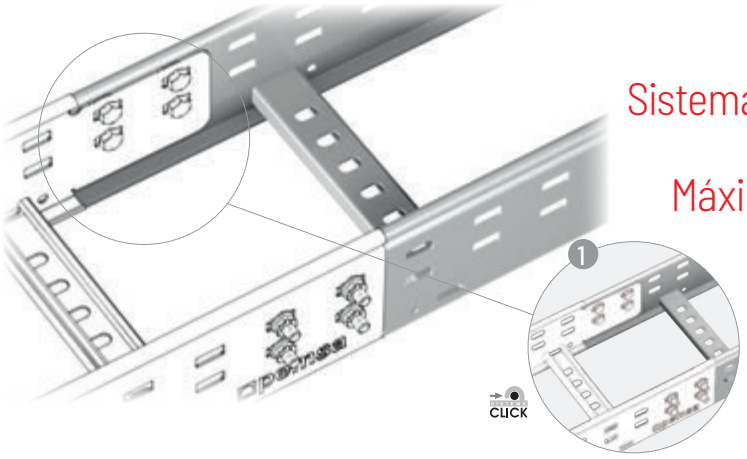
Fijación
Hold Down Clamp



• 60-150 • 100-1000			
S	Ref	kg/u	u
PG	93910021	0,043	50
GC	93930021	0,044	50
304	93950021	0,043	50
316L	93960021	0,043	50

ETIM: EC000482

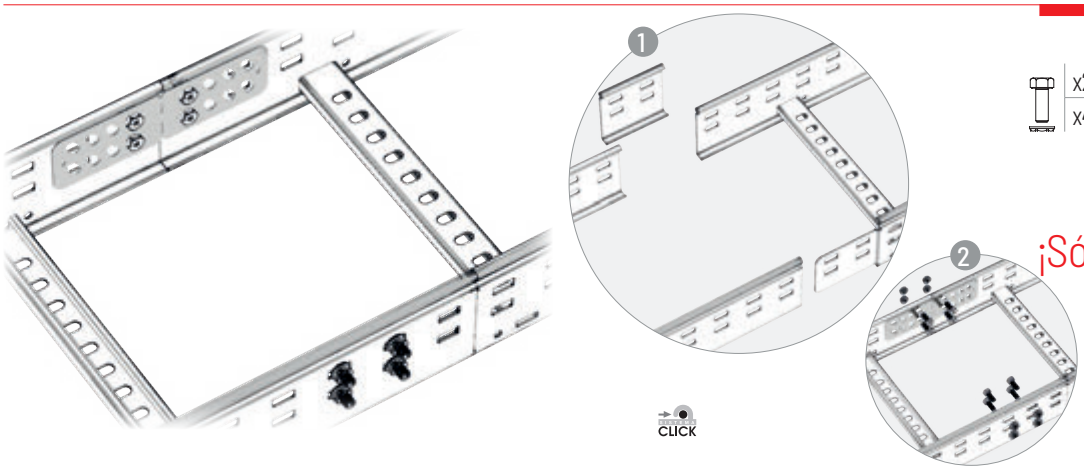




x4	60	118
x8	100 / 120	M8x20

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

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

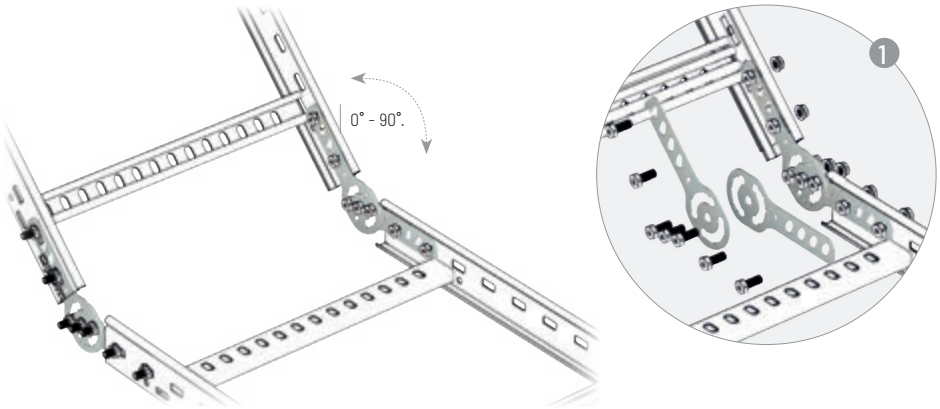


x2	60	118
x4	100 / 120	M8x20

	x
	1

¡Sólo una unión!

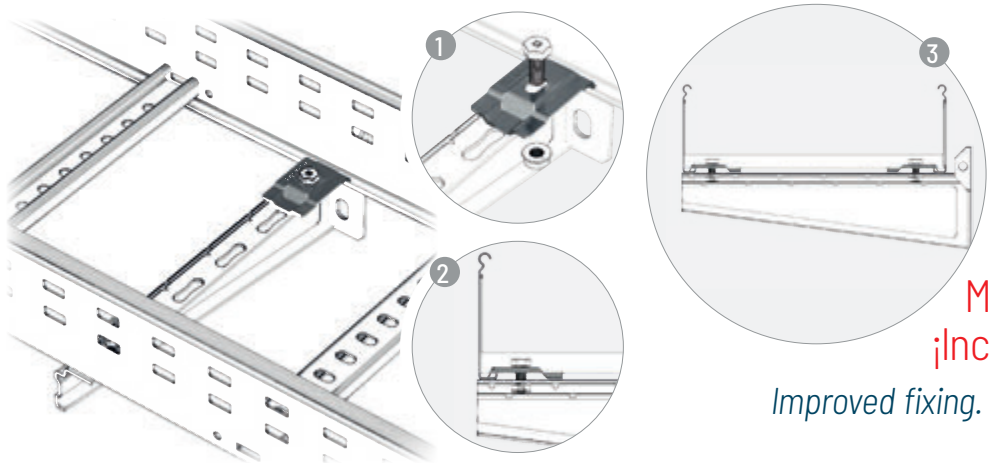
Only one Joint



4+3+4	60	118
8+3+8	100 / 120	M8x20

Ángulo Variable
¡0°-90°!

Adjustable Angle 0°-90°



100-150	1	1	118
200-600	2	2	M8x20

Mejora la fijación.
¡Incrementa cargas!

Improved fixing. Increased loads

Tapa Recta
Straight Cover

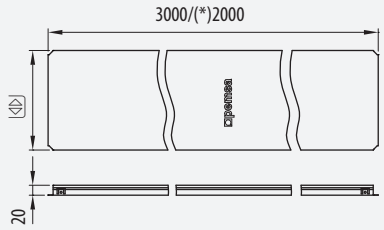




• 60-150 • 100-1000

S		Ref	kg/u	m
PG	100	73021100	0,646	24
	150	73021150	0,882	12
	200	73021200	1,118	12
	300	73021300	1,854	6
	400	73021400	2,404	6
	450	73021450	3,063	6
	500	73021500	3,377	6
	600	73021600	4,006	6
	750	73021750	5,030	4
	900	73021900	5,980	4
GC	100	73031100	0,770	24
	150	73031150	1,063	12
	200	73031200	1,349	12
	300	73031300	2,184	6
	400	73031400	2,828	6
	450	73031450	3,556	6
	500	73031500	3,913	6
	600	73031600	4,642	6
	700	73031700	5,379	6
	750	73031750	5,802	4
	900	73031900	6,913	4

Bajo pedido, consultar disponibilidad
On request, check availability



• 60-600

S	A	Ref	kg/u	u
304	100	73051100	0,536	24
	150	73051150	0,732	12
	200	73051200	0,940	12
	300	73051300	1,333	6
	400	73051400	2,056	6
	500	73051500	2,532	6
	600	73051600	3,495	6
316L	100	73061100	0,536	24
	150	73061150	0,732	12
	200	73061200	0,940	12
	300	73061300	1,333	6
	400	73061400	2,056	6
	500	73061500	2,532	6
	600	73061600	3,495	6

ETIM: EC002403

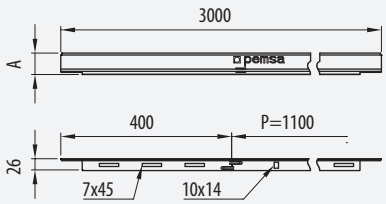
Tabique Separador Click
Click Divider





• 60-150 • 100-1000

S		A	Ref	kg/u	u
PG	60	25	67020611	0,312	60
	85	50	67020612	0,444	48
	120-150	80	67020612	0,444	36
GC	60	25	67030611	0,384	60
	85	50	67030612	0,541	48
	120-150	80	67030612	0,541	36
304	60	25	67050610	0,207	60
	85	50	67050611	0,305	48
	120	80	67050612	0,430	36

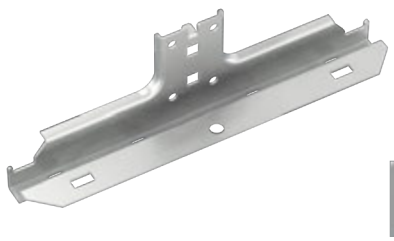


• 60-150 • 100-1000

S		A	Ref	kg/u	u
316L	60	25	67060611	0,305	60
	85	50	67060612	0,430	48
	120	80	67060612	0,430	36

ETIM: EC001000

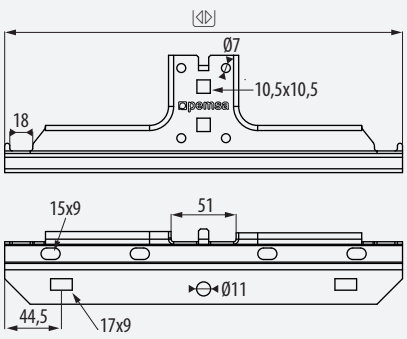
Suspensión Central **megaband®**
megaband® *Central Suspension*

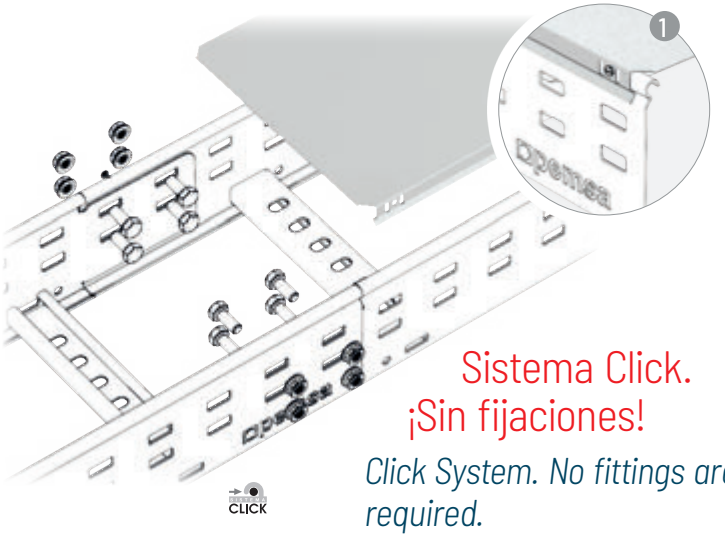




• 60-150 • 100-1000

S		Ref	kg/u	m
PG	150	82004210	0,262	4
	200	82004212	0,340	4
	300	82004213	0,492	4
	400	82004214	0,646	4
	500	82004215	0,802	4
	600	82004216	0,955	4
GC	150	82004217	0,275	4
	200	82004218	0,357	4
	300	82004219	0,518	4
	400	82004220	0,679	4
	500	82004221	0,843	4
	600	82004222	1,000	4





Sistema Click. ¡Sin fijaciones!

Click System. No fittings are required.

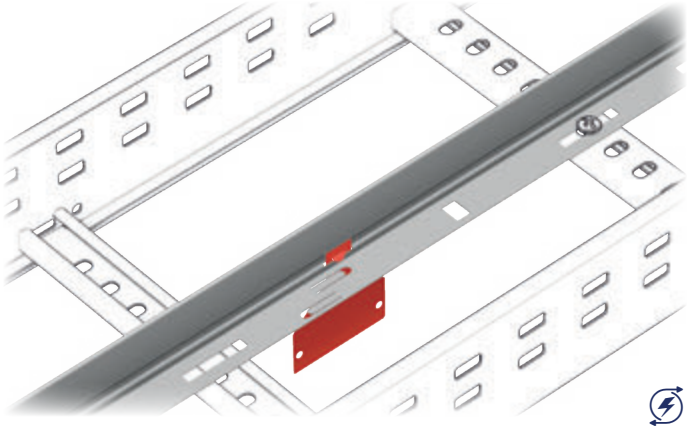


¡Fijación vertical segura!

Safe vertical installation

Compatible con:

Compatible with: **rejiband® pemsaband® megaband®**





M6x30 67030093 252

¡Fácil organización de cables!

Easy cable management

	↓CTA↓ (kg)
150	400
200	410
300	420
400	440
500	460
600	480



megaband

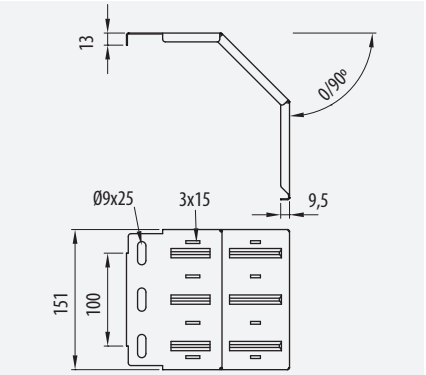
Salida de Cables
Cable Outlet



• 60-150 • 200-1000

	Ref	kg/u	
GC	93930004	0,417	1

ETIM: EC002407



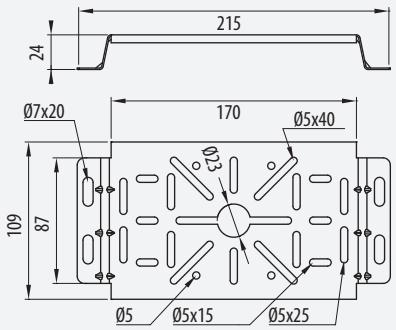
Soporte Cajas
Universal Bracket



• 60-150 • 100-1000

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

ETIM: EC000022



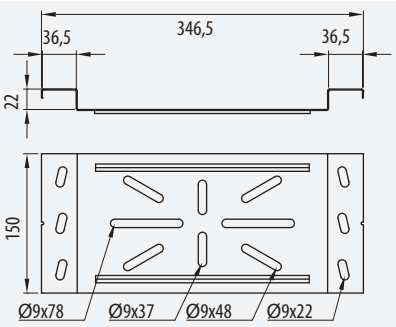
Soporte Universal
Luminaire and Box Support



• 60-150 • 200-1000

	Ref	kg/u	
GC	93930005	0,497	5

ETIM: EC000022



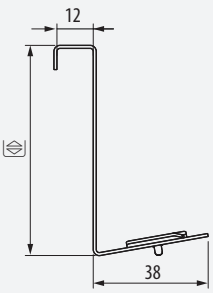
Abrazadera Rail Rápida megaband®
Fast Hold Down Bracket megaband®



• 60 • 100-150

	A	Ref	kg/u	
GC	35	81000253	0,019	10
	60	81000254	0,023	10
	100	81000256	0,029	10
	120	81000257	0,036	10
	150	81000258	0,041	10

ETIM: EC001005



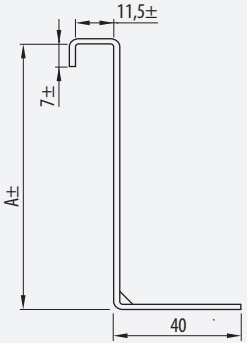
Abrazadera megaband®
Hold Down Brackets megaband®

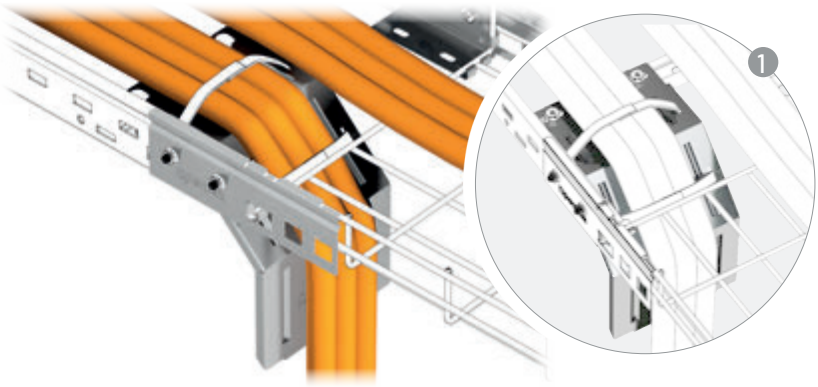


• 60-150 • 100-1000

	A	Ref	kg/u	
GC	60	93930022	0,070	10
	100	93930024	0,096	10
	120	93930025	0,109	10

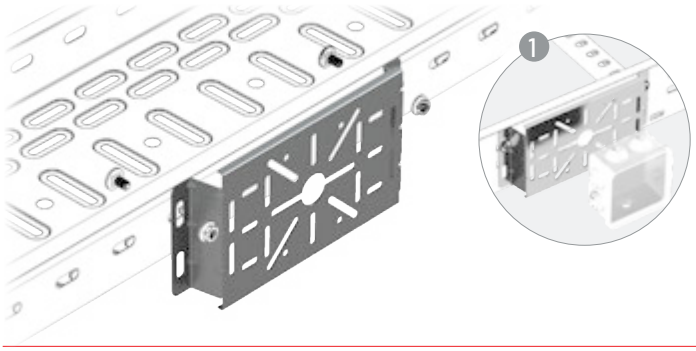
ETIM: EC000483





+ x2 118

Imprescindible.
¡Garantiza la curvatura!
Essential. Guarantees the curve



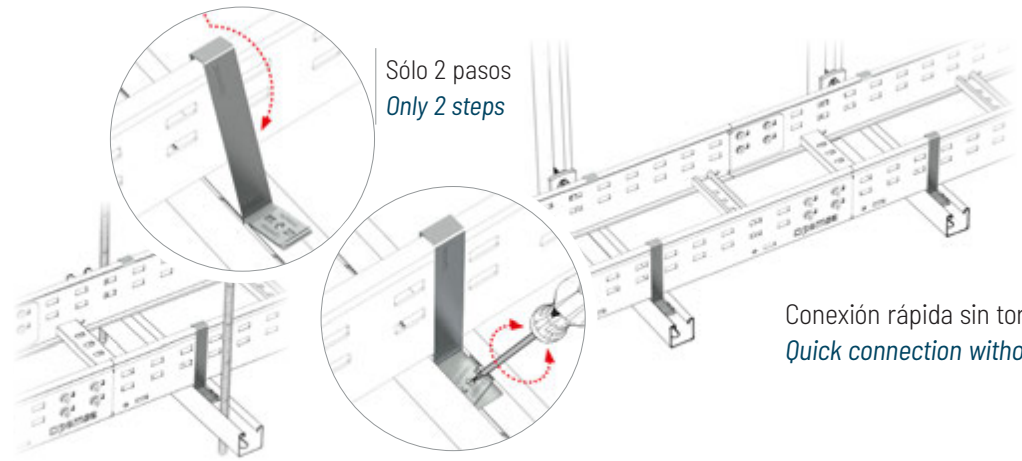
M6x20 x2 252

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

Versatile.
Fixing of:
- *Boxes*
- *Luminaires*
- *CCTV*
- *Routers, etc*



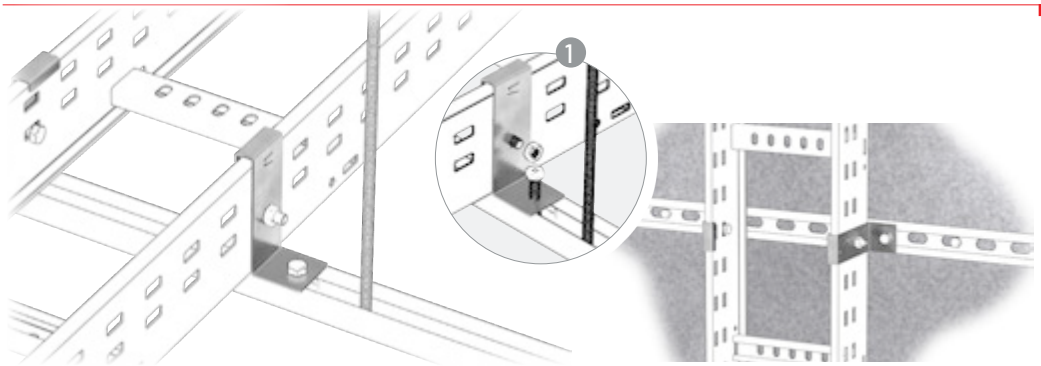
+ M8x35 x4 118



Sólo 2 pasos
Only 2 steps

Abrazadera Rail Rápida
Fast Hold Down Bracket

Conexión rápida sin tornillos a estructuras de railes
Quick connection without screws to channel and strut



x2 118

x1 122

NEW

megaband

pemsa

Tuerca Raíl megaband®

Plain Channel Nut megaband®

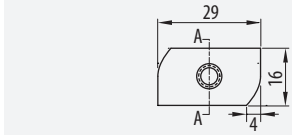




• 60-150 • 100-1000

S	M	Ref	kg/u	u
EZ	M8	67010072	0,031	100
	M6	67030071	0,031	100
GC	M8	67030072	0,031	100
316L	M8	67060071	0,031	100
	M10	67060072	0,031	100

ETIM: EC000482



Derivación Empalme

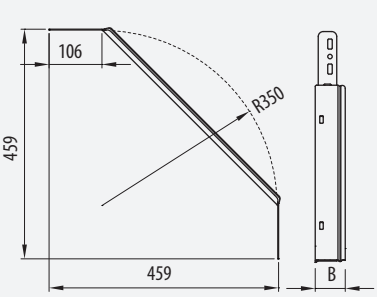
Side Connector



• 60-120 • 60-1000

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

ETIM: EC002935



Abrazadera Cables

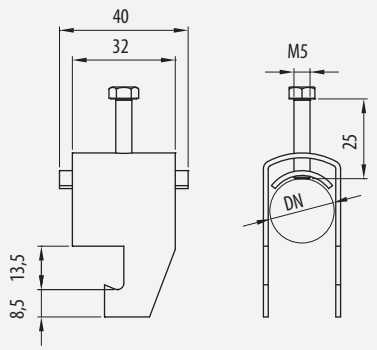
Metal Cable Clamp



• 60-150 • 100-1000

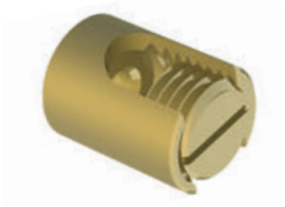
S	A	Ref	kg/u	u
GC	DN10	93930110	0,042	1
	DN15	93930115	0,048	1
	DN20	93930120	0,062	1
	DN25	93930125	0,073	1
	DN32	93930132	0,085	1
	DN40	93930140	0,099	1
	DN45	93930145	0,110	1
	DN50	93930150	0,161	1
	DN60	93930160	0,185	1
	DN70	93930170	0,211	1
	DN80	93930180	0,243	1
	DN90	93930190	0,277	1

ETIM: EC002935



Borna Equipotencialidad

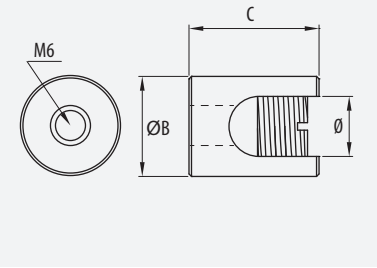
Bonding Connector



• 60-150 • 100-1000

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

ETIM: EC002935



Conector Trenzado

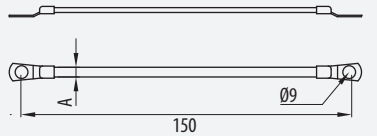
Earth Continuity Connector

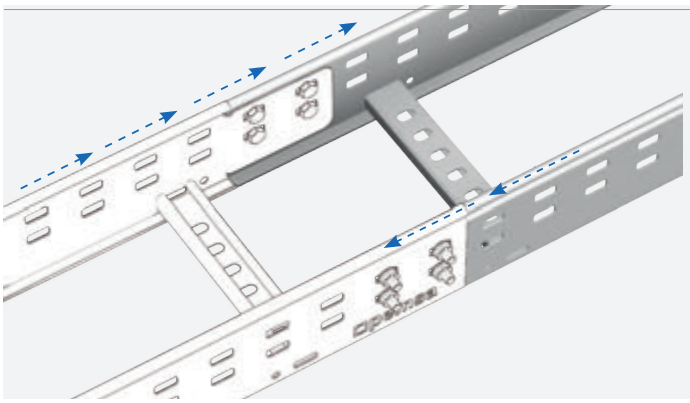


• 60-150 • 100-1000

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

ETIM: EC002935





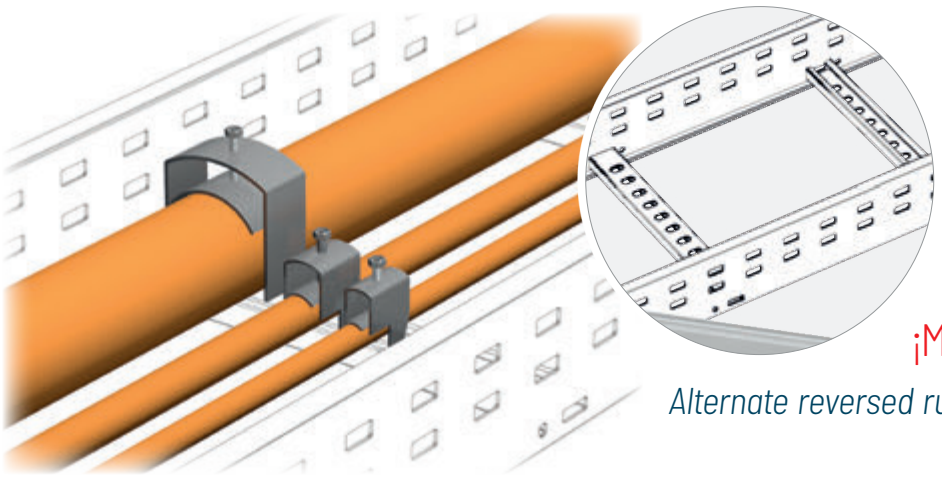
IDEA

Continuidad eléctrica conforme con:
Electrical Continuity acc. to:

<50mΩ

IEC 61537

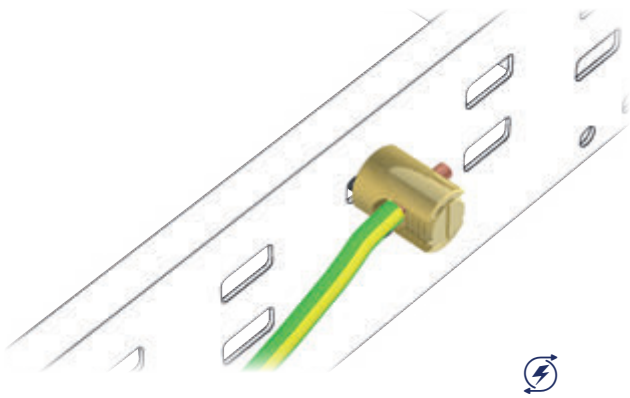
274

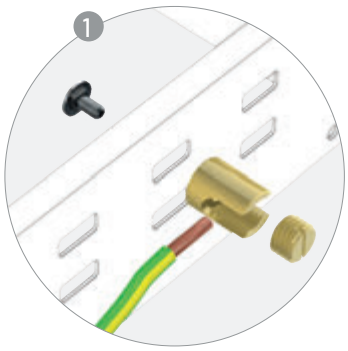


CLICK

Travesaños alternos. ¡Más opciones de fijación!

Alternate reversed rungs. Increased fixing options.

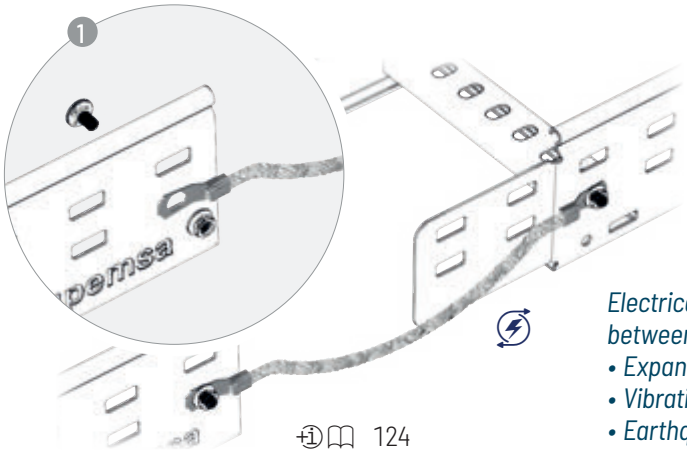




x 1

252

Consultar Ejemplos de Conexión Equipotencial
Consult Examples of Equipotential Bonding



124

Asegura la Continuidad Electrica en discontinuidades de bandeja debido a:

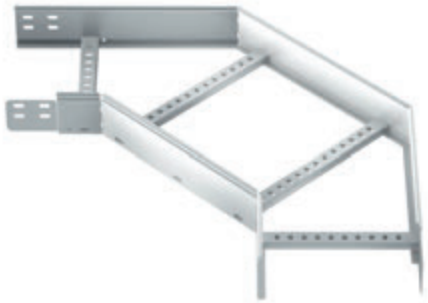
- Dilataciones
- Vibraciones
- Requerimientos Sísmicos

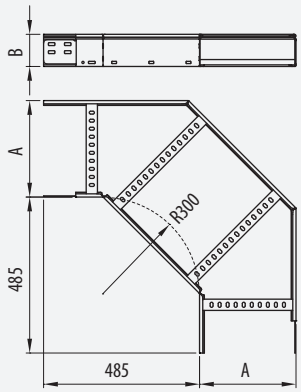
Electrical Continuity guaranteed on disconnections between trays due to:

- *Expansions*
- *Vibrations*
- *Earthquake requirements*

Curva 90°

90° Bend





ETIM: EC002399



		PG	GC	304	316L	kg/u	u
60	100	93012100	93032100	93052100	93062100	2,150	1
	150	93012150	93032150	93052150	93062150	2,360	1
	200	93012200	93032200	93052200	93062200	2,590	1
	300	93012300	93032300	93052300	93062300	3,390	1
	400	93012400	93032400	93052400	93062400	3,920	1
	450	93012450	93032450	93052450	93062450	4,200	1
	500	93012500	93032500	93052500	93062500	4,450	1
	600	93012600	93032600	93052600	93062600	4,990	1
100	100	93014100	93034100	93054100	93064100	3,050	1
	150	93014150	93034150	93054150	93064150	3,320	1
	200	93014200	93034200	93054200	93064200	3,580	1
	300	93014300	93034300	93054300	93064300	4,460	1
	400	93014400	93034400	93054400	93064400	5,080	1
	450	93014450	93034450	93054450	93064450	5,400	1
	500	93014500	93034500	93054500	93064500	5,690	1
	600	93014600	93034600	93054600	93064600	6,310	1
	750	93014750	93034750	93054750	93064750	9,950	1
	900	93014900	93034900	93054900	93064900	11,172	1
120	100	93015100	93035100	93055100	93065100	3,300	1
	150	93015150	93035150	93055150	93065150	3,580	1
	200	93015200	93035200	93055200	93065200	3,840	1
	300	93015300	93035300	93055300	93065300	4,710	1
	400	93015400	93035400	93055400	93065400	5,320	1
	450	93015450	93035450	93055450	93065450	5,650	1
	500	93015500	93035500	93055500	93065500	5,940	1
	600	93015600	93035600	93055600	93065600	6,560	1
	750	93015750	93035750	93055750	93065750	10,936	1
	900	93015900	93035900	93055900	93065900	12,243	1
150	100	93016100	93036100	93056100	93066100	4,210	1
	150	93016150	93036150	93056150	93066150	4,520	1
	200	93016200	93036200	93056200	93066200	4,840	1
	300	93016300	93036300	93056300	93066300	5,820	1
	400	93016400	93036400	93056400	93066400	6,540	1
	450	93016450	93036450	93056450	93066450	6,920	1
	500	93016500	93036500	93056500	93066500	8,870	1
	600	93016600	93036600	93056600	93066600	9,690	1
	750	93016750	93036750	93056750	93066750	11,800	1
	900	93016900	93036900	93056900	93066900	13,673	1

Bajo pedido, consultar disponibilidad
On request, check availability

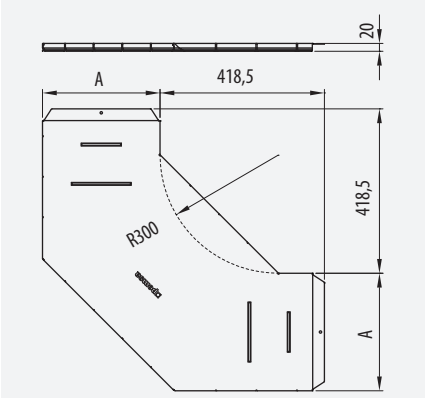
Tapa Curva 90°

90° Bend Cover

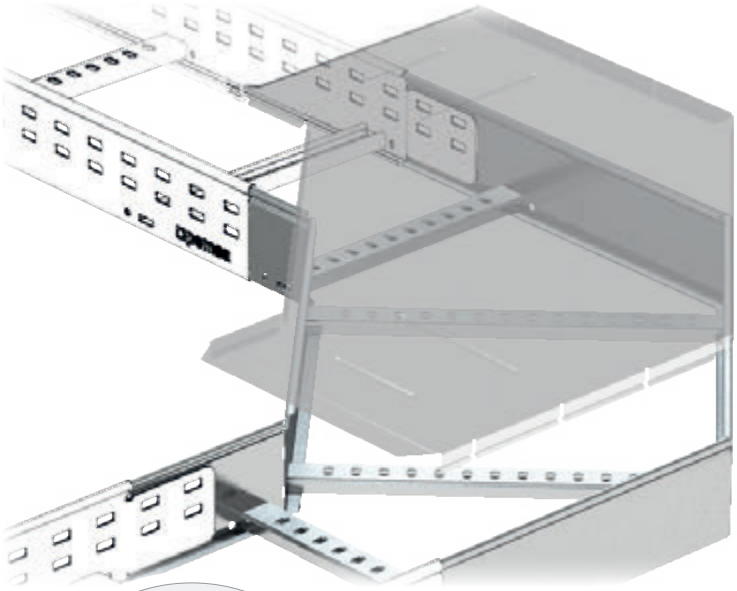


• 60-150 • 100-1000

	A	Ref	kg/u	u
GC	100	94030100	0,869	1
	150	94030150	1,170	1
	200	94030200	1,420	1
	300	94030300	2,230	1
	400	94030400	3,070	1
	450	94030450	3,530	1
	500	94030500	4,530	1
	600	94030600	5,820	1
	750	94030750	7,820	1
	900	94030900	10,100	1



ETIM: EC001569



x 8 118

CLICK

100 - 500

1 u.

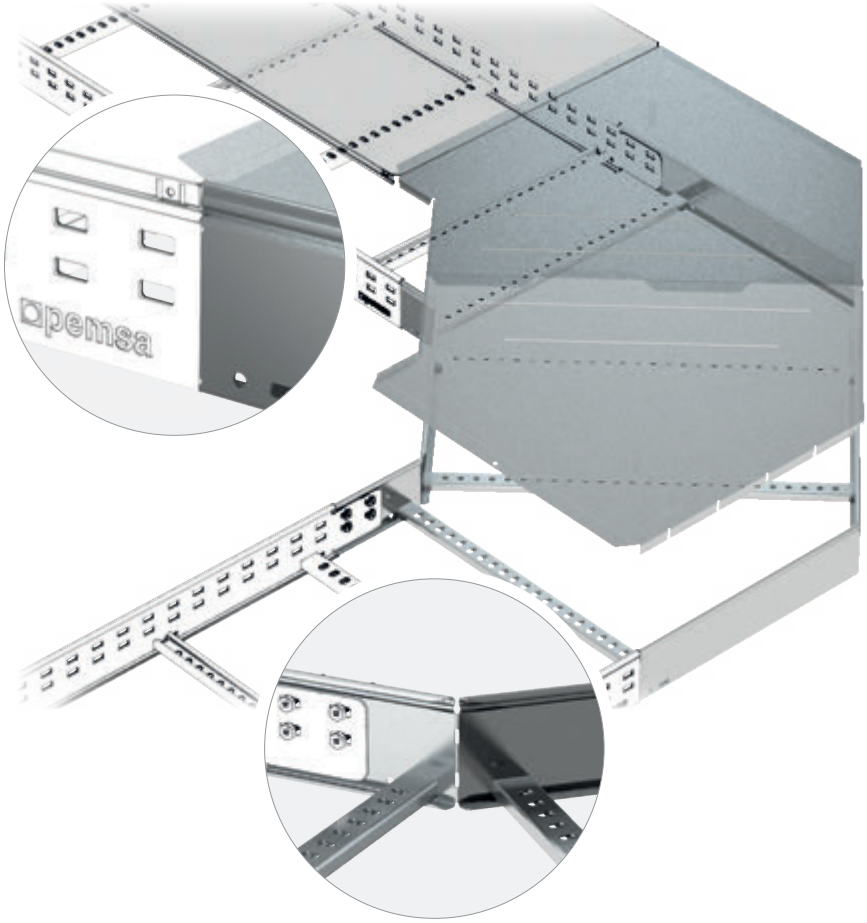


Sistema Click.
¡Sin uniones!

Click System.
No Couplers needed

600 - 1000

2 u.



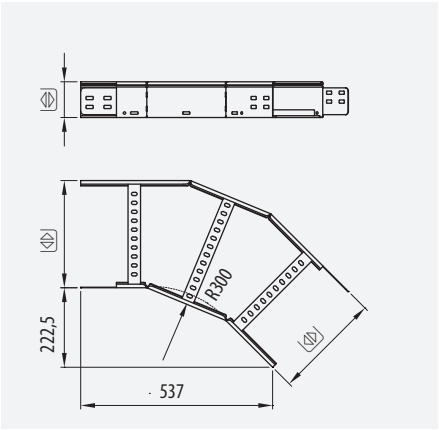
Borde Seguridad.
¡Protege los cables!

Safety Edge.
Protects the cables

Curva 45°

45° Bend





		PG	GC	304	316L	kg/u	u
60	100	93712100	93732100	93752100	93762100	1,543	1
	150	93712150	93732150	93752150	93762150	1,722	1
	200	93712200	93732200	93752200	93762200	1,901	1
	300	93712300	93732300	93752300	93762300	2,258	1
	400	93712400	93732400	93752400	93762400	2,613	1
	450	93712450	93732450	93752450	93762450	2,792	1
	500	93712500	93732500	93752500	93762500	3,450	1
	600	93712600	93732600	93752600	93762600	3,831	1
100	100	93714100	93734100	93754100	93764100	2,204	1
	150	93714150	93734150	93754150	93764150	2,402	1
	200	93714200	93734200	93754200	93764200	2,603	1
	300	93714300	93734300	93754300	93764300	3,000	1
	400	93714400	93734400	93754400	93764400	3,397	1
	450	93714450	93734450	93754450	93764450	3,597	1
	500	93714500	93734500	93754500	93764500	4,524	1
	600	93714600	93734600	93754600	93764600	4,961	1
	750	93714750	93734750	93754750	93764750	6,234	1
	900	93714900	93734900	93754900	93764900	7,015	1
120	100	93715100	93735100	93755100	93765100	2,544	1
	150	93715150	93735150	93755150	93765150	2,753	1
	200	93715200	93735200	93755200	93765200	2,963	1
	300	93715300	93735300	93755300	93765300	3,382	1
	400	93715400	93735400	93755400	93765400	3,800	1
	450	93715450	93735450	93755450	93765450	4,009	1
	500	93715500	93735500	93755500	93765500	5,075	1
	600	93715600	93735600	93755600	93765600	5,538	1
	750	93715750	93735750	93755750	93765750	6,853	1
	900	93715900	93735900	93755900	93765900	7,673	1
150	100	93716100	93736100	93756100	93766100	2,970	1
	150	93716150	93736150	93756150	93766150	3,180	1
	200	93716200	93736200	93756200	93766200	3,420	1
	300	93716300	93736300	93756300	93766300	3,860	1
	400	93716400	93736400	93756400	93766400	4,300	1
	450	93716450	93736450	93756450	93766450	4,530	1
	500	93716500	93736500	93756500	93766500	5,760	1
	600	93716600	93736600	93756600	93766600	6,260	1
	750	93716750	93736750	93756750	93766750	7,010	1
	900	93716900	93736900	93756900	93766900	7,750	1

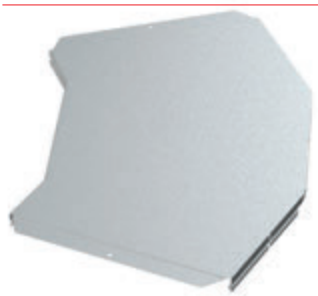
Bajo pedido, consultar disponibilidad / *On request, check availability*

ETIM: EC002399



Tapa Curva 45°

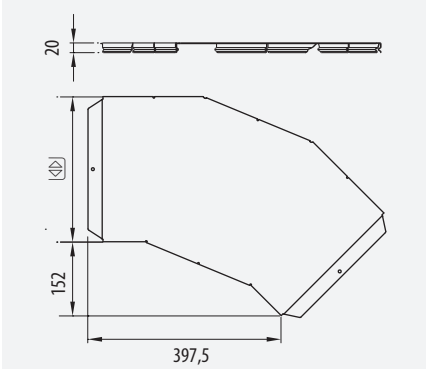
45° Bend Cover

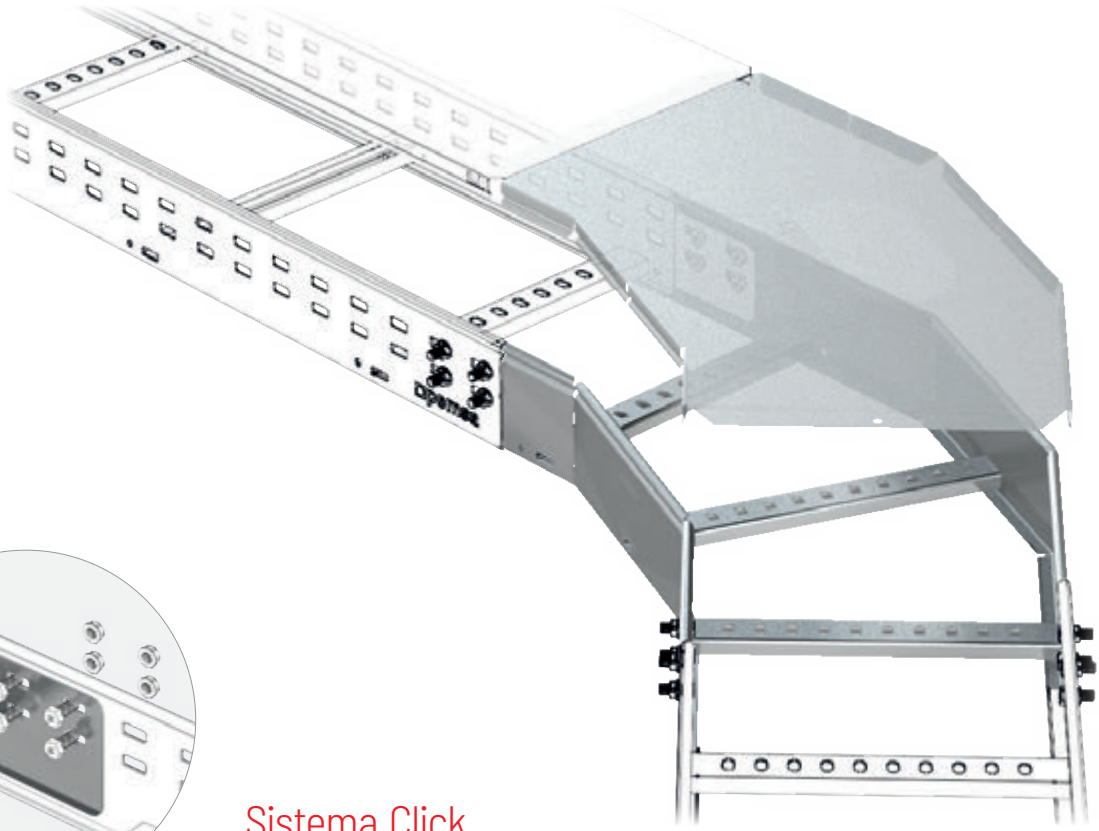


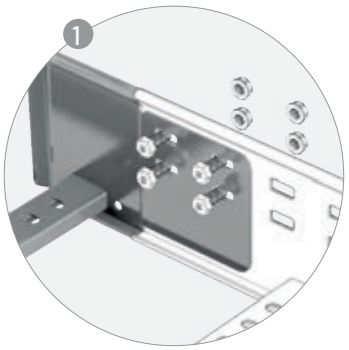
60-120 • 100-1000

	A	Ref	kg/u	u
GC	100	82003305	0,507	1
	150	94730150	0,663	1
	200	94730200	0,772	1
	300	94730300	1,338	1
	400	94730400	1,851	1

ETIM: EC001569



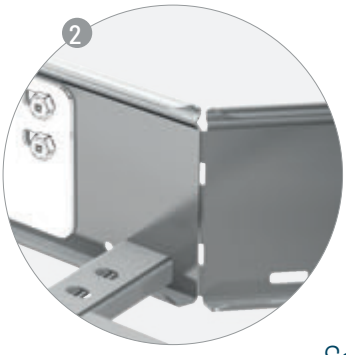




Sistema Click.
¡Sin uniones!

Click System.
No Couplers needed

x 8 118



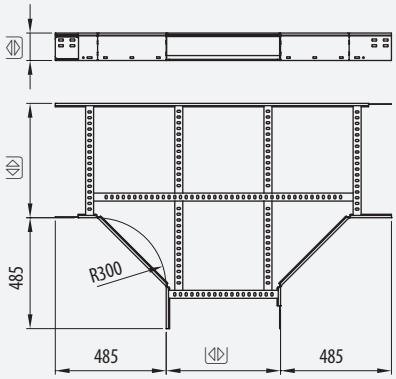
Borde Seguridad.
¡Protege los cables!

Safety Edge. Protects the cables

Derivación T

Tee





		PG	GC	304	316L	kg/u	u
60	100	93112100	93132100	93152100	93162100	3,230	1
	150	93112150	93132150	93152150	93162150	3,460	1
	200	93112200	93132200	93152200	93162200	3,690	1
	300	93112300	93132300	93152300	93162300	4,706	1
	400	93112400	93132400	93152400	93162400	5,260	1
	450	93112450	93132450	93152450	93162450	5,550	1
	500	93112500	93132500	93152500	93162500	6,760	1
	600	93112600	93132600	93152600	93162600	7,410	1
100	100	93114100	93134100	93154100	93164100	4,540	1
	150	93114150	93134150	93154150	93164150	4,790	1
	200	93114200	93134200	93154200	93164200	5,050	1
	300	93114300	93134300	93154300	93164300	6,125	1
	400	93114400	93134400	93154400	93164400	6,720	1
	450	93114450	93134450	93154450	93164450	7,040	1
	500	93114500	93134500	93154500	93164500	8,270	1
	600	93114600	93134600	93154600	93164600	8,970	1
	750	93114750	93134750	93154750	93164750	13,281	1
	900	93114900	93134900	93154900	93164900	16,025	1
120	100	93115100	93135100	93155100	93165100	5,210	1
	150	93115150	93135150	93155150	93165150	5,160	1
	200	93115200	93135200	93155200	93165200	5,750	1
	300	93115300	93135300	93155300	93165300	6,389	1
	400	93115400	93135400	93155400	93165400	7,460	1
	450	93115450	93135450	93155450	93165450	7,790	1
	500	93115500	93135500	93155500	93165500	10,600	1
	600	93115600	93135600	93155600	93165600	11,400	1
	750	93115750	93135750	93155750	93165750	14,400	1
	900	93115900	93135900	93155900	93165900	17,195	1
150	100	93116100	93136100	93156100	93166100	6,210	1
	150	93116150	93136150	93156150	93166150	6,500	1
	200	93116200	93136200	93156200	93166200	6,790	1
	300	93116300	93136300	93156300	93166300	7,908	1
	400	93116400	93136400	93156400	93166400	8,580	1
	450	93116450	93136450	93156450	93166450	8,930	1
	500	93116500	93136500	93156500	93166500	12,100	1
	600	93116600	93136600	93156600	93166600	13,000	1
	750	93116750	93136750	93156750	93166750	14,200	1
	900	93116900	93136900	93156900	93166900	14,200	1

Bajo pedido, consultar disponibilidad / *On request, check availability*

ETIM: EC001540



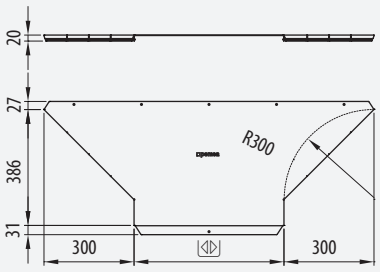
Tapa Derivación T

Tee Cover



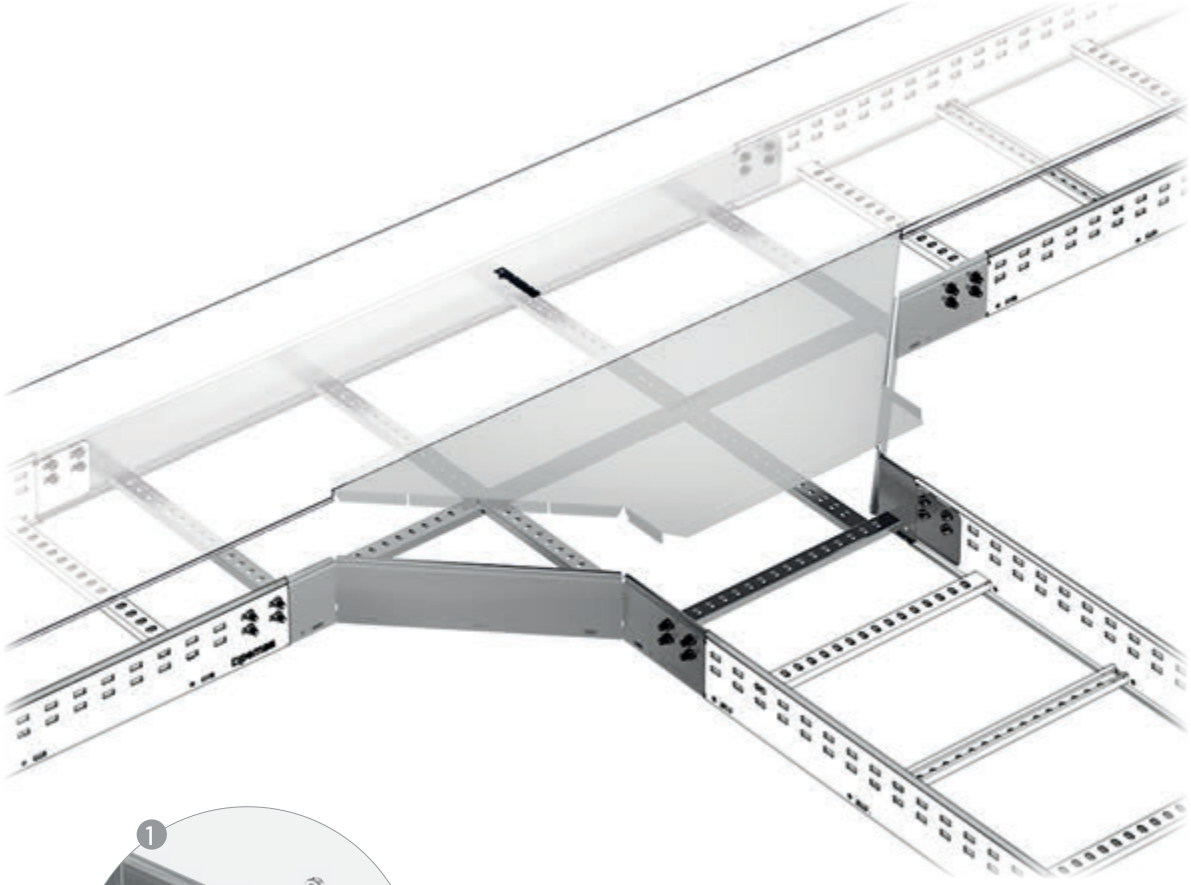
GC • 60-120 • 100-1000

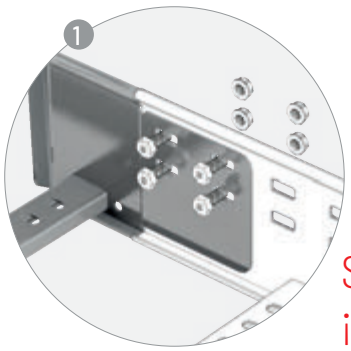
S		Ref	kg/u	u
GC	100	94130100	1,101	1
	150	94130150	1,181	1
	200	94130200	1,311	1
	300	94130300	1,591	1
	400	94130400	1,861	1
	450	94130450	2,001	1
	500	94130500	2,411	1
	600	94130600	2,711	1
	750	94130750	3,064	1
	900	94130900	3,641	1



ETIM: EC002404

x 1 130
x 1 120

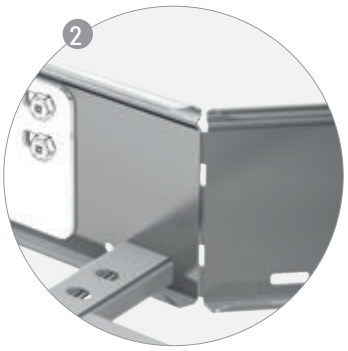




Sistema Click. ¡Sin uniones!

Click System. No Couplers needed

x 8 118

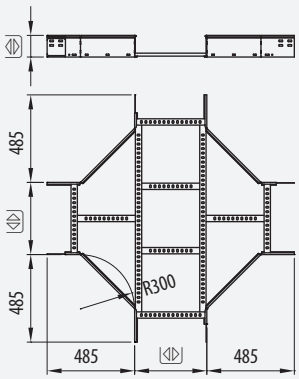


Borde Seguridad. ¡Protege los cables!

Safety Edge. Protects the cables

Cruce
Crossover



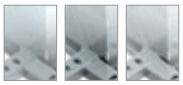


60	100	150	200	300	400	450	500	600
PG	93212100	93212150	93212200	93212300	93212400	93212450	93212500	93212600
GC	93232100	93232150	93232200	93232300	93232400	93232450	93232500	93232600
304	93252100	93252150	93252200	93252300	93252400	93252450	93252500	93252600
316L	93262100	93262150	93262200	93262300	93262400	93262450	93262500	93262600
kg/u	4,380	4,670	4,980	5,590	7,470	7,810	8,130	8,770
u	1	1	1	1	1	1	1	1

100	100	150	200	300	400	450	500	600	750	900
PG	93214100	93214150	93214200	93214300	93214400	93214450	93214500	93214600	93214750	93214900
GC	93234100	93234150	93234200	93234300	93234400	93234450	93234500	93234600	93234750	93234900
304	93254100	93254150	93254200	93254300	93254400	93254450	93254500	93254600	93254750	93254900
316L	93264100	93264150	93264200	93264300	93264400	93264450	93264500	93264600	93264750	93264900
kg/u	5,941	6,231	6,541	7,151	9,031	9,371	9,691	10,301	14,345	11,301
u	1	1	1	1	1	1	1	1	1	1

120	100	150	200	300	400	450	500	600	750	900
PG	93215100	93215150	93215200	93215300	93215400	93215450	93215500	93215600	93215750	93215900
GC	93235100	93235150	93235200	93235300	93235400	93235450	93235500	93235600	93235750	93235900
304	93255100	93255150	93255200	93255300	93255400	93255450	93255500	93255600	93255750	93255900
316L	93265100	93265150	93265200	93265300	93265400	93265450	93265500	93265600	93265750	93265900
kg/u	6,741	7,031	7,341	7,951	9,831	10,201	12,101	12,781	13,701	15,101
u	1	1	1	1	1	1	1	1	1	1

150	100	150	200	300	400	450	500	600	750	900
PG	93216100	93216150	93216200	93216300	93216400	93216450	93216500	93216600	93216750	93216900
GC	93236100	93236150	93236200	93236300	93236400	93236450	93236500	93236600	93236750	93236900
304	93256100	93256150	93256200	93256300	93256400	93256450	93256500	93256600	93256750	93256900
316L	93266100	93266150	93266200	93266300	93266400	93266450	93266500	93266600	93266750	93266900
kg/u	7,941	8,231	8,541	9,151	11,001	11,401	13,701	14,301	15,301	16,701
u	1	1	1	1	1	1	1	1	1	1



ETIM: EC001559

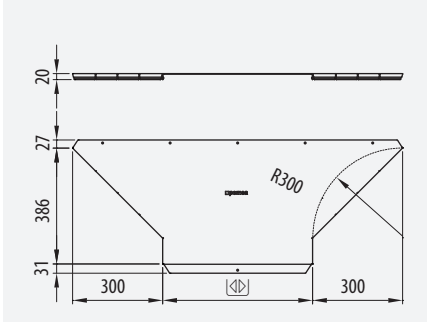
Bajo pedido, consultar disponibilidad
On request, check availability

Tapa Cruce
Crossover Cover



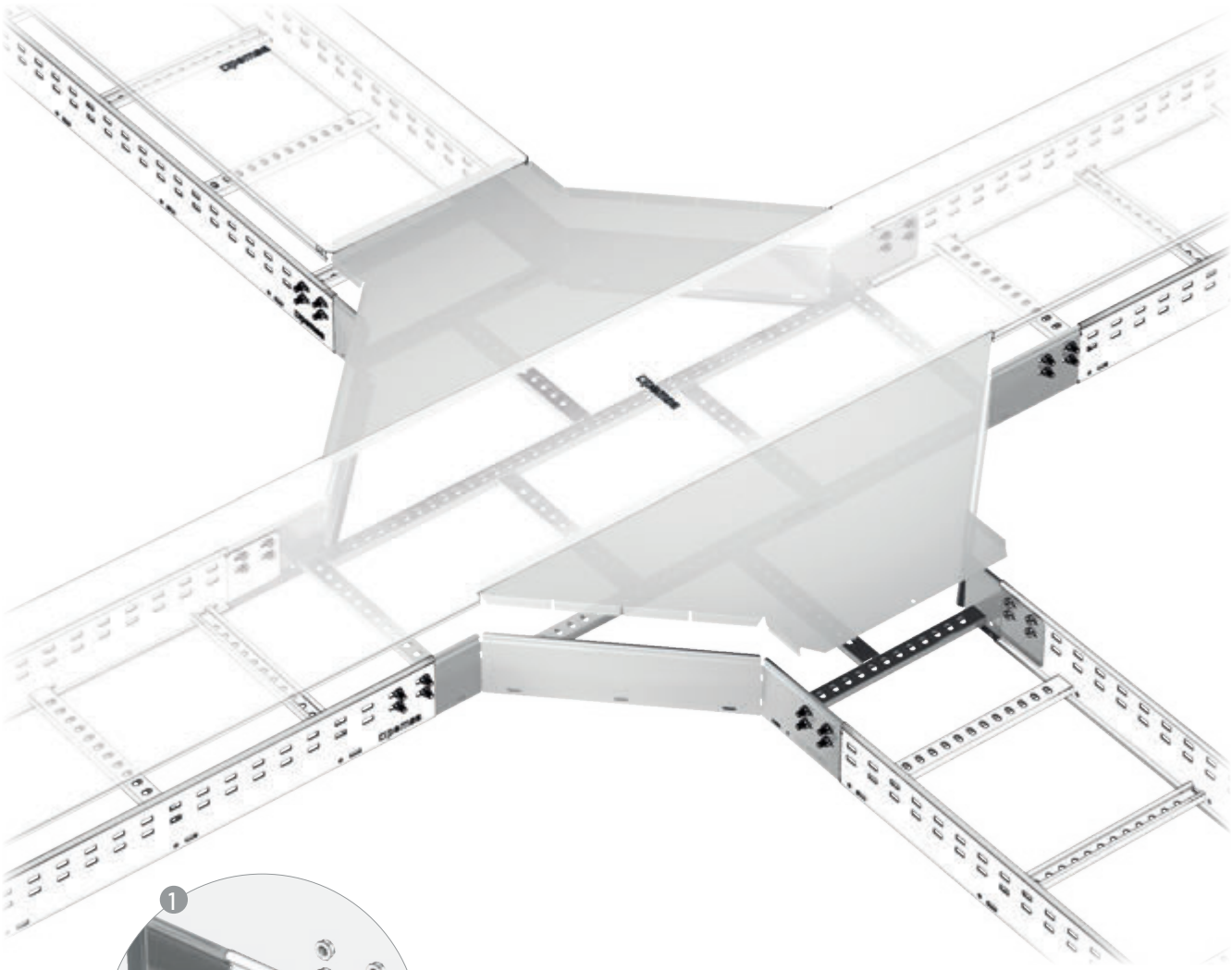
60-120 • 100-1000

GC	100	150	200	300	400	450	500	600	750	900
A	100	150	200	300	400	450	500	600	750	900
Ref	94130100	94130150	94130200	94130300	94130400	94130450	94130500	94130600	94130750	94130900
kg/u	1,101	1,181	1,311	1,591	1,861	2,001	2,411	2,711	3,064	3,641
u	1	1	1	1	1	1	1	1	1	1



ETIM: EC001559

x 2 132
x 1 120

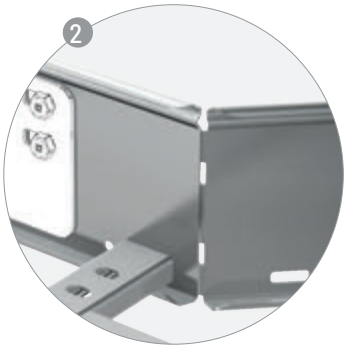




Sistema Click.
¡Sin uniones!

Click System.
No Couplers needed

x 8 118



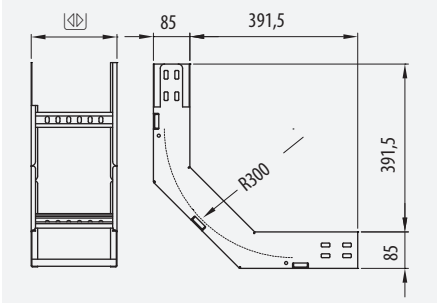
Borde Seguridad.
¡Protege los cables!

Safety Edge. Protects the cables

Cambio de Nivel Cóncavo CNC

90° Inside Riser



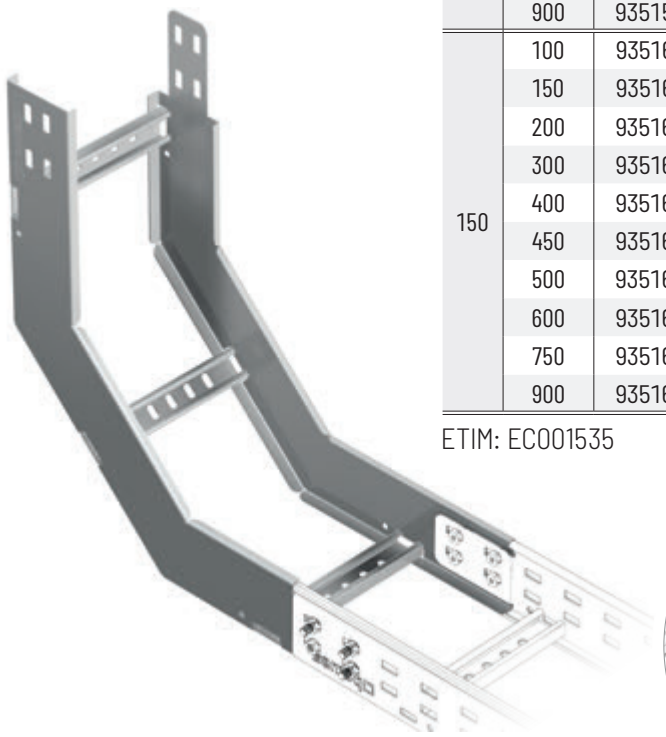


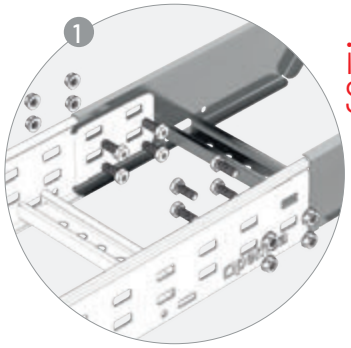


		PG	GC	304	316L	kg/u	u
60	100	93512100	93532100	93552100	93562100	1,570	1
	150	93512150	93532150	93552150	93562150	1,700	1
	200	93512200	93532200	93552200	93562200	1,840	1
	300	93512300	93532300	93552300	93562300	2,110	1
	400	93512400	93532400	93552400	93562400	2,410	1
	450	93512450	93532450	93552450	93562450	2,530	1
	500	93512500	93532500	93552500	93562500	2,670	1
	600	93512600	93532600	93552600	93562600	2,940	1
100	100	93514100	93534100	93554100	93564100	2,411	1
	150	93514150	93534150	93554150	93564150	2,531	1
	200	93514200	93534200	93554200	93564200	2,671	1
	300	93514300	93534300	93554300	93564300	2,941	1
	400	93514400	93534400	93554400	93564400	3,211	1
	450	93514450	93534450	93554450	93564450	3,351	1
	500	93514500	93534500	93554500	93564500	3,471	1
	600	93514600	93534600	93554600	93564600	3,741	1
	750	93514750	93534750	93554750	93564750	4,151	1
	900	93514900	93534900	93554900	93564900	4,541	1
120	100	93515100	93535100	93555100	93565100	2,861	1
	150	93515150	93535150	93555150	93565150	2,991	1
	200	93515200	93535200	93555200	93565200	3,131	1
	300	93515300	93535300	93555300	93565300	3,391	1
	400	93515400	93535400	93555400	93565400	3,661	1
	450	93515450	93535450	93555450	93565450	3,801	1
	500	93515500	93535500	93555500	93565500	3,571	1
	600	93515600	93535600	93555600	93565600	4,191	1
	750	93515750	93535750	93555750	93565750	4,601	1
	900	93515900	93535900	93555900	93565900	4,991	1
150	100	93516100	93536100	93556100	93566100	3,571	1
	150	93516150	93536150	93556150	93566150	3,691	1
	200	93516200	93536200	93556200	93566200	3,831	1
	300	93516300	93536300	93556300	93566300	4,101	1
	400	93516400	93536400	93556400	93566400	4,371	1
	450	93516450	93536450	93556450	93566450	4,511	1
	500	93516500	93536500	93556500	93566500	4,631	1
	600	93516600	93536600	93556600	93566600	4,901	1
	750	93516750	93536750	93556750	93566750	5,311	1
	900	93516900	93536900	93556900	93566900	5,701	1

ETIM: EC001535

Bajo pedido, consultar disponibilidad
On request, check availability





¡Sistema Click.
Sin uniones!

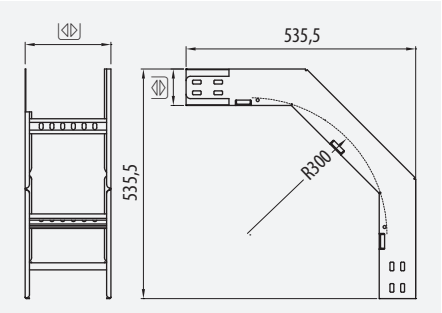
Click System.
No Couplers needed

x 8 118

Cambio de Nivel Convexo CNV

90° Outside Riser



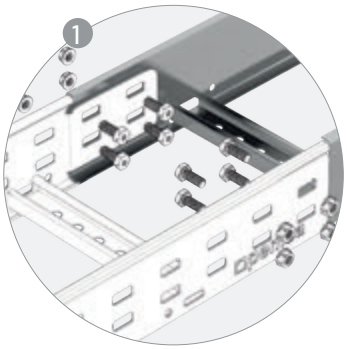


		PG	GC	304	316L	kg/u	
60	100	93612100	93632100	93652100	93662100	1,810	1
	150	93612150	93632150	93652150	93662150	1,940	1
	200	93612200	93632200	93652200	93662200	2,080	1
	300	93612300	93632300	93652300	93662300	2,350	1
	400	93612400	93632400	93652400	93662400	2,570	1
	450	93612450	93632450	93652450	93662450	2,700	1
	500	93612500	93632500	93652500	93662500	2,840	1
	600	93612600	93632600	93652600	93662600	3,100	1
100	100	93614100	93634100	93654100	93664100	2,571	1
	150	93614150	93634150	93654150	93664150	2,701	1
	200	93614200	93634200	93654200	93664200	2,841	1
	300	93614300	93634300	93654300	93664300	3,101	1
	400	93614400	93634400	93654400	93664400	3,371	1
	450	93614450	93634450	93654450	93664450	3,511	1
	500	93614500	93634500	93654500	93664500	3,631	1
	600	93614600	93634600	93654600	93664600	3,901	1
	750	93614750	93634750	93654750	93664750	4,311	1
	900	93614900	93634900	93654900	93664900	4,701	1
120	100	93615100	93635100	93655100	93665100	2,931	1
	150	93615150	93635150	93655150	93665150	3,061	1
	200	93615200	93635200	93655200	93665200	3,201	1
	300	93615300	93635300	93655300	93665300	3,461	1
	400	93615400	93635400	93655400	93665400	3,731	1
	450	93615450	93635450	93655450	93665450	3,871	1
	500	93615500	93635500	93655500	93665500	4,001	1
	600	93615600	93635600	93655600	93665600	4,261	1
	750	93615750	93635750	93655750	93665750	4,671	1
	900	93615900	93635900	93655900	93665900	5,061	1
150	100	93616100	93636100	93656100	93666100	3,441	1
	150	93616150	93636150	93656150	93666150	3,571	1
	200	93616200	93636200	93656200	93666200	3,711	1
	300	93616300	93636300	93656300	93666300	3,971	1
	400	93616400	93636400	93656400	93666400	4,241	1
	450	93616450	93636450	93656450	93666450	4,381	1
	500	93616500	93636500	93656500	93666500	4,511	1
	600	93616600	93636600	93656600	93666600	4,771	1
	750	93616750	93636750	93656750	93666750	5,181	1
	900	93616900	93636900	93656900	93666900	5,581	1

Bajo pedido, consultar disponibilidad
On request, check availability

ETIM: EC001535





¡Sistema Click. Sin uniones!

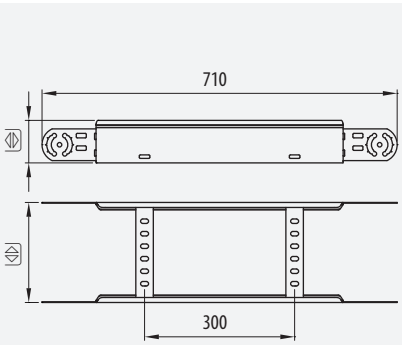
Click System. No Couplers needed

x 8 118

Cambio de Nivel Articulado

Articulated Riser Section



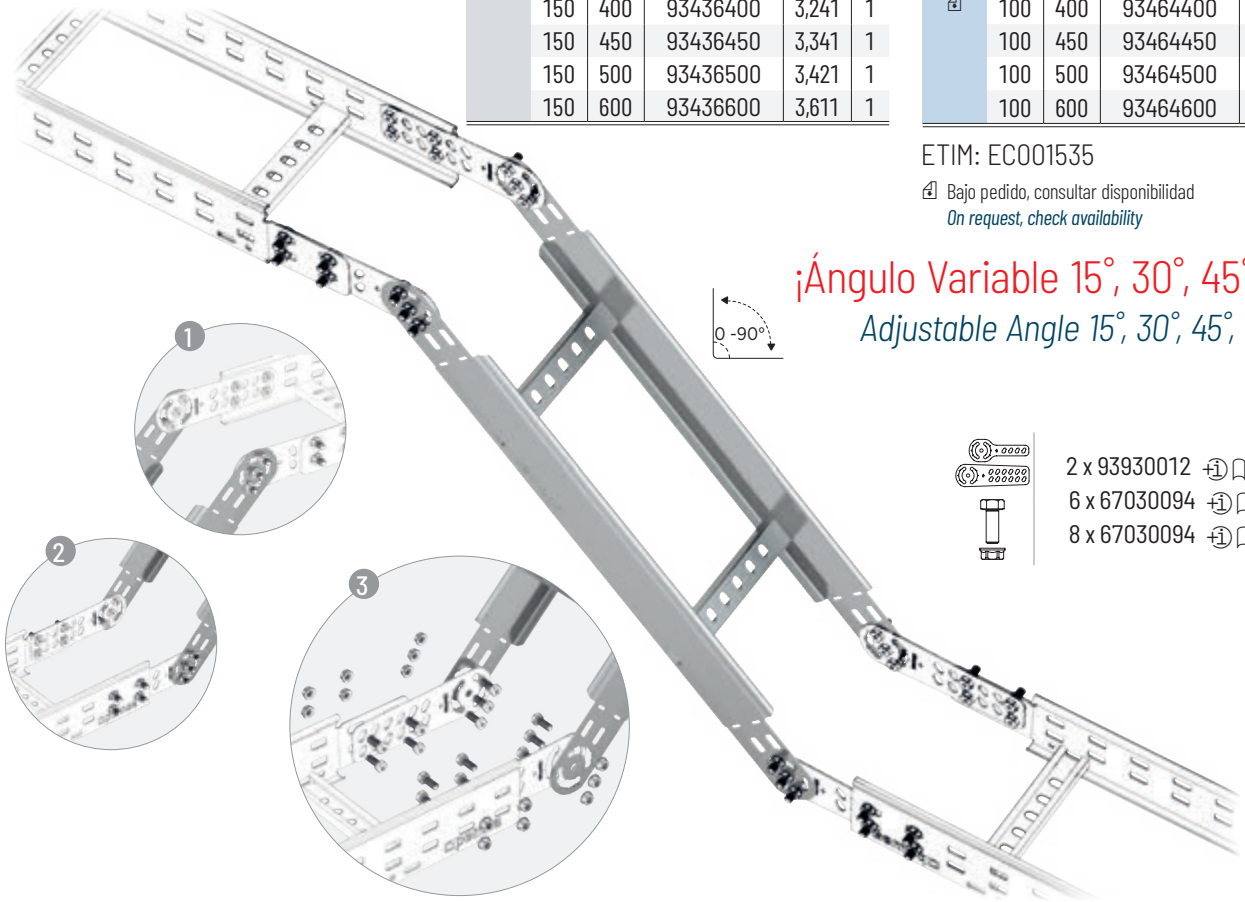


• 60-120 • 100-600					
S			Ref	kg/u	u
GC	60	100	93432100	1,400	1
	60	150	93432150	1,480	1
	60	200	93432200	1,580	1
	60	300	93432300	1,760	1
	60	400	93432400	1,980	1
	60	450	93432450	2,060	1
	60	500	93432500	2,150	1
	60	600	93432600	2,330	1
	100	100	93434100	1,981	1
	100	150	93434150	2,061	1
	100	200	93434200	2,151	1
	100	300	93434300	2,331	1
	100	400	93434400	2,511	1
	100	450	93434450	2,611	1
	100	500	93434500	2,691	1
	100	600	93434600	2,871	1
	120	100	93435100	2,221	1
	120	150	93435150	2,311	1
	120	200	93435200	2,401	1
	120	300	93435300	2,581	1
	120	400	93435400	2,761	1
	120	450	93435450	2,851	1
	120	500	93435500	2,941	1
	120	600	93435600	3,111	1
	150	100	93436100	2,691	1
	150	150	93436150	2,791	1
	150	200	93436200	2,871	1
	150	300	93436300	3,061	1
	150	400	93436400	3,241	1
	150	450	93436450	3,341	1
	150	500	93436500	3,421	1
	150	600	93436600	3,611	1

• 60-120 • 100-600					
S			Ref	kg/u	u
304	100	100	93454100	1,851	1
	100	150	93454150	1,931	1
	100	200	93454200	2,021	1
	100	300	93454300	2,181	1
	100	400	93454400	2,351	1
	100	450	93454450	2,441	1
	100	500	93454500	2,521	1
	100	600	93454600	2,681	1
316L	100	100	93464100	1,851	1
	100	150	93464150	1,931	1
	100	200	93464200	2,021	1
	100	300	93464300	2,181	1
	100	400	93464400	2,351	1
	100	450	93464450	2,441	1
	100	500	93464500	2,511	1
	100	600	93464600	2,681	1

ETIM: EC001535

Bajo pedido, consultar disponibilidad
On request, check availability



¡Ángulo Variable 15°, 30°, 45°, 90°!

Adjustable Angle 15°, 30°, 45°, 90°

2 x 93930012 118
6 x 67030094 118
8 x 67030094 118

Reducción

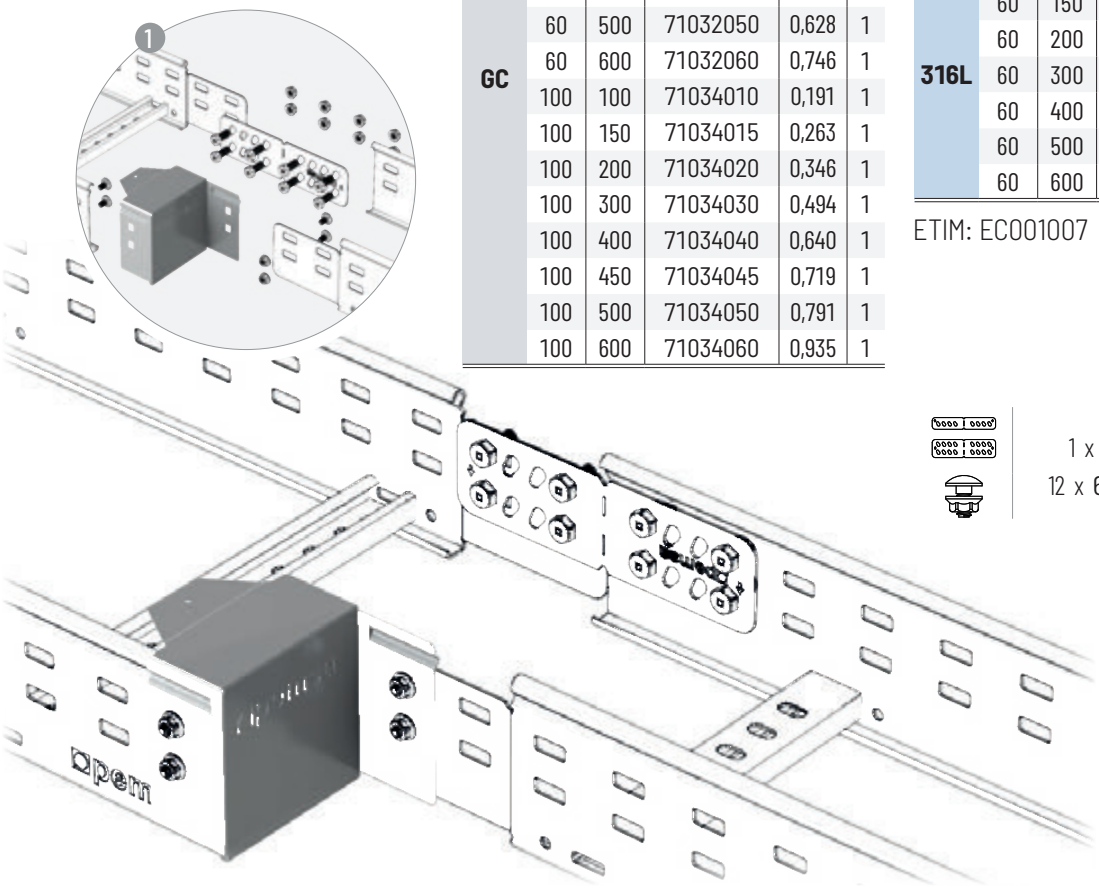
Reducer





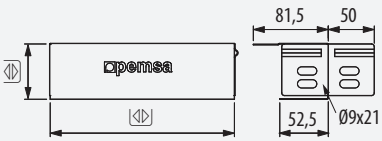
¡Acabado profesional!

Professional finish



• 60-120 • 100-600

S			Ref	kg/u	u
PG	60	100	71022010	0,127	1
	60	150	71022015	0,181	1
	60	200	71022020	0,254	1
	60	300	71022030	0,372	1
	60	400	71022040	0,470	1
	60	500	71022050	0,585	1
	60	600	71022060	0,693	1
	100	100	71024010	0,178	1
	100	200	71024020	0,322	1
	100	300	71024030	0,460	1
	100	400	71024040	0,595	1
	100	500	71024050	0,735	1
	100	600	71024060	0,869	1
	120	100	71025010	0,203	1
	120	150	71025015	0,276	1
	120	200	71025020	0,360	1
	120	300	71025030	0,510	1
	120	400	71025040	0,659	1
	120	450	71025045	0,738	1
	120	500	71025050	0,811	1
	120	600	71025060	0,957	1
GC	60	100	71032010	0,137	1
	60	150	71032015	0,194	1
	60	200	71032020	0,273	1
	60	300	71032030	0,411	1
	60	400	71032040	0,506	1
	60	450	71032045	0,570	1
	60	500	71032050	0,628	1
	60	600	71032060	0,746	1
	100	100	71034010	0,191	1
	100	150	71034015	0,263	1
	100	200	71034020	0,346	1
	100	300	71034030	0,494	1
	100	400	71034040	0,640	1
	100	450	71034045	0,719	1
	100	500	71034050	0,791	1
	100	600	71034060	0,935	1



• 60-120 • 100-600

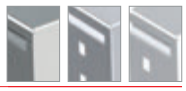
S			Ref	kg/u	u
GC	120	100	71035010	0,218	1
	120	150	71035015	0,296	1
	120	200	71035020	0,387	1
	120	300	71035030	0,548	1
	120	400	71035040	0,708	1
	120	450	71035045	0,793	1
	120	500	71035050	0,872	1
	120	600	70039560		1
304	60	100	71052010	0,111	1
	60	150	71052015	0,158	1
	60	200	71052020	0,223	1
	60	300	71052030	0,326	1
	60	400	71052040	0,412	1
	60	500	71052050	0,512	1
	60	600	71052060	0,607	1
316L	60	100	71062010	0,111	1
	60	150	71062015	0,158	1
	60	200	71062020	0,223	1
	60	300	71062030	0,326	1
	60	400	71062040	0,412	1
	60	500	71062050	0,512	1
	60	600	71062060	0,607	1

ETIM: EC001007

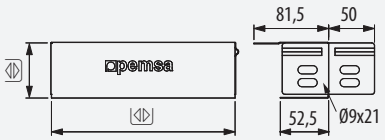
1 x 93930003 118
12 x 67030093 252

Tapa Final
End Cover





S	60-120	100-600	Ref	kg/u	u
PG	60	100	71022010	0,127	1
	60	150	71022015	0,181	1
	60	200	71022020	0,254	1
	60	300	71022030	0,372	1
	60	400	71022040	0,470	1
	60	500	71022050	0,585	1
	60	600	71022060	0,693	1
	100	100	71024010	0,178	1
	100	200	71024020	0,322	1
	100	300	71024030	0,460	1
	100	400	71024040	0,595	1
	100	500	71024050	0,735	1
	100	600	71024060	0,869	1
	120	100	71025010	0,203	1
	120	150	71025015	0,276	1
	120	200	71025020	0,360	1
	120	300	71025030	0,510	1
	120	400	71025040	0,659	1
	120	450	71025045	0,738	1
	120	500	71025050	0,811	1
	120	600	71025060	0,957	1
GC	60	100	70039210	0,137	1
	60	150	70039215	0,194	1
	60	200	70039220	0,273	1
	60	300	70039230	0,411	1
	60	400	70039240	0,506	1
	60	450	70039245	0,570	1
	60	500	70039250	0,628	1
	60	600	70039260	0,746	1
	100	100	70039410	0,191	1
	100	150	70039415	0,263	1
	100	200	70039420	0,346	1
	100	300	70039430	0,494	1
	100	400	70039440	0,640	1
	100	450	70039445	0,719	1
	100	500	70039450	0,791	1
	100	600	70039460	0,935	1

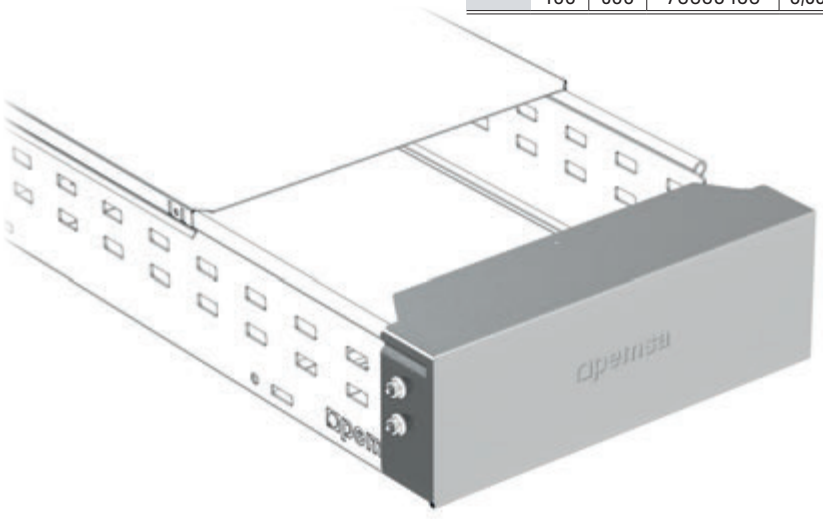


S	60-120	100-600	Ref	kg/u	u
GC	120	100	70039510	0,218	1
	120	150	70039515	0,296	1
	120	200	70039520	0,387	1
	120	300	70039530	0,548	1
	120	400	70039540	0,708	1
	120	450	70039545	0,793	1
	120	500	70039550	0,872	1
	120	600	70039560		1
304	60	100	71052010	0,111	1
	60	150	71052015	0,158	1
	60	200	71052020	0,223	1
	60	300	71052030	0,326	1
	60	400	71052040	0,412	1
	60	500	71052050	0,512	1
	60	600	71052060	0,607	1
316L	60	100	71062010	0,111	1
	60	150	71062015	0,158	1
	60	200	71062020	0,223	1
	60	300	71062030	0,326	1
	60	400	71062040	0,412	1
	60	500	71062050	0,512	1
	60	600	71062060	0,607	1

ETIM: EC001573

¡Acabado profesional!

Professional finish





4 x 67030093 118

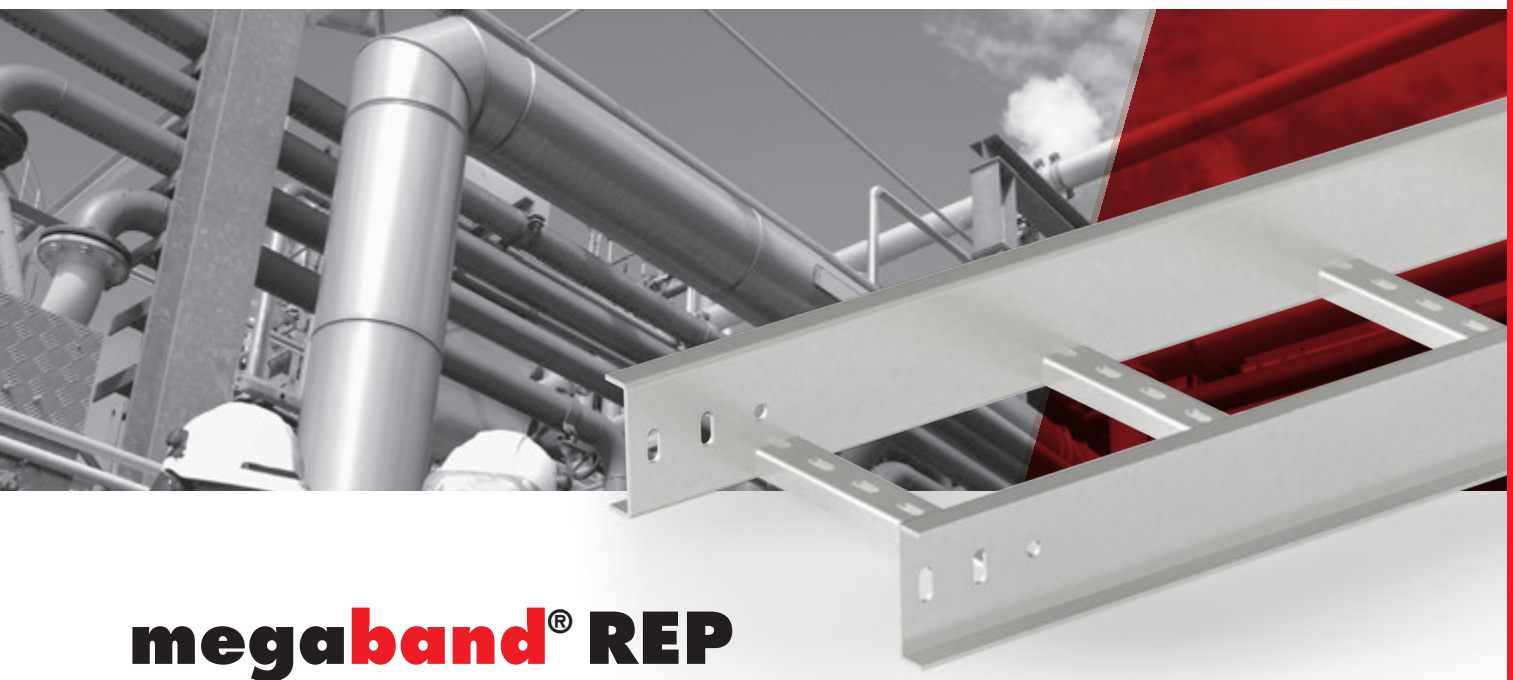
megaband® REP

Bandeja de escalera de acero galvanizado en caliente para grandes cargas y ambientes industriales

Heavy duty hot dip galvanised cable ladder for industrial environments




AM-107
E-701B
E-701A



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Bandeja de escalera de acero galvanizado en caliente para grandes cargas e industria pesada

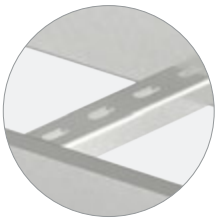
Heavy duty hot dip galvanised cable ladder for industrial environments

Ventajas y Características / *Advantages and features*

GC

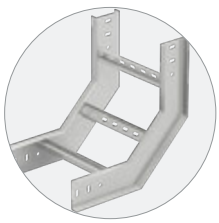
Galvanizado en Caliente. 85 micras. Clase 8 según IEC 61537
Hot Dip Galvanised. 85 microns. Class 8 acc. to IEC 61537

Espesores elevados. 3 y 4 mm. Grandes Cargas
High thickness. 3 and 4 mm for Heavy Duty Loads



REPSOL

Cumple con especificacion ED-P-11-02
Complies with ED-P-11-02 specification



Amplia gama de accesorios
Wide range of accessories

Soluciones de Producto / *Product Solutions*



Ind. Petroquímica
Petrochemical Industry



Oil & Gas



Centrales de Energía
Energy Power Stations



Minería y Cementera
Mining and Cement

pemsa

megaband® REP

70, 100, 120

Bandeja de escalera de acero galvanizado en caliente para grandes cargas y ambientes industriales

Heavy duty hot dip galvanised cable ladder for industrial environments

70, 100, 120 • 100-600
3000, 6000

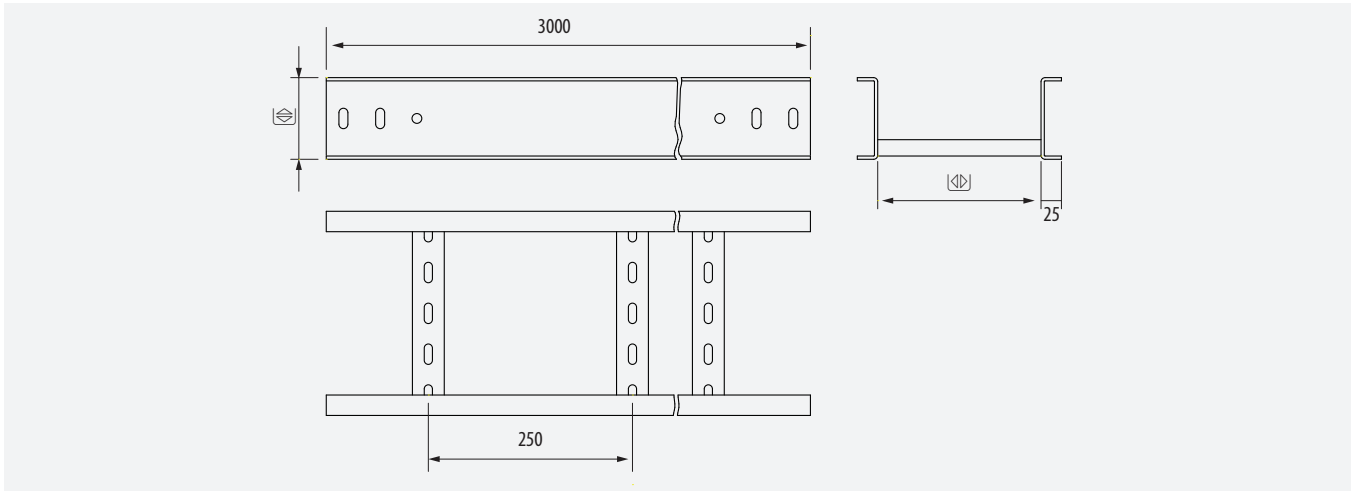
CE IEC 61537 UKCA REPSOL RoHS ED-P 11-02

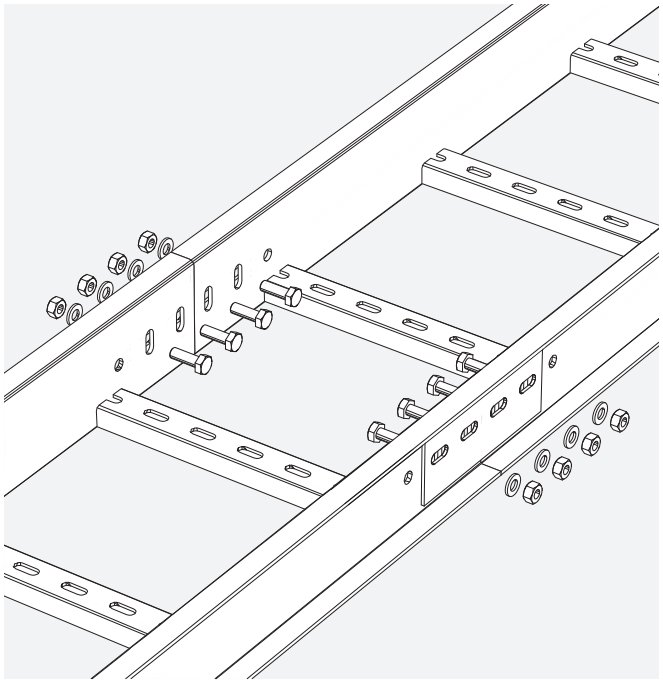
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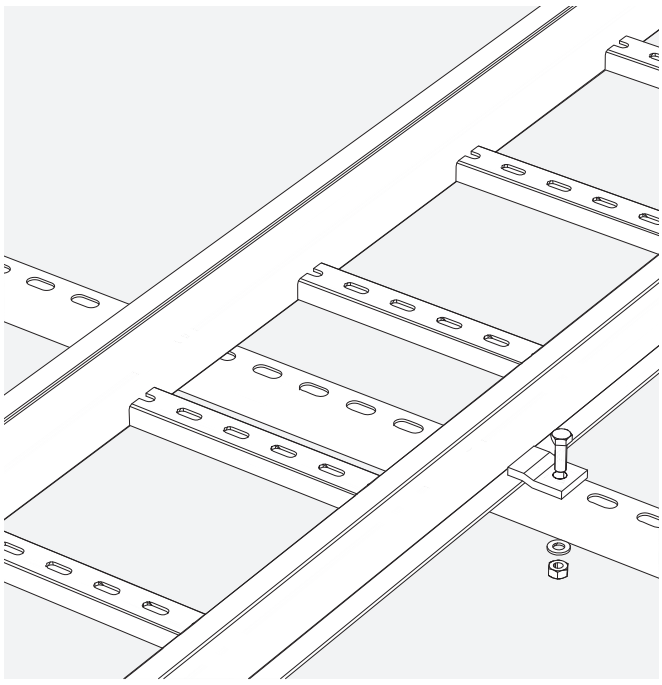


		3000	6000		
		GC		kg/m	
70	100	82002368	82002373	7,800	3
	200	82002369	82002374	8,400	3
100	300	82002370	82002375	11,100	3
	400	82002371	82002376	11,700	3
120	600	82002372	82002377	14,300	3

Bajo pedido, consultar disponibilidad

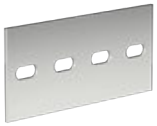






Kit unión REP

REP Joint Kit

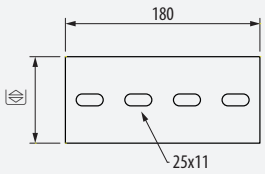


• 100-600				
S		Ref	kg/u	u
GC	70	82002378	0,200	1
	100	82002379	0,330	1

Kit formado por 2 Uniones + 8 Tornillos c/DIN603 M10x20 304+ 8 Tuercas hexagonales M10 304 + 8 Arandelas planas M10 304

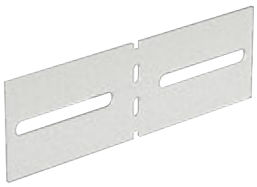
Kit composed by 2 Couplers + 8 c/DIN603 M10x20 304 Screws + 8 M10 304 Hexagonal Nuts + 8 M10 304 Washers

Bajo pedido, consultar disponibilidad



Bisagra horizontal REP

REP Horizontal Hinge

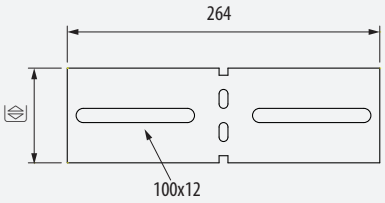


• 100-600				
S		Ref	kg/u	u
GC	70	82002466	0,270	1
	100	82002467	0,460	1

Kit formado por 2 Uniones + 8 Tornillos c/DIN603 M10x20 304 + 8 Tuercas hexagonales M10 304 + 8 Arandelas planas M10 304

Kit composed by 2 Couplers + 8 c/DIN603 M10x20 304 Screws + 8 M10 304 Hexagonal Nuts + 8 M10 304 Washers

Bajo pedido, consultar disponibilidad



Bisagra vertical REP

REP Riser/Dropper

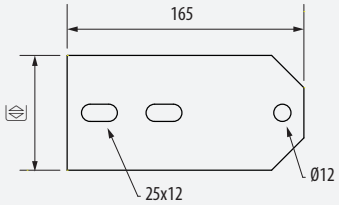


• 100-600				
S		Ref	kg/u	u
GC	70	82002468	0,190	1
	100	82002469	0,300	1

Formado por 4 Bisagras + 10 Tornillos c/DIN603 M10x20 304 + 10 Tuercas hexagonales M10 304 + 10 Arandelas planas M10 304

Composed by 4 Riser/Dropper + 10 c/DIN603 M10x20 304 Screws + 10 M10 304 Hexagonal Nuts + 10 M10 304 Washers

Bajo pedido, consultar disponibilidad



Fijacion REP

REP Hold Down Clamp

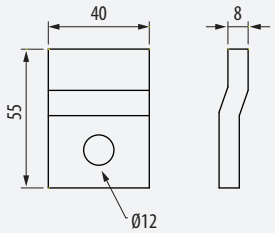


• 100-600			
S	Ref	kg/u	u
GC	82002470	0,140	1

Kit formado por 4 Fijaciones + 4 Tornillos c/DIN603 M10x20 304 + 4 Tuercas hexagonales M10 304 + 4 Arandelas planas M10 304

Kit composed by 4 Clamps + 4 c/DIN933 M10x30 304 Screws + 4 M10 304 Hexagonal Nuts + 4 M10 304 WashersM10 304

Bajo pedido, consultar disponibilidad



Curva 90° REP

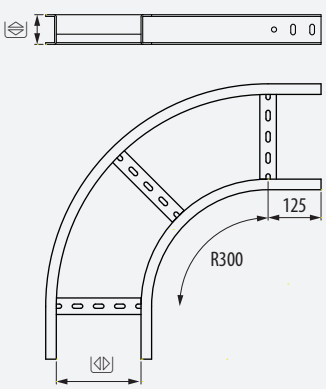
REP 90° Bend



• 100-600					
S			Ref	kg/u	u
GC	70	100	82002433	6,100	1
		200	82002434	7,200	1
	100	300	82002435	10,600	1
		400	82002436	12,000	1
	120	600	82002437	17,300	1

Bajo pedido, consultar disponibilidad

On request, check availability



megaband

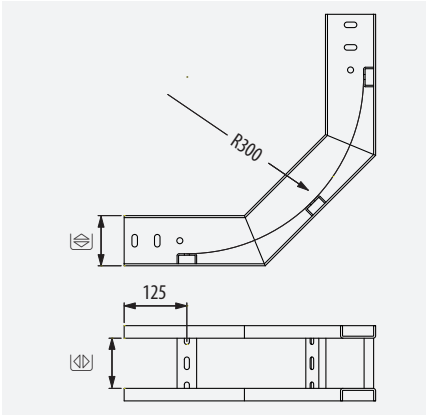
Cambio de Nivel Concavo CNC REP

REP 90° Inside Riser



S	⇕	⇔ 100-600	Ref	kg/u	u
GC	70	100	82002443	5,600	1
		200	82002444	6,100	1
	100	300	82002445	8,200	1
		400	82002446	8,700	1
	120	600	82002447	10,900	1

Bajo pedido, consultar disponibilidad
On request, check availability



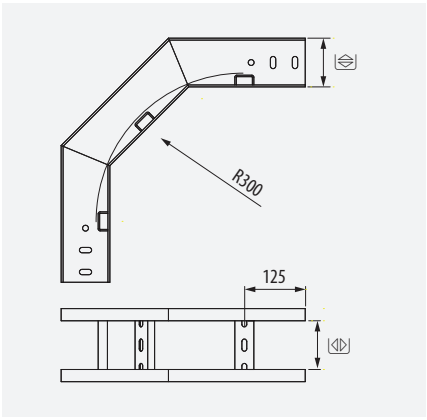
Cambio de Nivel Convexo CNV REP

REP 90° Outside Riser



S	⇕	⇔ 100-600	Ref	kg/u	u
GC	70	100	82002448	5,600	1
		200	82002449	6,100	1
	100	300	82002450	8,200	1
		400	82002451	8,700	1
	120	600	82002452	10,900	1

Bajo pedido, consultar disponibilidad
On request, check availability



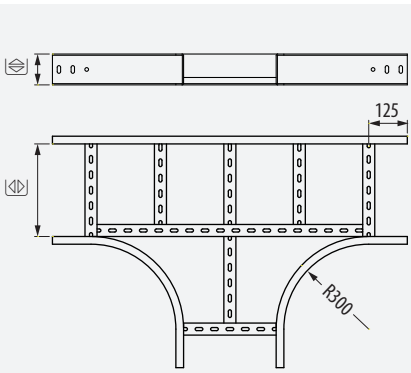
Derivación T REP

REP Tee



S	⇕	⇔ 100-600	Ref	kg/u	u
GC	70	100	82002428	9,500	1
		200	82002429	12,200	1
	100	300	82002430	16,300	1
		400	82002431	17,900	1
	120	600	82002432	24,400	1

Bajo pedido, consultar disponibilidad
On request, check availability



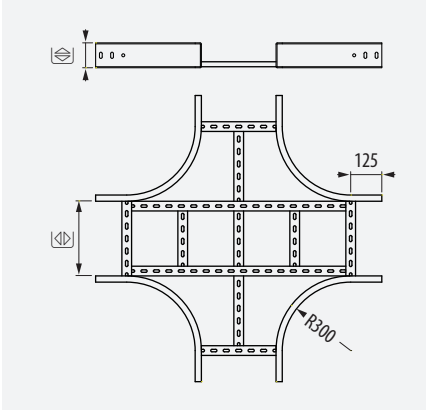
Cruce REP

REP Crossover



S	⇕	⇔ 100-600	Ref	kg/u	u
GC	70	100	82002438	12,800	1
		200	82002439	15,300	1
	100	300	82002440	19,700	1
		400	82002441	21,100	1
	120	600	82002442	27,800	1

Bajo pedido, consultar disponibilidad
On request, check availability



Reducción Central REP

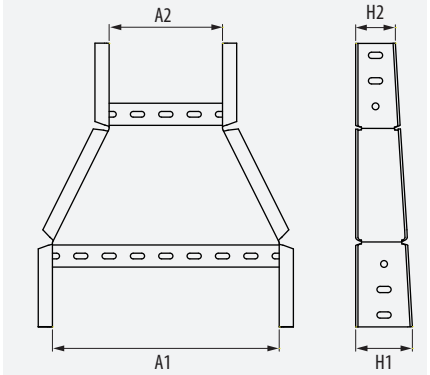
REP Central reducer



	H1	H2	A1	A2	Ref	kg/u	u
	70	70	200	100	82002425	3,900	1
GC	100	70	400	200	82002426	5,000	1
	120	100	600	400	82002427	6,600	1

100-600

Bajo pedido, consultar disponibilidad
On request, check availability



CE IEC 61537 UKCA REPSOL RoHS III ED-P 11-02

Reducción Derecha REP

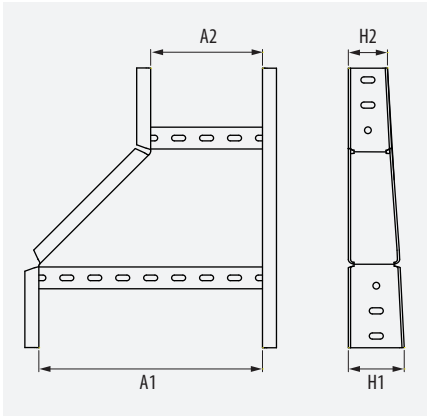
REP Right Reducer



	H1	H2	A1	A2	Ref	kg/u	u
	70	70	200	100	82002407	3,900	1
GC	100	70	400	200	82002420	5,000	1
	120	100	600	400	82002421	6,600	1

100-600

Bajo pedido, consultar disponibilidad
On request, check availability



CE IEC 61537 UKCA REPSOL RoHS III ED-P 11-02

Reducción Izquierda REP

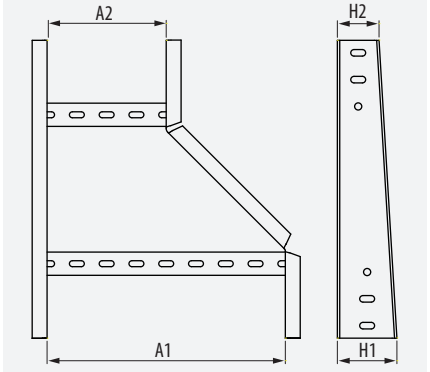
REP Left Reducer



	H1	H2	A1	A2	Ref	kg/u	u
	70	70	200	100	82002422	3,900	1
GC	100	70	400	200	82002423	5,000	1
	120	100	600	400	82002424	6,600	1

100-600

Bajo pedido, consultar disponibilidad
On request, check availability



CE IEC 61537 UKCA REPSOL RoHS III ED-P 11-02

megaband® CPS

Bandeja de escalera de aluminio para grandes cargas y ambientes agresivos

Aluminium heavy duty cable ladder for aggressive environments







megaband® CPS

Bandeja de escalera de aluminio para grandes cargas y ambientes agresivos

Aluminium heavy duty cable ladder for aggressive environments

Ventajas y Características / *Advantages and features*

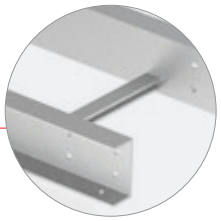
Aluminio 6063T6. Alta resistencia a la corrosión y excelentes propiedades mecánicas

Aluminium 6063T6. High corrosion resistance and excellent mechanical properties

AL

Espesores elevados. 5 y 4,5 mm. Grandes Cargas

High thickness. 5 and 4,5 mm for Heavy Duty Loads



Cumple con especificacion ESP-2208-5

Complies with ESP-2208-5 specification



Amplia gama de accesorios

Wide range of accessories

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Soluciones de Producto / *Product Solutions*



Industria Petroquímica

Petrochemical Industry



Oil & Gas



Industria Petroquímica

Petrochemical Industry



Centrales de Energía

Energy Power Stations

pemsa

megaband® CPS

100

Bandeja de escalera de aluminio para grandes cargas y ambientes agresivos

Aluminium heavy duty cable ladder for aggressive environments

100 • 200-600 • 6000

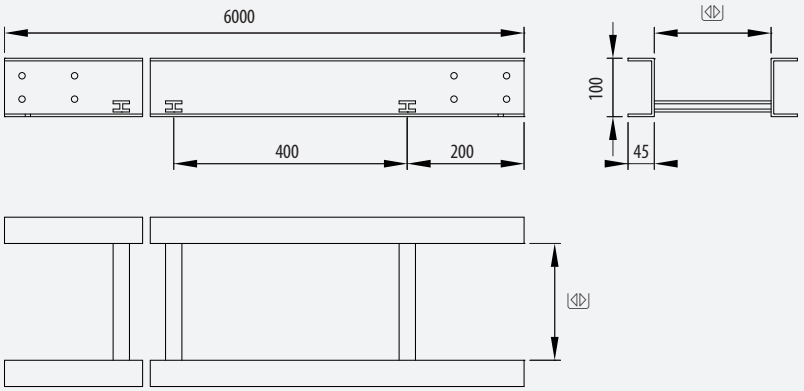


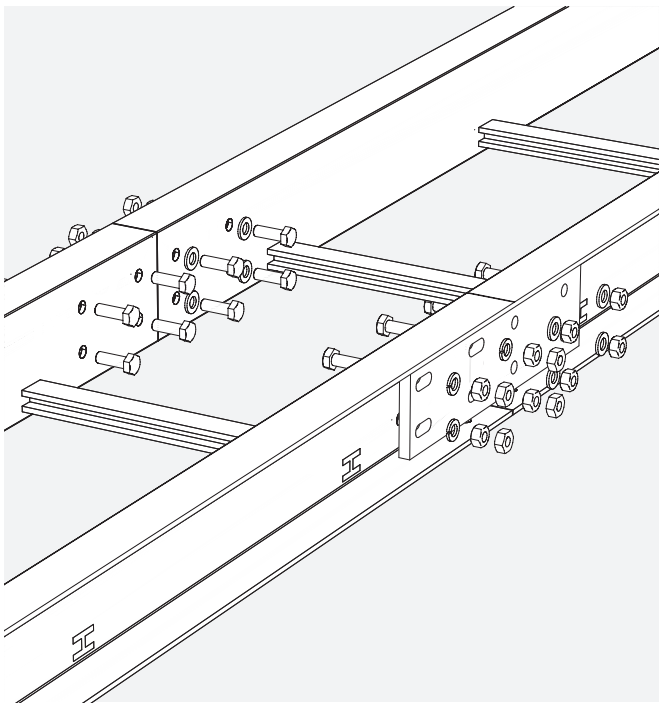
		AL	kg/m	
100	200	82000057	4,833	6
	300	82000058	5,050	6
	400	82000059	5,267	6
	600	82000060	5,717	6

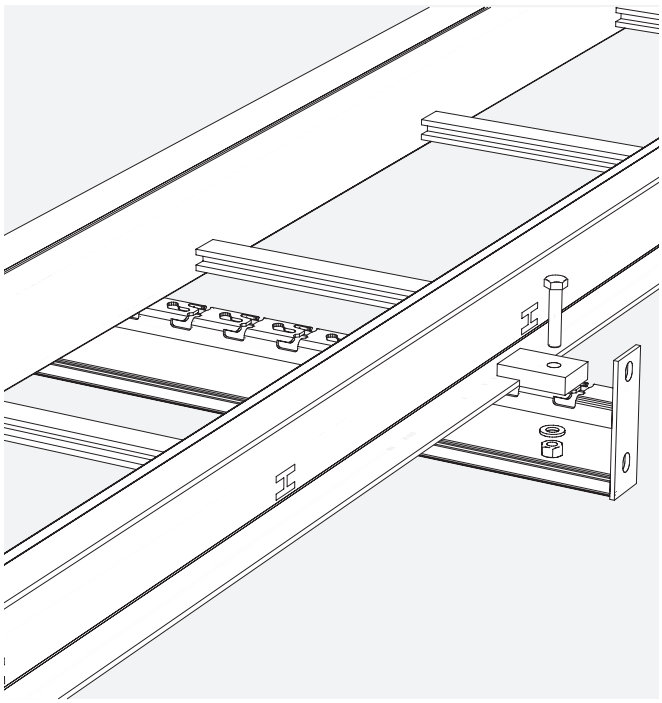
Bajo pedido, consultar disponibilidad

CEPSA ESP-2208-5 CE IEC 61537 UKCA RoHS

ETIM: EC000854

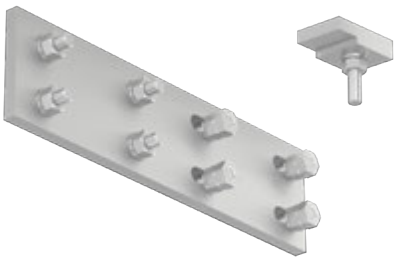






Kit Unión Recta (KUR) MGB CPS

MGB CPS Straight Joint Kit (KUR)



ESP-2208-5

• 100 • 200-600

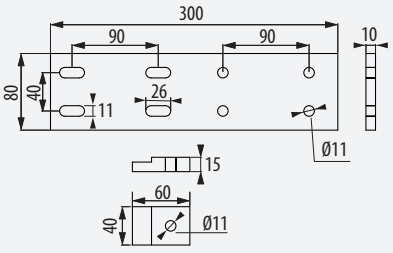
	Ref	kg/u	u
AL	82002346	0,665	4

Formado por: 1 Unión + 1 Fijación a Soporte + 8xTornillo DIN933 M10x30 + 1 Tornillo DIN933 M10x50 + 13xTuerca DIN934 M10 + 9xArandela DIN125 M10 + 4xArandela Grower DIN127

Composed by: 1 Straigth Joints + 1 Hold Down Clamp + 8xDN933 M10x30 Screws + 1xDN933 M10x50 Screws + 13xDIN934 M10 Nuts + 9xDIN125 M10 Washers + 4 DIN127 M10 Grower Washers.

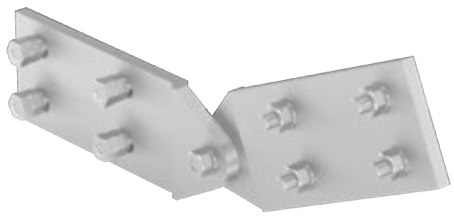
ETIM: EC002413

Bajo pedido, consultar disponibilidad
On request, check availability



Kit Unión Articulada (KUA) MGB CPS

A MGB CPS articulated Joint Kit (KUA)



ESP-2208-5

• 100 • 200-600

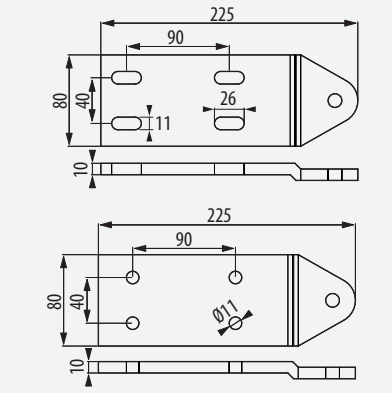
	Ref	kg/u	u
AL	82002347	0,997	4

Formado por: 2xBisagra + 9xTornillo DIN933 M10x30 + 13xTuerca DIN934 M10 + 9xArandela DIN125 M10 + 4xArandela Grower DIN127

Composed by: 2xRiser/Dropper + 9xDN933 M10x30 Screws + 13xDIN934 M10 Nuts + 9xDIN125 M10 Washers + 4 DIN127 M10 Grower Washers.

ETIM: EC002413

Bajo pedido, consultar disponibilidad
On request, check availability



Fijación Tapa MGB CPS

MGB CPS Cover fixing



ESP-2208-5

• 100 • 200-600

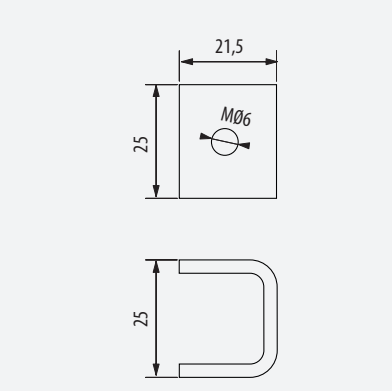
	Ref	kg/u	u
AL	82002345	0,012	4

Tornillo Hexagonal M6x25 incluido

M6x25 Hexagonal Screw included

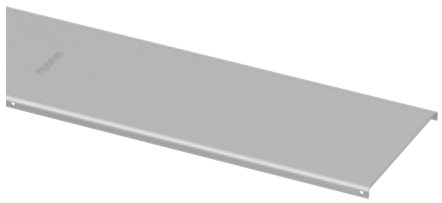
ETIM: EC002403

Bajo pedido, consultar disponibilidad
On request, check availability



MGB CPS Cover Megaband CPS

Tapa Megaband CPS MGB CPS

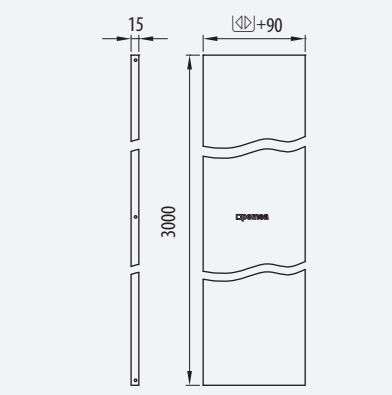


ESP-2208-5

• 100 • 200-600

		Ref	kg/u	m
AL	200	81000048	1,280	6
	300	81000049	1,680	6
	400	81000050	2,090	6
	600	81000051	2,900	6

ETIM: EC002413



Curva MGB CPS 30º

MGB CPS 30º Curva

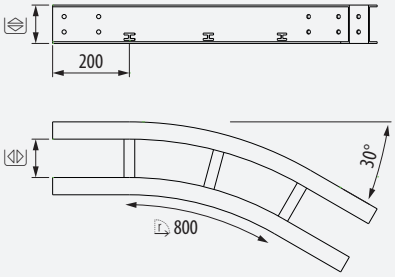


ESP-2208-5

• 100 • 200-600				
		AL	kg/u	u
100	200	82002323	4,300	1
	300	82002324	4,700	1
	400	82002325	5,100	1
	600	82002326	5,900	1

ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Curva 45º MGB CPS

MGB CPS 45º Bend

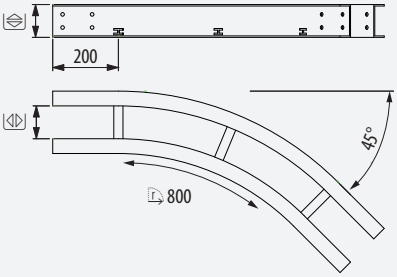


ESP-2208-5

• 100 • 200-600				
		AL	kg/u	u
100	200	82002327	5,400	1
	300	82002328	5,800	1
	400	82002329	6,200	1
	600	82002330	7,600	1

ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Curva 90º MGB CPS

MGB CPS 90º Bend

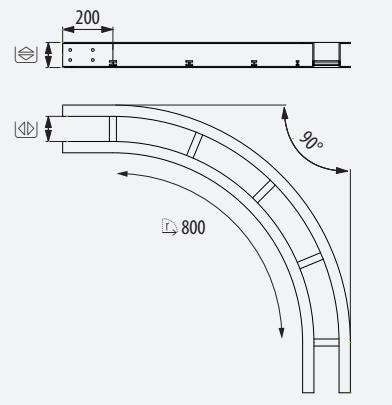


ESP-2208-5

• 100 • 200-600				
		AL	kg/u	u
100	200	82002331	8,800	1
	300	82002332	9,600	1
	400	82002333	10,800	1
	600	82002334	12,500	1

ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Cambio de Nivel Convexo 3° CNV MGB CPS

MGB CPS 30° Outside Riser

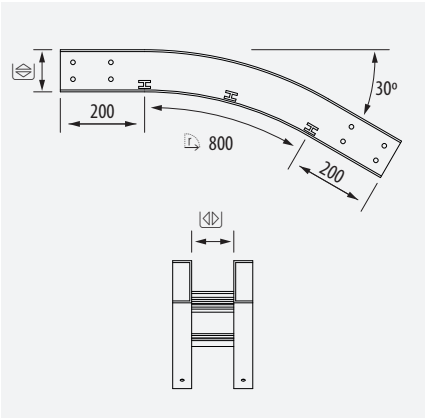


ESP-2208-5

100 • 100 • 200-600				
		AL	kg/u	u
100	200	82002311	4,200	1
	300	82002312	4,400	1
	400	82002313	4,700	1
	600	82002314	5,200	1

ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Cambio de Nivel Convexo 45° CNV MGB CPS

MGB CPS 45° Outside Riser

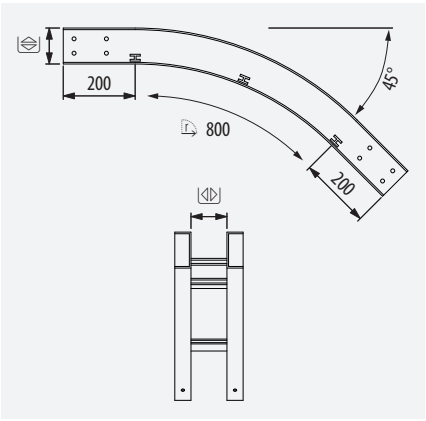


ESP-2208-5

100 • 100 • 200-600				
		AL	kg/u	u
100	200	82002315	5,100	1
	300	82002316	5,400	1
	400	82002317	5,600	1
	600	82002318	6,200	1

ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Cambio de Nivel Convexo 90° CNV MGB CPS

MGB CPS 90° Outside Riser

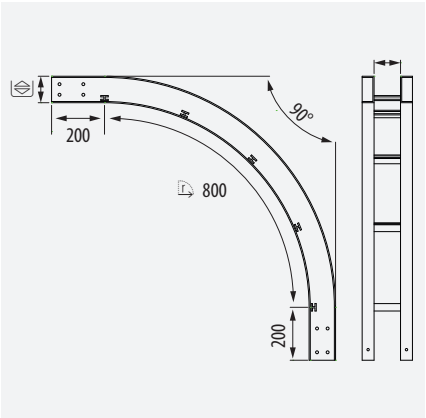


ESP-2208-5

100 • 100 • 200-600				
		AL	kg/u	u
100	200	82002319	8,300	1
	300	82002320	8,700	1
	400	82002321	9,200	1
	600	82002322	10,100	1

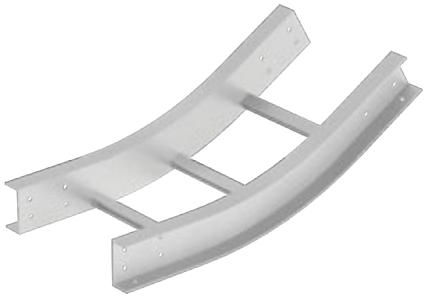
ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Cambio de Nivel Cóncavo 30° CNC MGB CPS

MGB CPS 30° Inside Riser

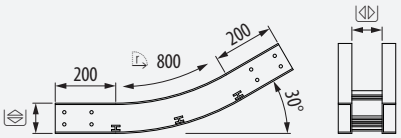


ESP-2208-5

• 100 • 200-600				
		AL	kg/u	
100	200	82002299	4,100	1
	300	82002300	4,300	1
	400	82002301	4,600	1
	600	82002302	5,100	1

ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Cambio de Nivel Cóncavo 45° CNC MGB CPS

MGB CPS 45° Inside Riser

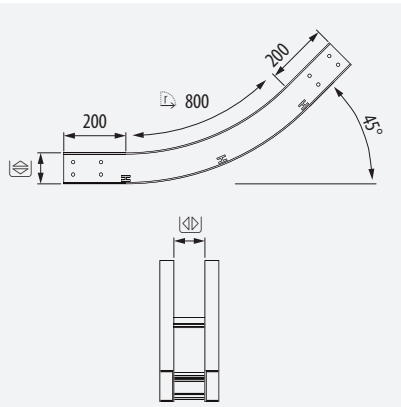


ESP-2208-5

• 100 • 200-600				
		AL	kg/u	
100	200	82002303	4,900	1
	300	82002304	5,200	1
	400	82002305	5,500	1
	600	82002306	6,000	1

ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



MGB CPS 90º Inside Riser

Cambio de Nivel Cóncavo 90º CNC MGB CPS

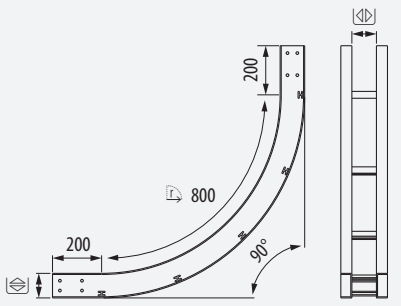


ESP-2208-5

• 100 • 200-600				
		AL	kg/u	
100	200	82002307	8,000	1
	300	82002308	8,400	1
	400	82002309	8,900	1
	600	82002310	9,700	1

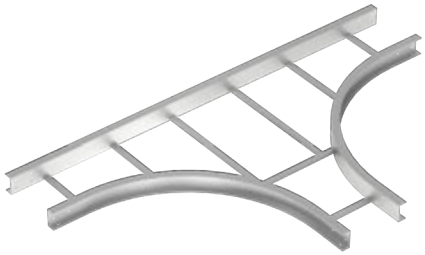
ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



MGB CPS Tee

Derivación T MGB CPS



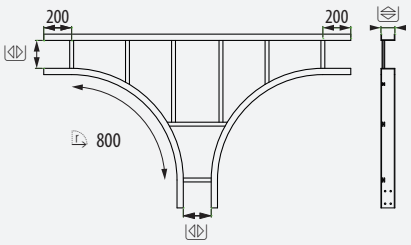
ESP-2208-5

• 100 • 200-600

		AL	kg/u	
100	200	82002335	14,500	1
	300	82002336	15,400	1
	400	82002337	16,300	1
	600	82002338	19,000	1

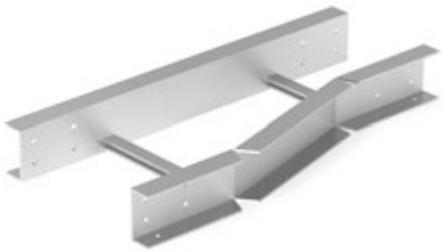
ETIM: EC002399

Bajo pedido, consultar disponibilidad
On request, check availability



Reducción Izquierda MGB CPS

MGB CPS Left Reducer



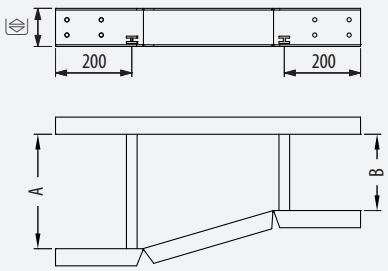
ESP-2208-5

• 100 • 300-600

	(A)	(B)	AL	kg/u	
100	300	200	82002339	3,900	1
	400	300	82002340	4,100	1
	600	400	82002341	4,400	1

ETIM: EC001007

Bajo pedido, consultar disponibilidad
On request, check availability



Reducción Derecha MGB CPS

MGB CPS Right Reducer



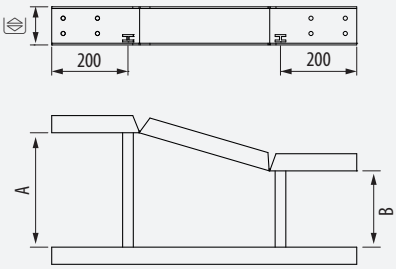
ESP-2208-5

• 100 • 300-600

	(A)	(B)	AL	kg/u	
100	300	200	82002342	3,900	1
	400	300	82002343	4,100	1
	600	400	82002344	4,400	1

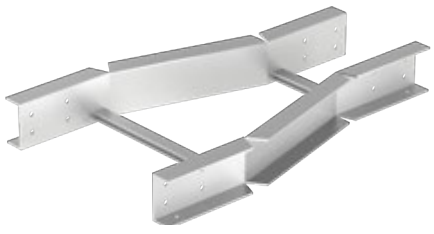
ETIM: EC001007

Bajo pedido, consultar disponibilidad
On request, check availability



Reducción Central MGB CPS

MGB CPS Central Reducer



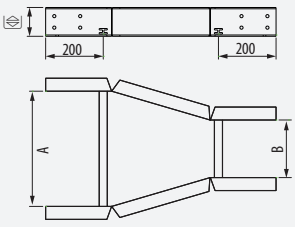
ESP-2208-5

• 100 • 300-600

	(A)	(B)	AL	kg/u	
100	300	200	82002392	3,900	1
	400	300	82002393	4,100	1
	600	400	82002394	4,400	1

ETIM: EC001007

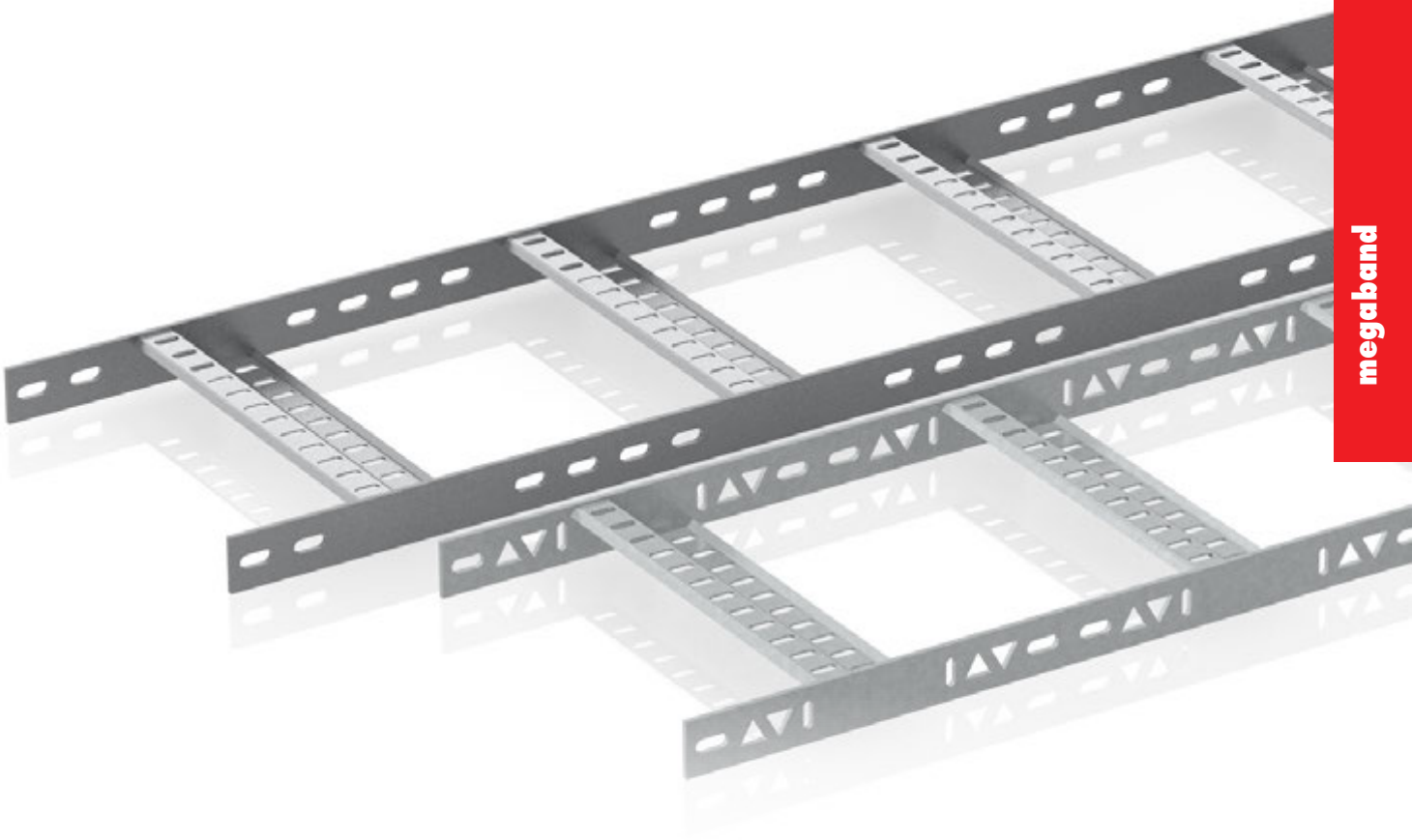
Bajo pedido, consultar disponibilidad
On request, check availability



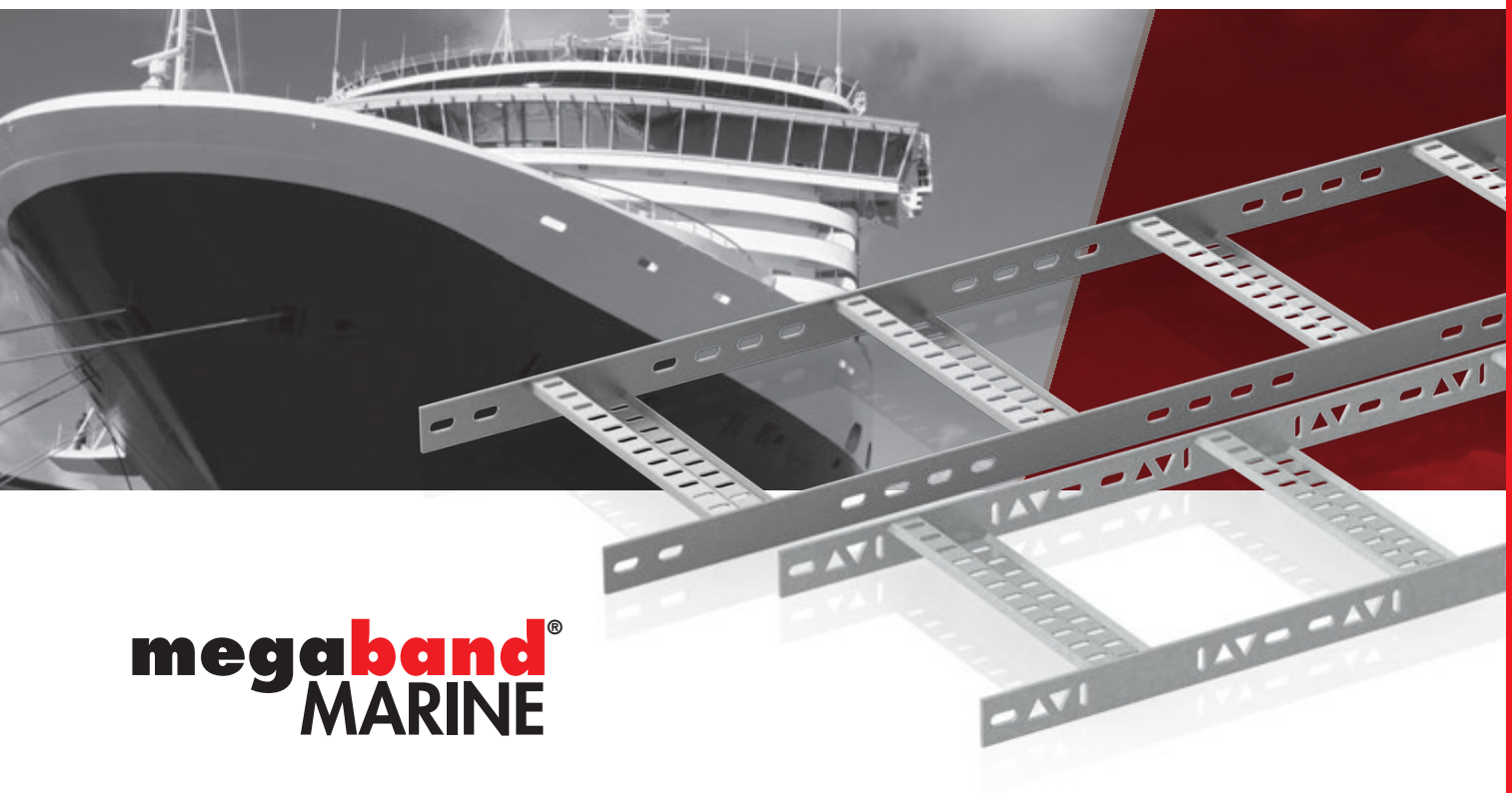
megaband® MARINE

Bandeja de escalera para Aplicaciones Navales y Offshore

Cable ladder for Marine and Offshore Application





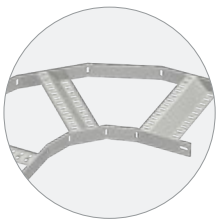


megaband® MARINE

Bandeja de escalera para Aplicaciones Navales y Offshore

Cable ladder for Marine and Offshore Application

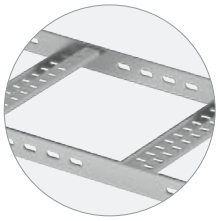
Ventajas y Características / *Advantages and features*



Gama de accesorios, uniones, curvas, etc.
Wide range of accessories

Largueros con espesor de 4 mm
Straight sections with 4 mm thickness

Ala 40 y longitud 2 metros se adapta a los espacios reducidos en galería de instalaciones de los barcos.
Sizes of 40 mm high and 2 metres length adapt to reduced spaces in ship installations



Excelente funcionalidad para el soporte de cables gracias a su configuración de travesaño y colisos
Excellent functionality for fixing and supporting cables thanks to its configuration of rungs and holes



GC	304	316L

Acabados de alta resistencia a la corrosión. Acabado galvanizado en caliente 85 micras. Aceros inoxidables AISI304 y AISI316L.
Hot Dip Galvanised. 85 microns. Class 8 acc. to IEC 61537

Soluciones de Producto / *Product Solutions*



Industria Naval
Marine Industry



Offshore, Puertos
Offshore, Ports

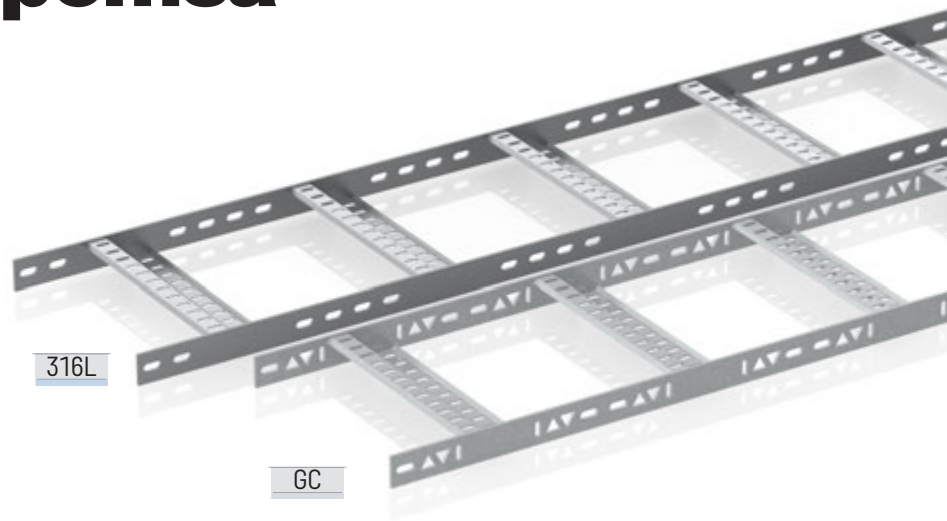
megaband® MARINE

pemsa

megaband® MARINE

Bandeja de escalera para Aplicaciones Navales y Offshore

Cable ladder for Marine and Offshore Application



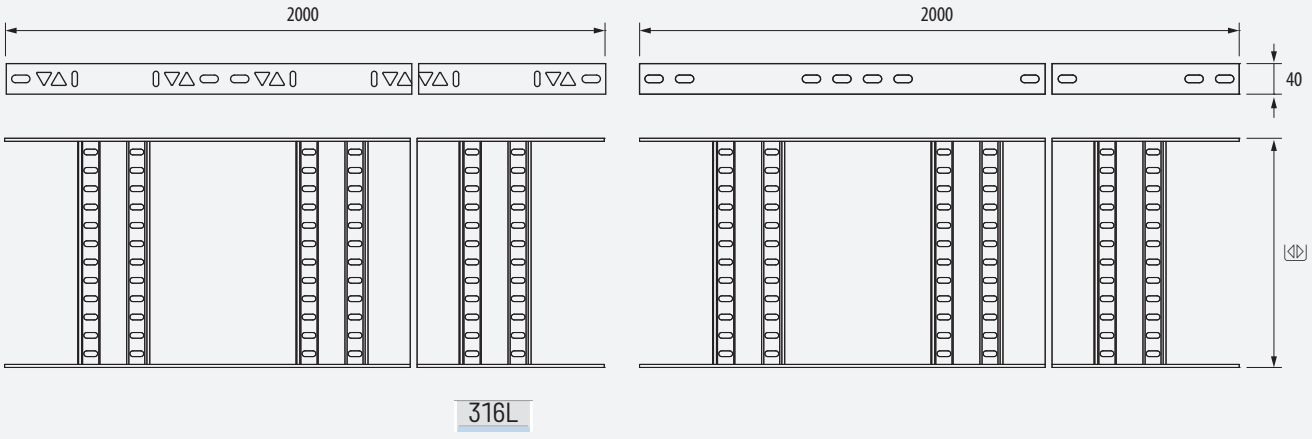
40 • 100-600 • 3000

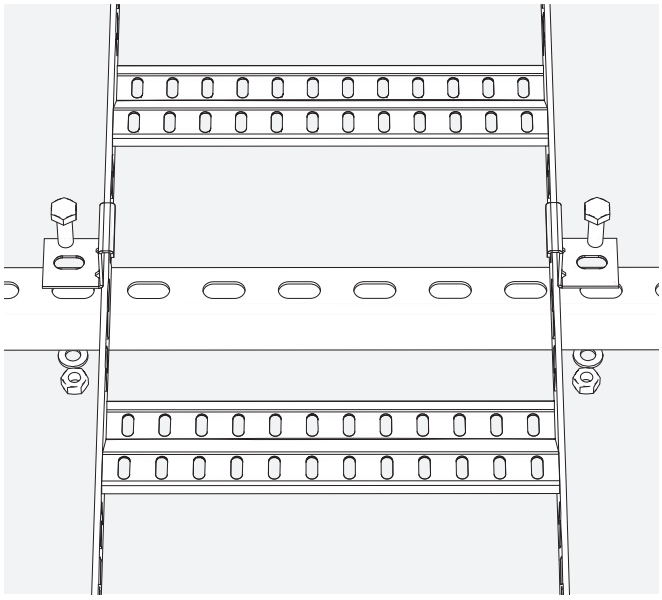
IEC 61537 CE RoHS III

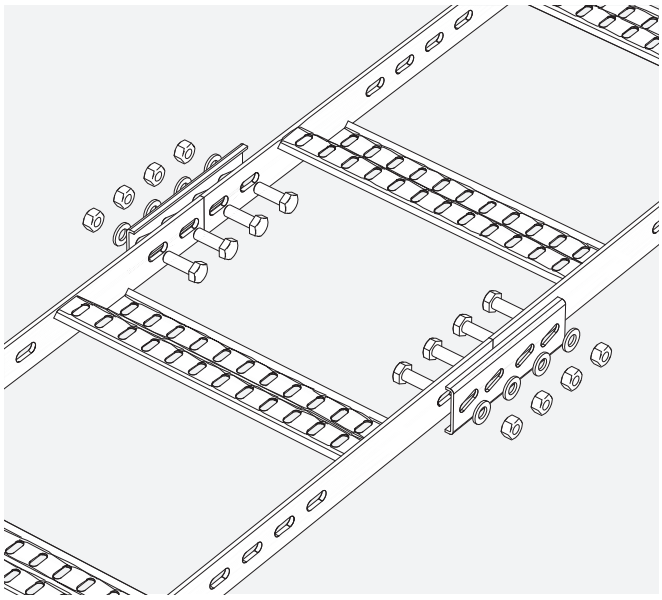
ETIM: EC000854

	$e_{(mm)}$	GC	316L [4]	kg/m GC	kg/m316	u
100	4	82003116	82003122	2,73	2,57	2
200	4	82003117	82003123	3,19	2,98	2
300	4	82003118	82003124	3,65	3,39	2
400	4	82003119	82003125	4,12	3,80	2
500	4	82003120	82003126	4,58	4,20	2
600	4	82003121	82003127	5,05	4,61	2

[4] Bajo pedido, consultar disponibilidad / *On request, check availability*





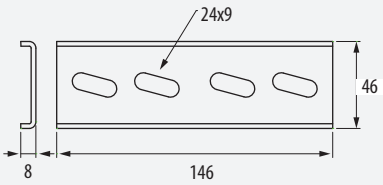


Unión **megaband**® Marine
Coupler **megaband**® *Marine*



• 100-600

S	Ref	kg/u	u
GC	82003130	0,150	10
316L	82003131	0,150	10



Kit Unión
Joint Kit

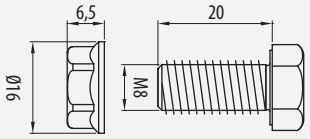


• 60-150 • 100-600

S	M	Ref 1	Ref 2	u
316L	M8x20+M8	67060065	67060062	100

• 60-150 • 100-600

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



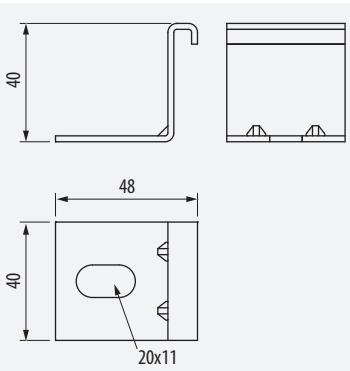
Fijación **megaband**® Marine
Hold Down Clamp **megaband**® *Marine*



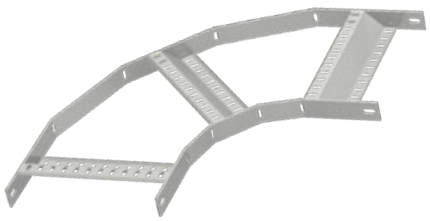
60-85-100-120 • 100-1000

S	Ref	kg/u	u
GC	82003128	0,023	10
316L	82003129	0,029	10

ETIM: EC002380

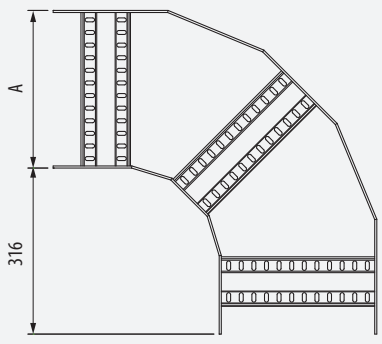


Curva 90° **megaband**® Marine
90° bend **megaband**® *Marine*



• 100-600

	GC	316L	e(mm)	kg/u	u
100	82003132	82003138	4	1,860	1
200	82003133	82003139	4	2,410	1
300	82003134	82003140	4	2,970	1
400	82003135	82003141	4	3,520	1
500	82003136	82003142	4	4,070	1
600	82003137	82003143	4	4,630	1

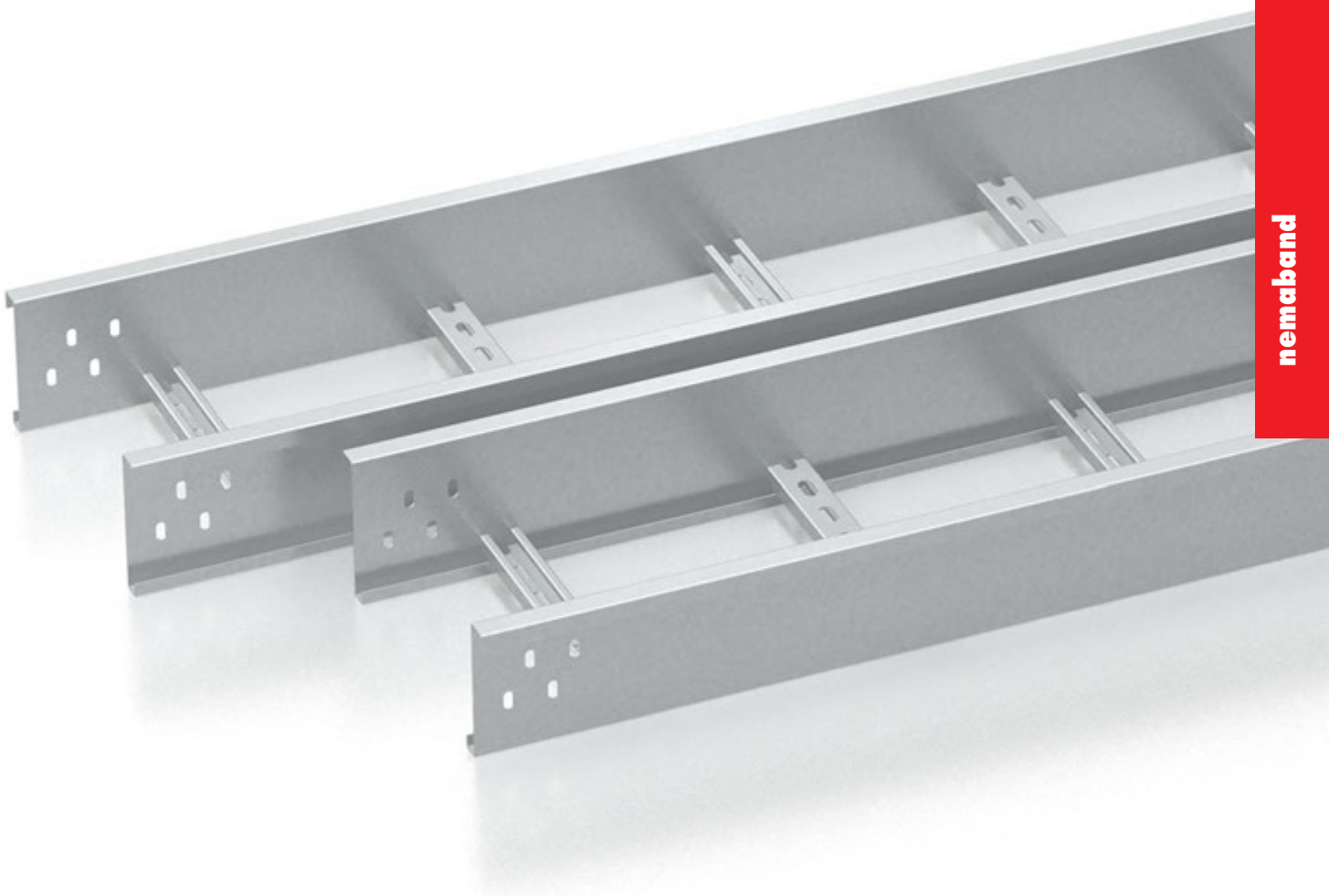


megaband

nemaband®

Bandeja de escalera para aplicaciones industriales y grandes vanos

Cable ladder for industrial and wide span applications







nemaband®

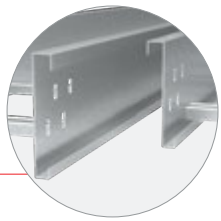
Bandeja de escalera para aplicaciones industriales y grandes vanos

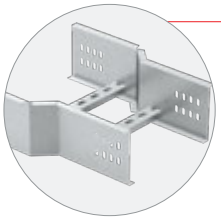
Cable ladder for industrial and wide span applications

Ventajas y Características / *Advantages and features*

NEMA Clasificacion 20C, segun norma NEMA VE1. 149 kg con distancia entre soportes de 6 metros
20 C Classification acc to NEMA VE1. 149 Kg with 6 metres span

Perfiles reforzados en formato Z y C.
Gran capacidad de carga
Z and C shape reinforced profiles.
Heavy duty loads

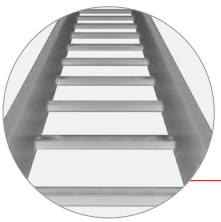




Amplia gama de medidas, accesorios, curvas, etc.
Wide range of sizes, accessories, bends, etc.

GC Acabado de alta resistencia a la corrosión.
Acabado galvanizado en caliente 85 micras
Hot Dip Galvanised. 85 microns.
Class 8 acc. to IEC 61537

Longitudes 3 y 6 metros
3 and 6 metre lengths



Soluciones de Producto / *Product Solutions*



Oil & Gas



Centrales de Energía
Energy Power Stations



I. Tratamiento de Agua
Water treatment Industry



Minería y Cementera
Mining and Cement



Offshore, Puertos
Offshore, Ports

pemsa

nemaband®

100, 150

Bandeja de escalera para grandes vanos

Wide span cable ladder

100, 150 • 100-1000
3000, 6000

CE IEC 61537 UK CA RoHS III R.VE-1 20C



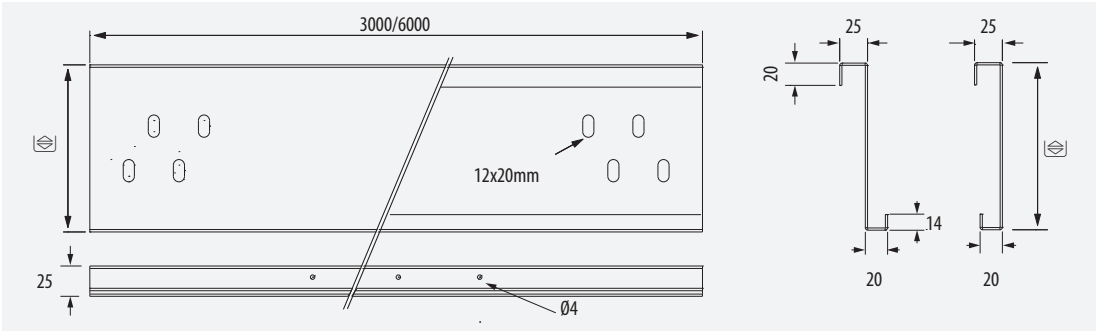
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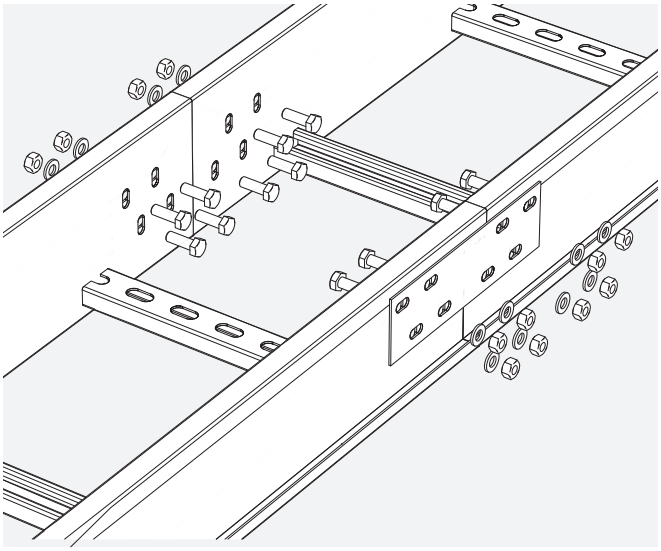
Perfil C / C Profile				
	*	GC - 6m	kg/m	u
100	150	82002711	7,608	3/6
	300	82002712	7,687	3/6
	450	82002713	7,727	3/6
	600	82002714	7,807	3/6
	750	82002715	7,846	3/6
	900	82002716	7,926	3/6
150	150	82002717	7,770	3/6
	300	82002718	7,850	3/6
	450	82002719	7,889	3/6
	600	82002720	7,969	3/6
	750	82002721	8,009	3/6
	900	82002722	8,088	3/6

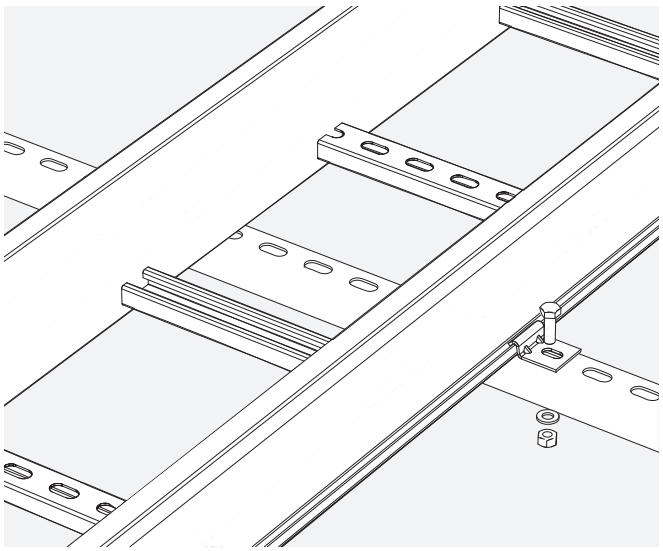
Perfil Z / Z Profile				
	*	GC - 6m	kg/m	u
100	150	82002723	5,863	3/6
	300	82002724	5,943	3/6
	450	82002725	5,983	3/6
	600	82002726	6,062	3/6
	750	82002727	6,102	3/6
	900	82002728	6,181	3/6
150	150	82002729	5,986	3/6
	300	82002730	6,066	3/6
	450	82002731	6,106	3/6
	600	82002732	6,185	3/6
	750	82002733	6,225	3/6
	900	82002734	6,305	3/6

* Disponible en otras medidas. *Available in other sizes*

Bajo pedido / *On request*







Unión Recta nemaband®
Coupler nemaband®

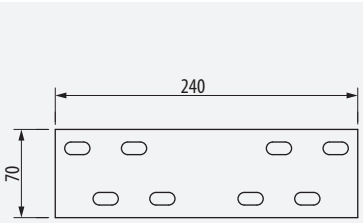


CE IEC 61537 UK CA RoHS III N.VE-1

• 100-150 • 100-1000

		Ref	kg/u	
GC	70	82002736	0,270	20

Bajo pedido, consultar disponibilidad
On request, check availability



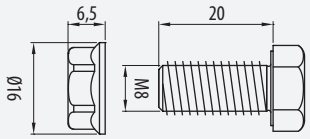
Kit Unión
Joint Kit



CE IEC 61537 UK CA RoHS III N.VE-1

• 100-150 • 100-1000

GC	M8x20+M8	67030094	0,018	100



Tornillo C/Exagonal
Hexagonal Set Screw

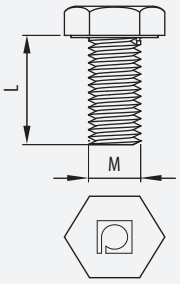


CE IEC 61537 UK CA RoHS III N.VE-1

• 100-150 • 100-1000

	M	Ref	kg/u	
GC	M10x20	67030059	0,023	100
	M10x35	67030077	0,029	100

ETIM: EC002380



Tuerca Hexagonal
Hexagonal Nut

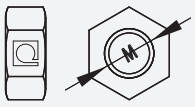


CE IEC 61537 UK CA RoHS III N.VE-1

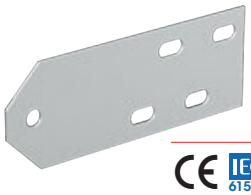
• 100-150 • 100-1000

	M	Ref	kg/u	
GC	M10	67030014	0,008	100

ETIM: EC000129



Bisagra Vertical nemaband®
Riser/Dropper nemaband®

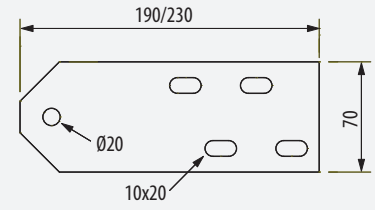


CE IEC 61537 UK CA RoHS III N.VE-1

• 100-150 • 100-1000

		Ref	kg/u	
GC	100	82002743	0,270	20
	150	82002744	0,460	20

Bajo pedido, consultar disponibilidad
On request, check availability



Bisagra Horizontal nemaband®
Riser/Dropper nemaband®

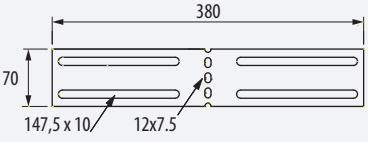


CE IEC 61537 UK CA RoHS III N.VE-1

• 100-150 • 100-1000

		Ref	kg/u	
GC	70	82002745	0,350	5

Bajo pedido, consultar disponibilidad
On request, check availability

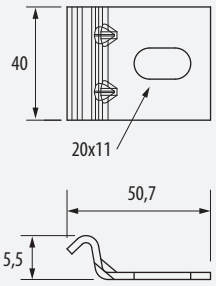


Fijación **nemaband®**
Hold Down Clamp **nemaband®**



• 100-150 • 100-1000				
S		Ref	kg/u	u
GC	70	82002746	0,047	10

Bajo pedido, consultar disponibilidad
On request, check availability

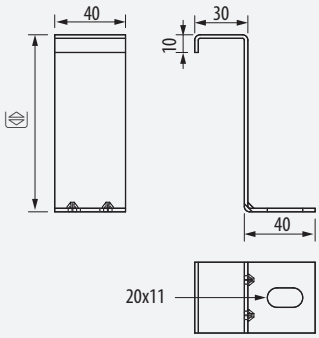


Fijación Base **nemaband®**
Hold Down Clamp **nemaband®**



• 100-150 • 100-1000				
S		Ref	kg/u	u
GC	100	82002747	0,139	4
	150	82002748	0,147	18

Bajo pedido, consultar disponibilidad
On request, check availability

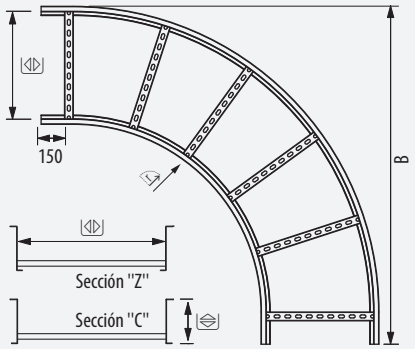


Curva 90° **nemaband®**
90° Bend **nemaband®**



• 100-150 • 100-1000					
		B	Ref	kg/u	u
int 300mm • S GC • Profil/Perfil C-Z					
100	150	625	82002821	4,920	1
	300	775	82002822	6,662	1
	450	925	82002823	8,879	1
	600	1075	82002824	10,621	1
	750	1225	82002825	13,549	1
	900	1375	82002826	15,528	1
150	150	625	82002827	6,424	1
	300	775	82002828	8,366	1
	450	925	82002829	10,782	1
	600	1075	82002830	12,723	1
	750	1225	82002831	15,850	1
	900	1375	82002832	18,029	1
int 600mm • S GC • Profil/Perfil C-Z					
100	150	925	82002833	7,624	1
	300	1075	82002834	9,366	1
	450	1225	82002835	11,820	1
	600	1375	82002836	13,799	1
	750	1525	82002837	15,779	1
	900	1675	82002838	17,758	1
150	150	925	82002839	9,926	1
	300	1075	82002840	11,867	1
	450	1225	82002841	14,520	1
	600	1375	82002842	16,699	1
	750	1525	82002843	18,878	1
	900	1675	82002844	21,057	1

Bajo pedido, consultar disponibilidad
On request, check availability



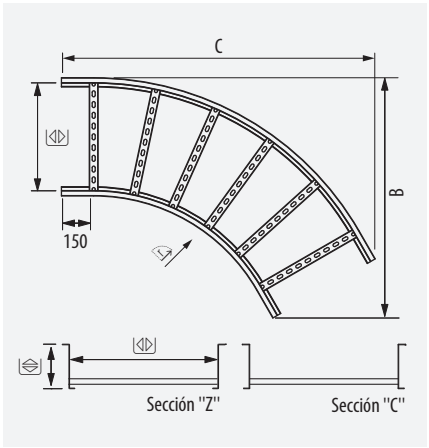
Curva 60° nemaband®

60° Bend **nemaband®**



• 100-150 • 100-900 • GC

B	C	Ref	kg/u	
int 300mm • 100 • Profil/Perfil C-Z				
150	467	636	82002797	3,990	1
300	617	766	82002798	5,546	1
450	767	896	82002799	7,577	1
600	917	1026	82002800	9,134	1
750	1067	1155	82002801	11,876	1
900	1217	1285	82002802	13,669	1
int 300mm • 150 • Profil/Perfil C-Z				
150	467	636	82002803	5,162	1
300	617	766	82002804	6,852	1
450	767	896	82002805	9,015	1
600	917	1026	82002806	10,705	1
750	1067	1155	82002807	13,580	1
900	1217	1285	82002808	15,506	1
int 600mm • 100 • Profil/Perfil C-Z				
150	617	896	82002809	9,820	1
300	767	1026	82002810	10,147	1
450	917	1155	82002811	10,473	1
600	1067	1285	82002812	11,323	1
750	1217	1415	82002813	11,925	1
900	1367	1545	82002814	12,226	1



• 100-150 • 100-900 • GC

B	C	Ref	kg/u	
int 600mm • 150 • Profil/Perfil C-Z				
150	617	896	82002815	7,654	1
300	767	1026	82002816	9,344	1
450	917	1155	82002817	11,745	1
600	1067	1285	82002818	13,671	1
750	1217	1415	82002819	15,598	1
900	1367	1545	82002820	17,524	1

Bajo pedido, consultar disponibilidad
On request, check availability

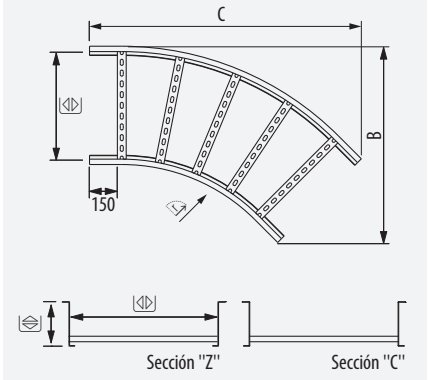
Curva 45° nemaband®

45° Bend **nemaband®**



• 100-150 • 100-900 • GC

B	C	Ref	kg/u	
int 300mm • 100 • Profil/Perfil C-Z				
150	386	591	82002773	3,526	1
300	536	698	82002774	4,516	1
450	686	804	82002775	5,505	1
600	836	910	82002776	6,495	1
750	986	1016	82002777	8,670	1
900	1136	1122	82002778	9,897	1
int 300mm • 150 • Profil/Perfil C-Z				
150	387	592	82002779	4,531	1
300	536	698	82002780	5,621	1
450	686	804	82002781	6,710	1
600	836	910	82002782	7,800	1
750	986	1016	82002783	10,074	1
900	1136	1122	82002784	11,401	1
int 600mm • 100 • Profil/Perfil C-Z				
150	474	804	82002785	4,877	1
300	624	910	82002786	6,104	1
450	774	1016	82002787	7,331	1
600	924	1122	82002788	8,558	1
750	1074	1228	82002789	10,970	1
900	1224	1334	82002790	12,433	1



• 100-150 • 100-900 • GC

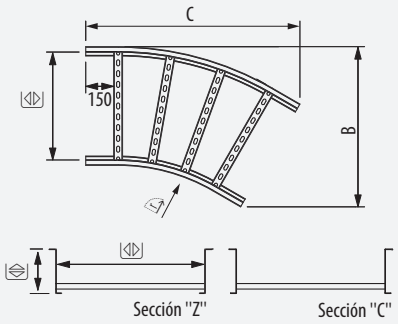
B	C	Ref	kg/u	
int 600mm • 150 • Profil/Perfil C-Z				
150	474	804	82002791	6,282	1
300	624	910	82002792	7,609	1
450	774	1016	82002793	8,935	1
600	924	1122	82002794	10,262	1
750	1074	1228	82002795	12,773	1
900	1224	1334	82002796	14,337	1

Bajo pedido, consultar disponibilidad
On request, check availability

Curva 30° nemaband®

30° Bend nemaband®





• 100-150 • 100-900 • GC

B	C	Ref	kg/u	
int 300mm • 100 • Profil/Perfil C-Z				
150	311	517	82002749	2,824	1
300	461	592	82002750	3,958	1
450	611	667	82002751	4,855	1
600	761	742	82002752	5,752	1
750	911	817	82002753	6,648	1
900	1061	892	82002754	7,545	1
int 300mm • 150 • Profil/Perfil C-Z				
150	312	517	82002755	3,664	1
300	461	592	82002756	4,864	1
450	611	667	82002757	5,827	1
600	761	742	82002758	6,791	1
750	911	817	82002759	7,754	1
900	1061	892	82002760	8,717	1
int 600mm • 100 • Profil/Perfil C-Z				
150	352	667	82002761	4,041	1
300	502	742	82002762	5,175	1
450	652	817	82002763	6,308	1
600	802	892	82002764	7,442	1
750	952	967	82002765	9,761	1
900	1102	1042	82002766	11,132	1

• 100-150 • 100-900 • GC

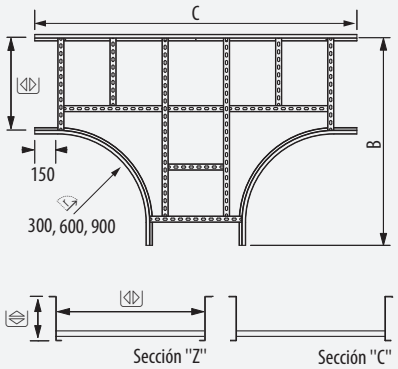
B	C	Ref	kg/u	
int 600mm • 150 • Profil/Perfil C-Z				
150	350	667	82002767	5,147	1
300	502	742	82002768	6,348	1
450	652	817	82002769	7,548	1
600	802	892	82002770	8,748	1
750	925	967	82002771	11,134	1
900	1102	1042	82002772	12,571	1

Bajo pedido, consultar disponibilidad
On request, check availability

Derivación T nemaband®

nemaband® *Tee*





• 100-150 • 100-900 • GC

B	C	Ref	kg/u	
int 300mm • 100 • Profil/Perfil C-Z				
150	1050	625	82002845	7,459	1
300	1200	775	82002846	8,763	1
450	1350	925	82002847	12,587	1
600	1500	1075	82002848	14,364	1
750	1650	1225	82002849	18,017	1
900	1800	1375	82002850	19,835	1
int 300mm • 150 • Profil/Perfil C-Z				
150	1050	625	82002851	9,650	1
300	1200	775	82002852	11,080	1
450	1350	925	82002853	15,031	1
600	1500	1075	82002854	16,935	1
750	1650	1225	82002855	20,715	1
900	1800	1375	82002856	22,660	1
int 600mm • 100 • Profil/Perfil C-Z				
150	1650	925	82002857	11,586	1
300	1800	1075	82002858	12,889	1
450	1950	1225	82002859	19,536	1
600	2100	1375	82002860	21,867	1
750	2250	1525	82002861	25,384	1
900	2400	1675	82002862	27,412	1

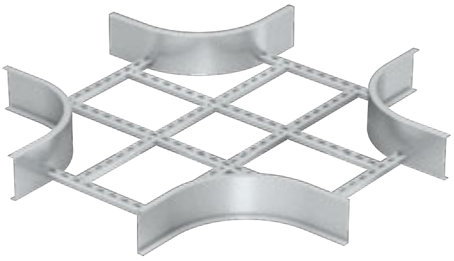
• 100-150 • 100-900 • GC

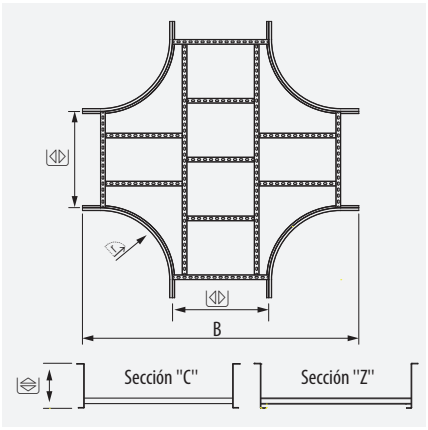
B	C	Ref	kg/u	
int 600mm • 150 • Profil/Perfil C-Z				
150	1650	925	82002863	15,082	1
300	1800	1075	82002864	16,512	1
450	1950	1225	82002865	23,286	1
600	2100	1375	82002866	25,744	1
750	2250	1525	82002867	29,387	1
900	2400	1675	82002868	31,543	1

Bajo pedido, consultar disponibilidad
On request, check availability

Cruce **nemaband®**

nemaband® *Crossover*





• 100-150 • 100-900

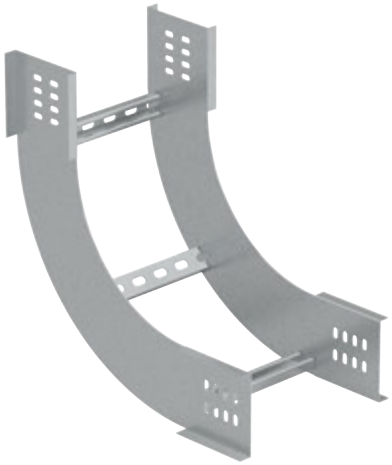
		B	Ref	kg/u	
int 300mm • GC • Profil/Perfil C-Z					
100	150	1050	82002869	10,274	1
	300	1200	82002870	11,696	1
	450	1350	82002871	15,980	1
	600	1500	82002872	17,876	1
	750	1650	82002873	20,659	1
	900	1800	82002874	22,550	1
150	150	1050	82002875	12,878	1
	300	1200	82002876	14,299	1
	450	1350	82002877	18,583	1
	600	1500	82002878	20,479	1
	750	1650	82002879	23,262	1
	900	1800	82002880	25,154	1
int 600mm • GC • Profil/Perfil C-Z					
100	150	1650	82002881	16,621	1
	300	1800	82002882	18,051	1
	450	1950	82002883	24,234	1
	600	2100	82002884	26,130	1
	750	2250	82002885	28,830	1
	900	2400	82002886	30,963	1
150	150	1650	82002887	20,821	1
	300	1800	82002888	22,251	1
	450	1950	82002889	28,434	1
	600	2100	82002890	30,330	1
	750	2250	82002891	33,030	1
	900	2400	82002892	35,163	1

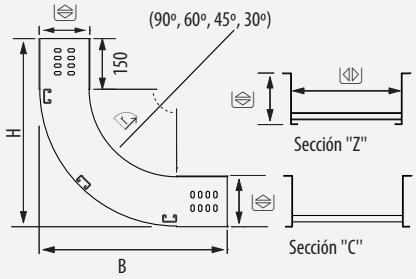
Bajo pedido, consultar disponibilidad
On request, check availability

pemsa

Cambio de Nivel Cóncavo CNC nemaband®

nemaband® *Inside Riser*





B	H	Ref	kg/u	
GC • ∠ 30° • 100 • 300				
150	458	209	82002894	1,880	1
300			82002895	1,920	1
450			82002896	1,960	1
600			82002897	1,990	1
750			82002898	2,030	1
900			82002899	2,060	1
GC • ∠ 30° • 100 • 600				
150	608	250	82002906	2,470	1
300			82002907	2,500	1
450			82002908	2,530	1
600			82002909	2,560	1
750			82002910	2,590	1
900			82002911	2,620	1
GC • ∠ 45° • 100 • 300				
150	508	281	82002918	2,160	1
300			82002919	2,220	1
450			82002920	2,260	1
600			82002921	2,310	1
750			82002922	3,350	1
900			82002923	2,400	1
GC • ∠ 45° • 100 • 600				
150	721	369	82002930	2,930	1
300			82002931	2,980	1
450			82002932	3,040	1
600			82002933	3,090	1
750			82002934	3,140	1
900			82002935	3,200	1
GC • ∠ 60° • 100 • 300				
150	534	358	82002942	2,430	1
300			82002943	2,480	1
450			82002944	2,530	1
600			82002945	2,580	1
750			82002946	2,640	1
900			82002947	2,690	1
GC • ∠ 60° • 100 • 600				
150	794	508	82002954	3,500	1
300			82002955	3,530	1
450			82002956	3,560	1
600			82002957	3,590	1
750			82002958	3,620	1
900			82002959	3,650	1
GC • ∠ 90° • 100 • 300				
150	507	507	82002966	2,960	1
300			82002967	3,010	1
450			82002968	3,060	1
600			82002969	3,110	1
750			82002970	3,170	1
900			82002971	3,220	1
GC • ∠ 90° • 100 • 600				
150	807	807	82002978	4,510	1
300			82002979	4,580	1
450			82002980	4,650	1
600			82002981	4,720	1
750			82002982	4,800	1
900			82002983	4,860	1

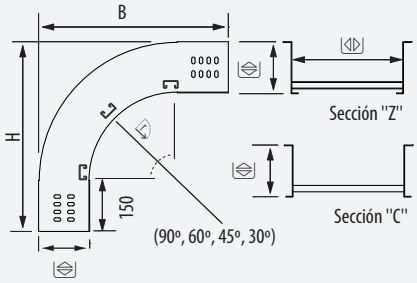
B	H	Ref	kg/u	
GC • ∠ 30° • 150 • 300				
150	483	260	82002900	2,730	1
300			82002901	2,770	1
450			82002902	2,800	1
600			82002903	2,840	1
750			82002904	2,870	1
900			82002905	2,900	1
GC • ∠ 30° • 150 • 600				
150	633	300	82002912	3,380	1
300			82002913	3,410	1
450			82002914	3,440	1
600			82002915	3,470	1
750			82002916	3,500	1
900			82002917	3,530	1
GC • ∠ 45° • 150 • 300				
150	544	331	82002924	3,170	1
300			82002925	2,230	1
450			82002926	3,290	1
600			82002927	3,330	1
750			82002928	3,390	1
900			82002929	3,440	1
GC • ∠ 45° • 150 • 600				
150	756	419	82002936	4,340	1
300			82002937	4,390	1
450			82002938	4,440	1
600			82002939	4,490	1
750			82002940	4,550	1
900			82002941	4,610	1
GC • ∠ 60° • 150 • 300				
150	577	408	82002948	3,610	1
300			82002949	3,660	1
450			82002950	3,710	1
600			82002951	3,770	1
750			82002952	3,820	1
900			82002953	3,870	1
GC • ∠ 60° • 150 • 600				
150	837	558	82002960	5,160	1
300			82002961	5,200	1
450			82002962	5,260	1
600			82002963	5,320	1
750			82002964	5,380	1
900			82002965	5,420	1
GC • ∠ 90° • 150 • 300				
150	557	557	82002972	4,470	1
300			82002973	4,530	1
450			82002974	4,580	1
600			82002975	4,630	1
750			82002976	4,690	1
900			82002977	4,740	1
GC • / 90° • 150 • 600				
150	857	857	82002984	6,820	1
300			82002985	6,890	1
450			82002986	6,970	1
600			82002987	7,040	1
750			82002988	7,110	1
900			82002989	7,180	1

Bajo pedido, consultar disponibilidad
On request, check availability

Cambio de Nivel Convexo CNV
nemaband®

nemaband® *90° Outside Riser*





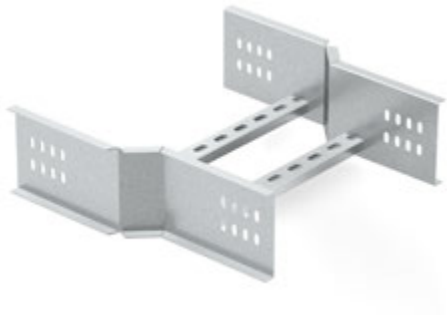
⇔	B	H	Ref	kg/u	
GC • / 30° • ⇕ 100 • ⇔ 300					
150	458	209	82002990	1,810	1
300			82002991	1,820	1
450			82002992	1,850	1
600			82002993	1,860	1
750			82002994	1,880	1
900			82002995	1,900	1
GC • / 30° • ⇕ 100 • ⇔ 600					
150	608	250	82003002	2,310	1
300			82003003	2,330	1
450			82003004	2,360	1
600			82003005	2,390	1
750			82003006	2,420	1
900			82003007	2,450	1
GC • / 45° • ⇕ 100 • ⇔ 300					
150	508	281	82003014	2,170	1
300			82003015	2,220	1
450			82003016	2,270	1
600			82003017	2,310	1
750			82003018	2,360	1
900			82003019	2,400	1
GC • / 45° • ⇕ 100 • ⇔ 600					
150	721	369	82003026	2,930	1
300			82003027	2,980	1
450			82003028	3,040	1
600			82003029	3,090	1
750			82003030	3,140	1
900			82003031	3,200	1
GC • / 60° • ⇕ 100 • ⇔ 300					
150	534	358	82003038	2,430	1
300			82003039	2,480	1
450			82003040	2,530	1
600			82003041	2,580	1
750			82003042	2,640	1
900			82003043	2,690	1
GC • / 60° • ⇕ 100 • ⇔ 600					
150	794	508	82003050	3,500	1
300			82003051	3,530	1
450			82003052	3,560	1
600			82003053	3,590	1
750			82003054	3,620	1
900			82003055	3,650	1
GC • / 90° • ⇕ 100 • ⇔ 300					
150	507	507	82003062	2,960	1
300			82003063	3,010	1
450			82003064	3,060	1
600			82003065	3,110	1
750			82003066	3,170	1
900			82003067	3,220	1
GC • / 90° • ⇕ 100 • ⇔ 600					
150	807	807	82003074	4,510	1
300			82003075	4,580	1
450			82003076	4,650	1
600			82003077	4,720	1
750			82003078	4,800	1
900			82003079	4,860	1

⇔	B	H	Ref	kg/u	
GC • / 30° • ⇕ 150 • ⇔ 300					
150	483	260	82002996	2,730	1
300			82002997	2,770	1
450			82002998	2,800	1
600			82002999	2,840	1
750			82003000	2,870	1
900			82003001	2,900	1
GC • / 30° • ⇕ 150 • ⇔ 600					
150	633	300	82003008	3,380	1
300			82003009	3,410	1
450			82003010	3,440	1
600			82003011	3,470	1
750			82003012	3,500	1
900			82003013	3,530	1
GC • / 45° • ⇕ 150 • ⇔ 300					
150	544	331	82003020	3,170	1
300			82003021	2,230	1
450			82003022	3,290	1
600			82003023	3,330	1
750			82003024	3,390	1
900			82003025	3,440	1
GC • / 45° • ⇕ 150 • ⇔ 600					
150	756	419	82003032	4,340	1
300			82003033	4,390	1
450			82003034	4,440	1
600			82003035	4,490	1
750			82003036	4,550	1
900			82003037	4,610	1
GC • / 60° • ⇕ 150 • ⇔ 300					
150	577	408	82003044	3,610	1
300			82003045	3,660	1
450			82003046	3,710	1
600			82003047	3,770	1
750			82003048	3,820	1
900			82003049	3,870	1
GC • / 60° • ⇕ 150 • ⇔ 600					
150	837	558	82003056	5,160	1
300			82003057	5,200	1
450			82003058	5,260	1
600			82003059	5,320	1
750			82003060	5,380	1
900			82003061	5,420	1
GC • / 90° • ⇕ 150 • ⇔ 300					
150	557	557	82003068	4,470	1
300			82003069	4,530	1
450			82003070	4,580	1
600			82003071	4,630	1
750			82003072	4,690	1
900			82003073	4,740	1
GC • / 90° • ⇕ 150 • ⇔ 600					
150	857	857	82003080	6,820	1
300			82003081	6,890	1
450			82003082	6,970	1
600			82003083	7,040	1
750			82003084	7,110	1
900			82003085	7,180	1

Bajo pedido, consultar disponibilidad
On request, check availability

Reducción Central nemaband®

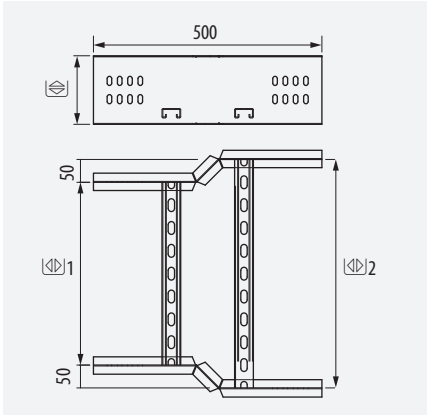
nemaband® *Equal Reducer*



CE IEC 61537 UK CA RoHS III N.V.E-1

• 100-150 • 100-1000					
	⇔1	⇔2	Ref	kg/u	u
GC • Profil/Perfil C					
100	300	150	82003086	3,020	1
	450	300	82003087	3,490	1
	600	450	82003088	3,970	1
	750	600	82003089	4,440	1
	900	750	82003090	4,920	1
150	300	150	82003091	3,920	1
	450	300	82003092	4,390	1
	600	450	82003093	4,870	1
	750	600	82003094	5,340	1
	900	750	82003095	5,820	1

Bajo pedido, consultar disponibilidad
On request, check availability



Reducción Derecha nemaband®

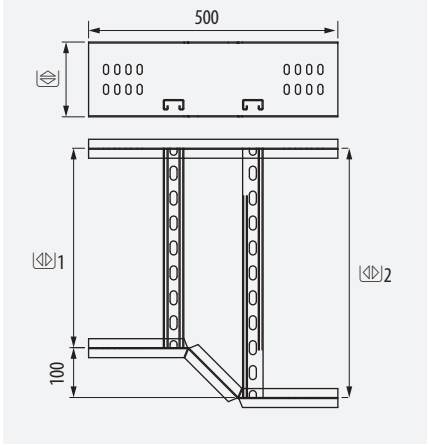
nemaband® *Right Reducer*



CE IEC 61537 UK CA RoHS III N.V.E-1

• 100-150 • 100-1000					
	⇔1	⇔2	Ref	kg/u	u
GC • Profil/Perfil C					
100	300	150	82003096	3,030	1
	450	300	82003097	3,510	1
	600	450	82003098	3,980	1
	750	600	82003099	4,460	1
	900	750	82003100	4,930	1
150	300	150	82003101	3,930	1
	450	300	82003102	4,410	1
	600	450	82003103	4,880	1
	750	600	82003104	5,350	1
	900	750	82003105	5,830	1

Bajo pedido, consultar disponibilidad
On request, check availability



Reducción Izquierda nemaband®

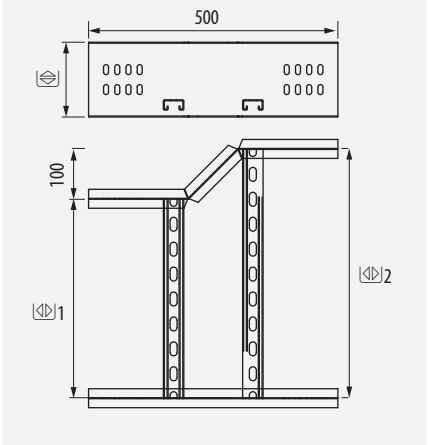
nemaband® *Left Reducer*



CE IEC 61537 UK CA RoHS III N.V.E-1

• 100-150 • 100-1000					
	⇔1	⇔2	Ref	kg/u	u
GC • Profil/Perfil C					
100	300	150	82003106	3,030	1
	450	300	82003107	3,510	1
	600	450	82003108	3,980	1
	750	600	82003109	4,460	1
	900	750	82003110	4,930	1
150	300	150	82003111	3,930	1
	450	300	82003112	4,410	1
	600	450	82003113	4,880	1
	750	600	82003114	5,350	1
	900	750	82003115	5,830	1

Bajo pedido, consultar disponibilidad
On request, check availability



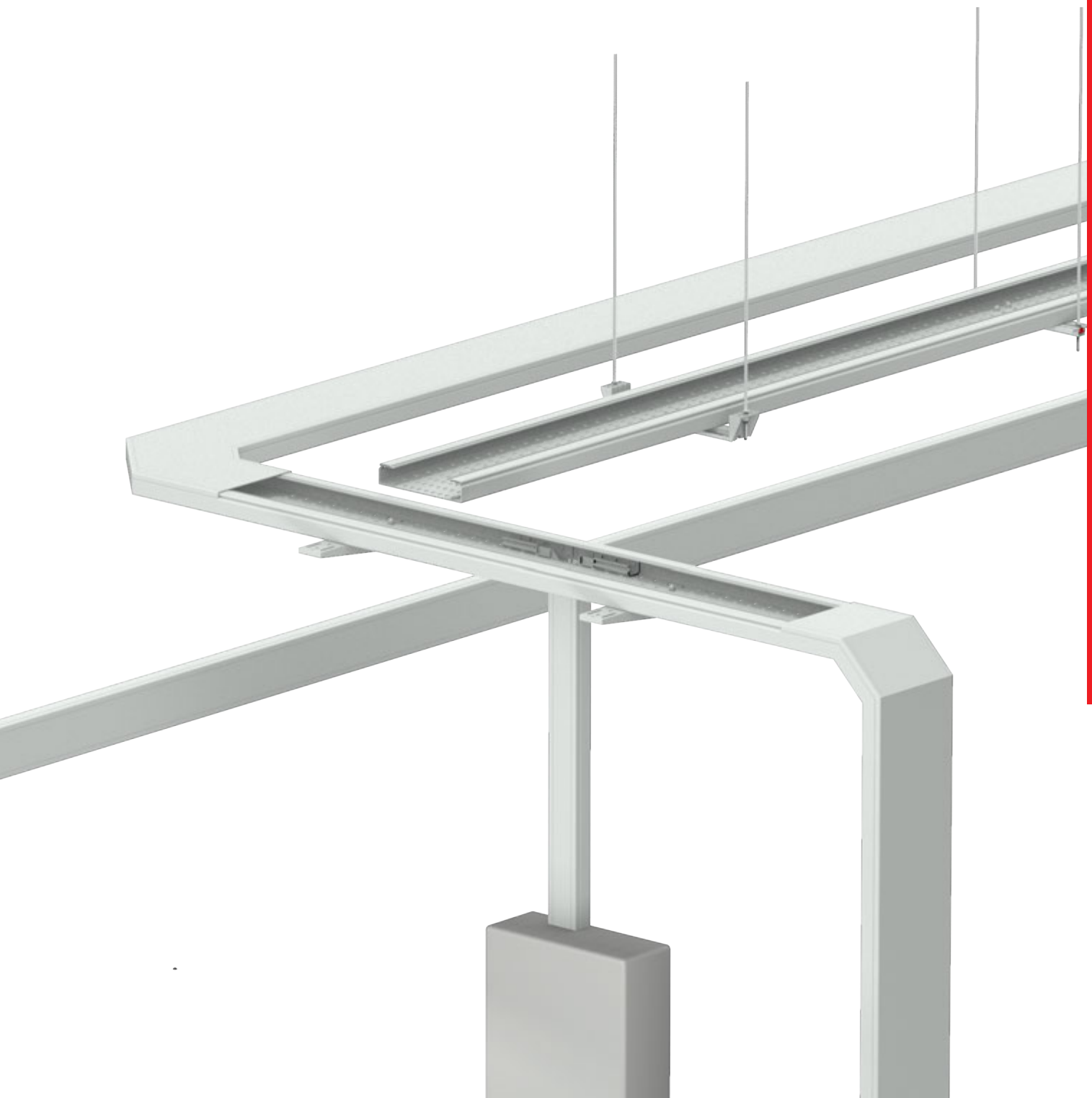
pemsa

metatray

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Sistema de bandejas aislantes

Insulating cable trays system



metatray

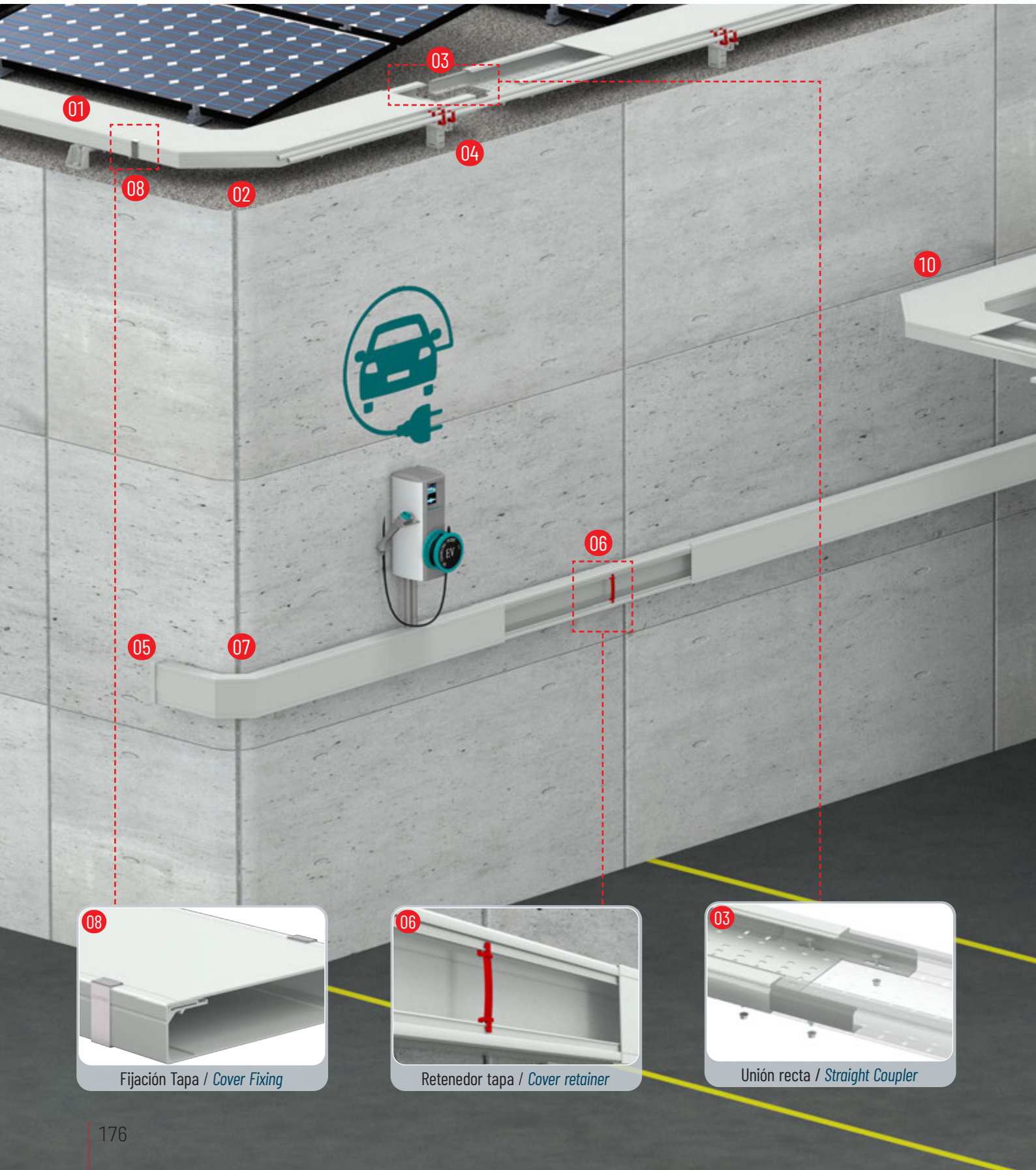
metatray

pemsa

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Un paso por delante en bandejas aislantes

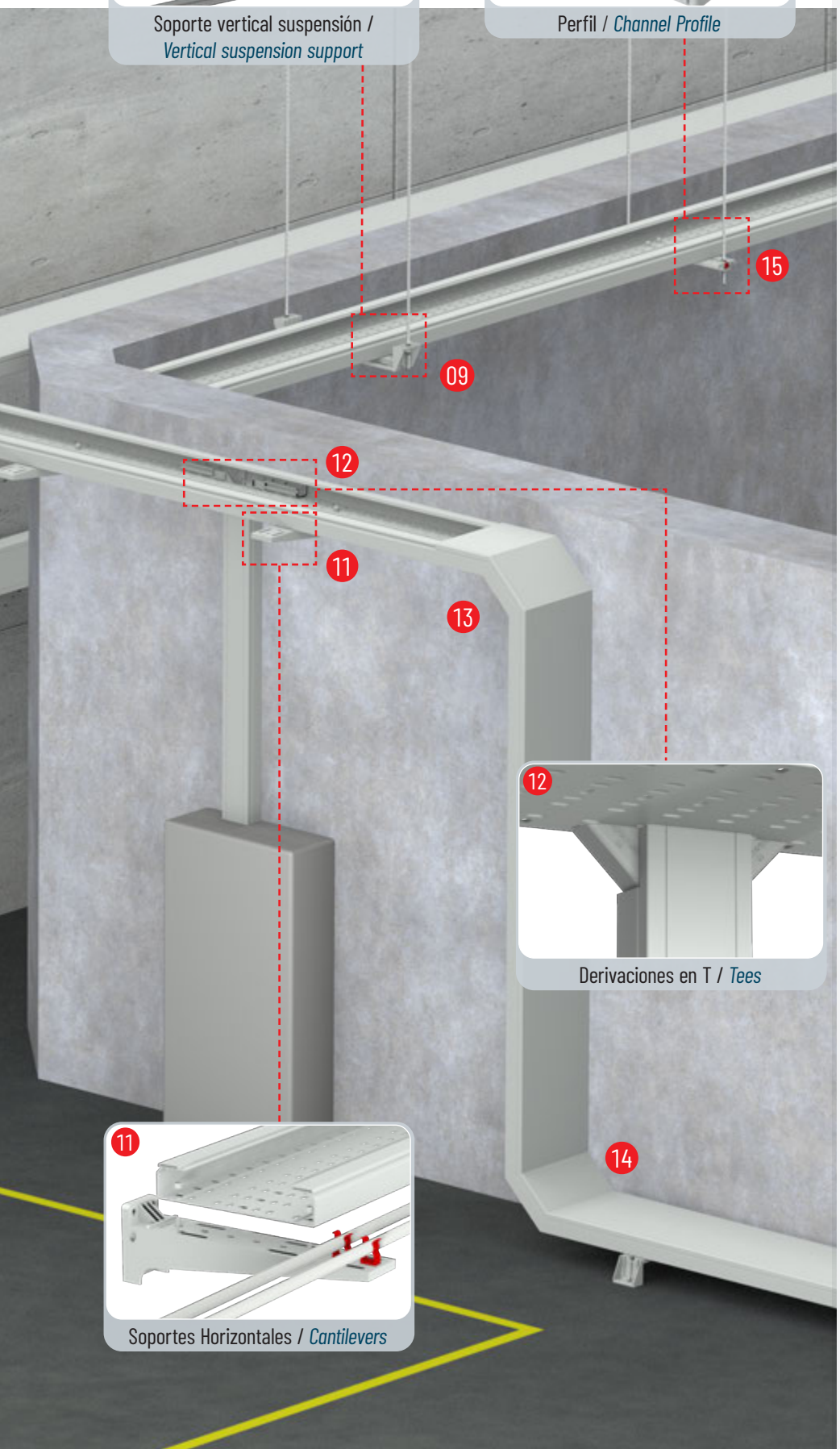
One step forward on insulating cable trays

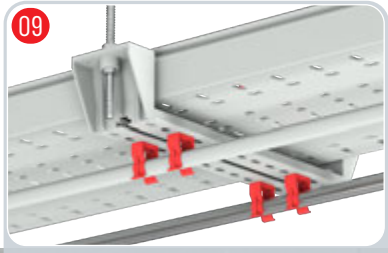


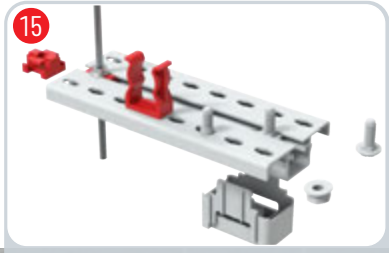
Fijación Tapa / *Cover Fixing*

Retenedor tapa / *Cover retainer*

Unión recta / *Straight Coupler*



09

Soporte vertical suspensión / *Vertical suspension support*

15

Perfil / *Channel Profile*

12

Derivaciones en T / *Tees*

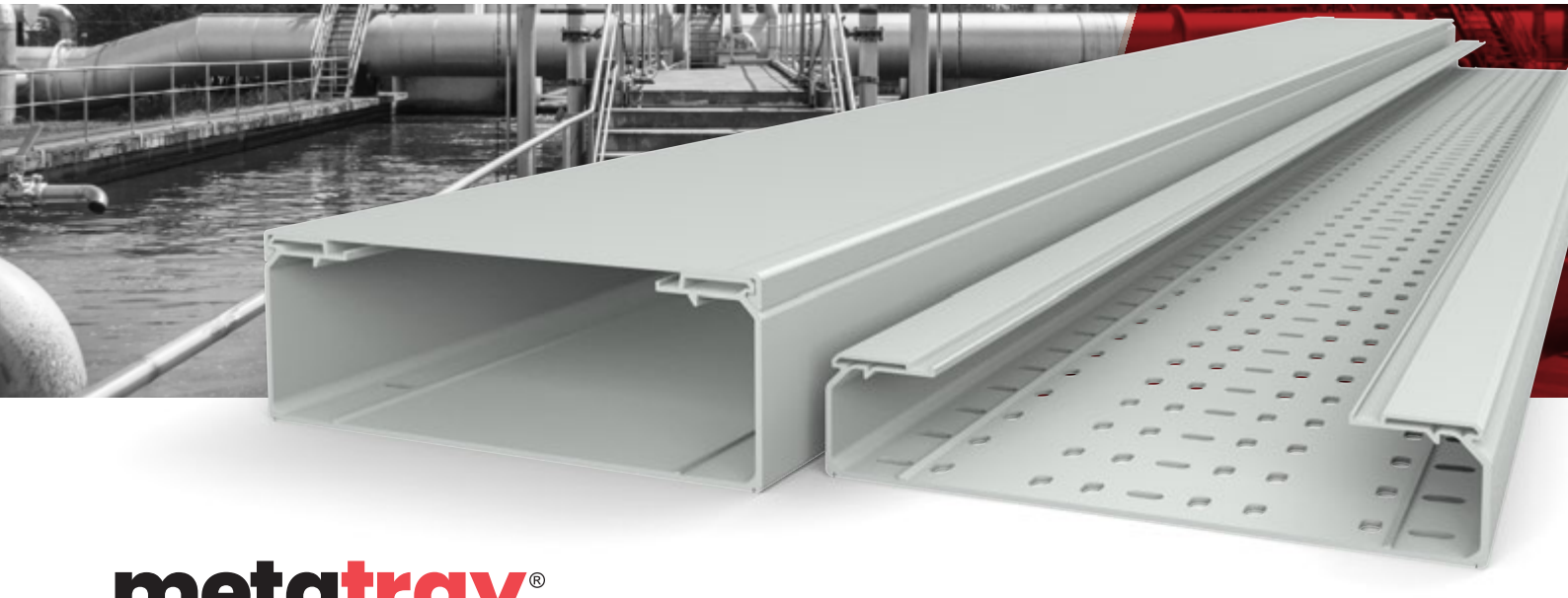
11

Soportes Horizontales / *Cantilevers*

Marcas de calidad y certificaciones
Quality marks and certifications

- IEC 61537 — Norma internacional de bandejas / *International standard of cable trays*
- EN 50085 — Norma internacional de canales / *International standard of cable trunking*
- AENOR — Marcado N AENOR EN 61537 EN 50085 / *AENOR N Mark*
- IECEE CB Scheme — CB Scheme IEC 61537
- CE — Conformidad CE, Directiva 2014/35/UE / *CE conformity, directive 2014/35/UE*
- UKCA — Conformidad UKCA / *UKCA conformity*
- RoHS III — RoHS 2015/863/UE

01 188
02 192
03 184
04 190
05 194
06 188
07 184
08 186
09 188
10 192
11 188
12 194
13 194
14 192
15 190



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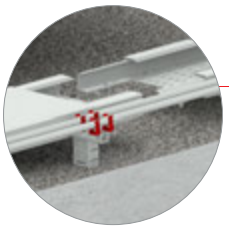
Bandejas aislantes perforadas y ciegas para cables

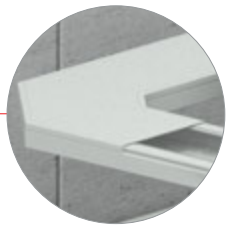
Insulating perforated and solid cable trays

Características generales y sectores de aplicación / *General features and application sectors*

Amplia gama de accesorios con múltiples aplicaciones

Wide range of accessories with a large number of applications





Máxima funcionalidad y adaptación a diferentes espacios y ambientes

Maximum functionality and adaptability to different spaces and environments

Excelente comportamiento en ambientes corrosivos, intemperie y exposición a la radiación UV

Excellent performance in corrosive environments, weathering and radiation exposure

Material aislante. Seguridad eléctrica y reducción de costes en mantenimiento

Insulating material. Electrical safety and reduced maintenance costs

Respetuosa con el medio ambiente. Material reciclable. Packaging sostenible

Environmentally friendly. Recyclable material. Sustainable packaging

Sistema patentado. Innovación y desarrollo de producto propio

Patented system. Innovation and own product development

Soluciones de Producto / *Product Solutions*



Energías renovables

Renewable energies



Terciario construcción

Service and Retail construction



Tratamiento de agua

Water treatment



Vehículo eléctrico

Electric vehicle



Industria Naval

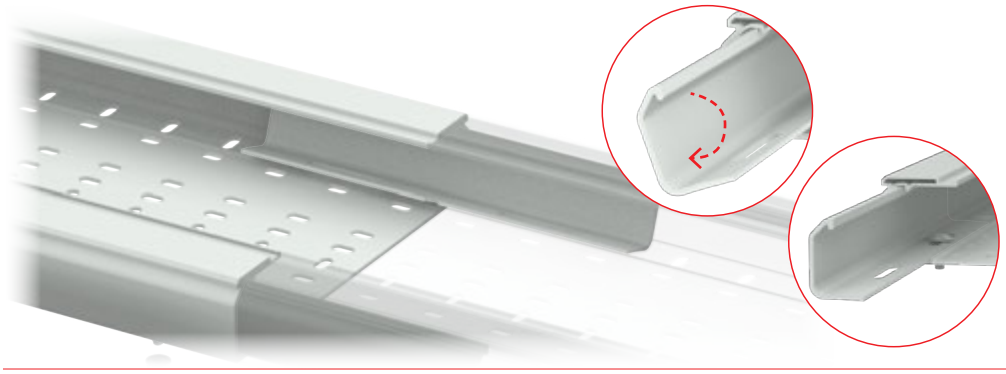
Marine Industry



Industria Petroquímica

Petrochemical Industry

Características diferenciadoras / *Differentiating features*



Sistema de unión con Encaje y prefijación para una rápida conexión

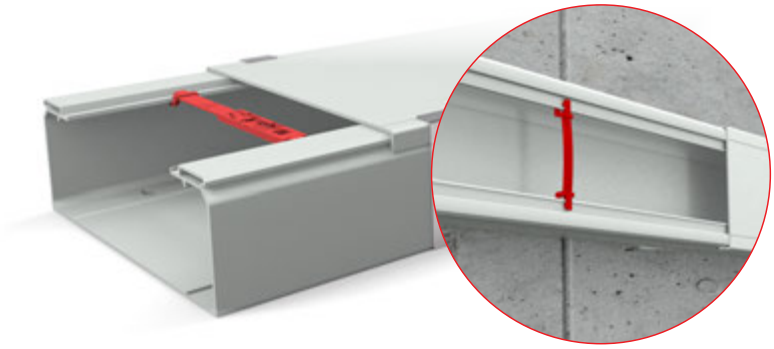
Snap-on and prefixed jointing system for quick connection

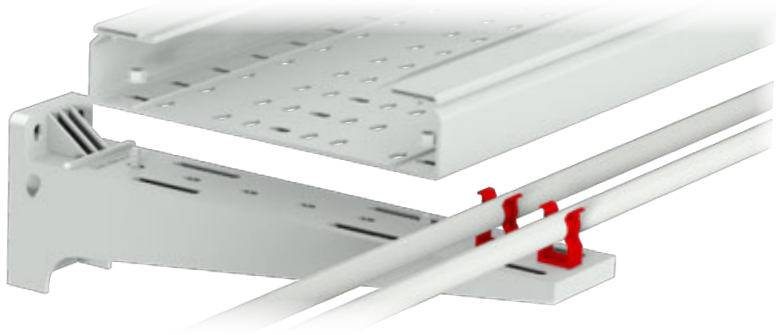
Retenedor tapa

Evita deformaciones por gradientes térmicos y favorece la extracción/montaje de las tapas

Cover retainer

Prevents deformation due to temperature gradients and facilitates the removal/ assembly of the covers



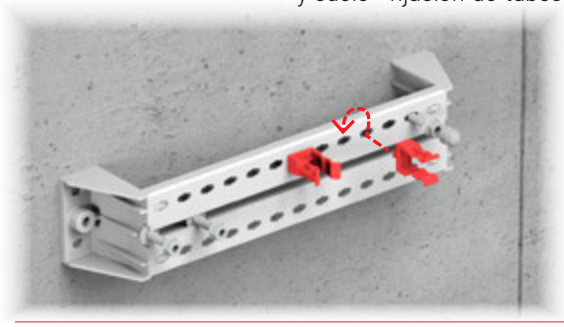


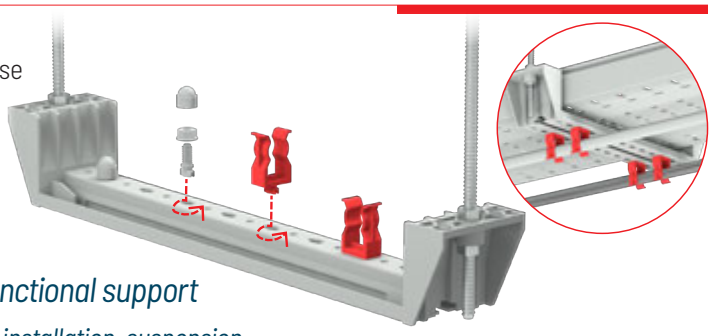
Soportes horizontales con perforaciones para Clip Fijación Tubos y Tornillo Clip

Cantilevers with perforations for Conduit Clips and Clip Joint Kits

Soporte multifunción

Instalación vertical, suspensión y suelo +fijación de tubos en la base





Multifunctional support

Vertical installation, suspension and floor installation + conduit fixing on the base



Perfil multifución. Diseño innovador para insertar accesorios.

Channel designed to fit accesories



Guía de Selección: Sistema de bandejas aislantes, soportes y accesorios

Selection Guide: Insulating cable trays, supports and accessories.

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				Uniones / *Joints*					
									
		Bandeja perforada *Perforated cable tray*	Bandeja ciega *Solid cable tray*	Unión *Coupler*	Kit Tornillo *Joint kit*	Unión refuerzo base (> 400m) *Reinforced base joint*	Union central refuerzo (> 300m) *Reinforced central joint*	Unión Esquina *Corner joint*	Bisagra vertical *Vertical hinge*
60	100	82004160	82003651	82003672	81000298	-	-	81000282	81000284
	150	82004161	82003652						
	200	82004162	82003653						
	300	82004163	82003654				82004223		
	400	82004164	82003655			81000290			
100	200	82004165	82003656	82003673 82004247		-	-	81000283	81000285
	300	82004166	82003657				82004223		
	400	82004167	82003658			81000290			
	500	82004168	82003659				82004224		
	600	82004169	82003660						
		182	183	184	184	184	184	186	

				Soportes / *Supports*		Montaje / *Assembly*		
								
		Bandeja perforada *Perforated cable tray*	Bandeja ciega *Solid cable tray*	Perfil Aislante *Channel*	Pie elevador *Elevating foot*	Tope perfil *Strut plug*	Tornillo Clip *Clip joint*	Protector aislante *Insulating protector*
60	100	82004160	82003651	L=1 m 82003670 / L= 2m 82003671	81000294	81000295	81000297	81000401
	150	82004161	82003652					
	200	82004162	82003653					
	300	82004163	82003654					
	400	82004164	82003655					
100	200	82004165	82003656					
	300	82004166	82003657					
	400	82004167	82003658					
	500	82004168	82003659					
	600	82004169	82003660					
		182	183	190	190	190	190	190

Guía de Selección: Sistema de bandejas aislantes, soportes y accesorios

Selection Guide: Insulating cable trays, supports and accessories.

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Uniones / *Joints*	Soportes / *Supports*		Montaje / *Assembly*					
								
Bisagra Cambio de Nivel *Riser/dropper*	Soporte horizontal *Cantilever*	Soporte vertical. Suspensión *Suspension vertical support*	Tapa *Cover*	Clip Fijación tapa *Cover fixing*	Retenedor *Cover retainer*	Tabique separador *Divider*	Clip fijación tubo *Conduit fixing clip*	
81000286	81000270	82003674	82003663	81000296	81000351	82003661	DN16	81000277
	81000271	82003675	82003664		81000291		DN20	81000278
	81000272	82003676	82003665		81000292		DN25	81000279
	81000273	82003677	82003666		81000292		DN32	81000280
	81000274	82003678	82003667		81000293		DN40	81000281
81000287	81000272	82003676	82003665	81000311	81000292	82003662	DN16	81000277
	81000273	82003677	82003666		81000292		DN20	81000278
	81000274	82003678	82003667		81000293		DN25	81000279
	81000420	82003679	82003668		81000293		DN32	81000280
	81000421	82003680	82003669		81000293		DN40	81000281
186	188	188	186	186	188	188	190	

Accesorios de bandejas / *Cable tray accessories*

							
Curva 90º *90º bend*	Tapa Curva 90 *90º bend cover*	Cambio de Nivel CNV *Outside riser*	Tapa CNV *Outside riser cover*	Cambio de Nivel CNC *Inside riser*	Tapa CNC *Inside riser cover*	Unión Derivación *T-joint*	Tapa final *End cover*
82003722	82003732	82003688	82003698	82003705	82003715	81000288	82003681
82003723	82003733	82003689	82003699	82003706	82003716		82003682
82003724	82003734	82003690	82003700	82003707	82003717		82003683
82003725	82003735	82003691	82003701	82003708	82003718		82003684
82003726	82003736	82003692	82003702	82003709	82003719		82003685
82003727	82004067	82003693	82004061	82003710	82004064	81000289	82003686
82003728	82004068	82003694	82004062	82003711	82004065		82003687
82003729	82004069	82003695	82004063	82003712	82004066		82003739
82003730	82003737	82003696	82003703	82003713	82003720		82003740
82003731	82003738	82003697	82003704	82003714	82003721		82003741
192	192	192	192	194	194	194	194

pemsa

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Bandeja aislante perforada

Perforated insulating cable tray

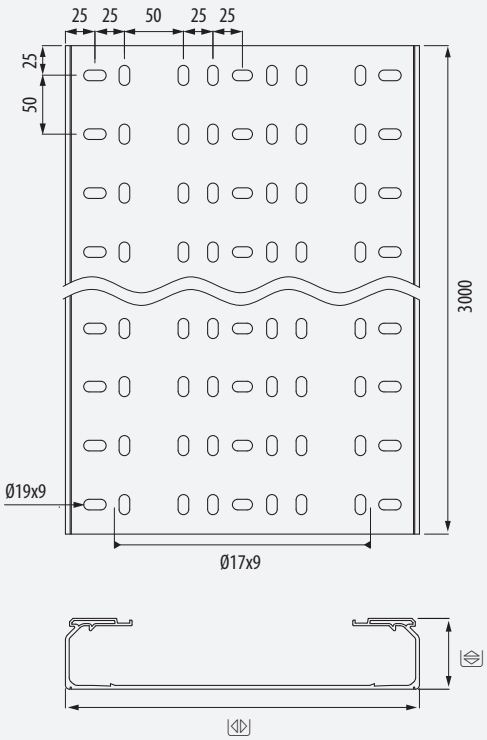
60, 100 • 100-600 • 3000

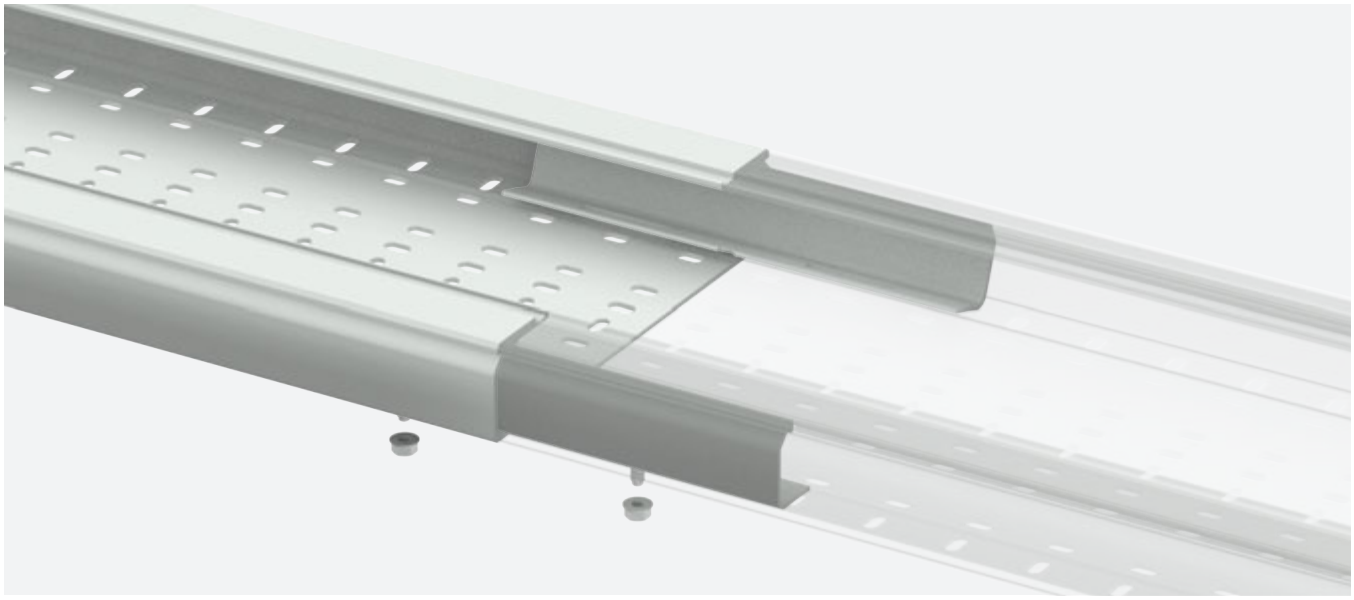


IEC 61537 EN 50085

ETIM: EC000047

• 60 -100 • 100 - 600				
		Ref	kg/m	
60	100	82004160	1,070	24
	150	82004161	1,340	12
	200	82004162	1,710	12
	300	82004163	2,600	12
	400	82004164	3,160	6
100	200	82004165	2,560	6
	300	82004166	3,360	6
	400	82004167	4,270	6
	500	82004168	5,240	6
	600	82004169	6,420	6







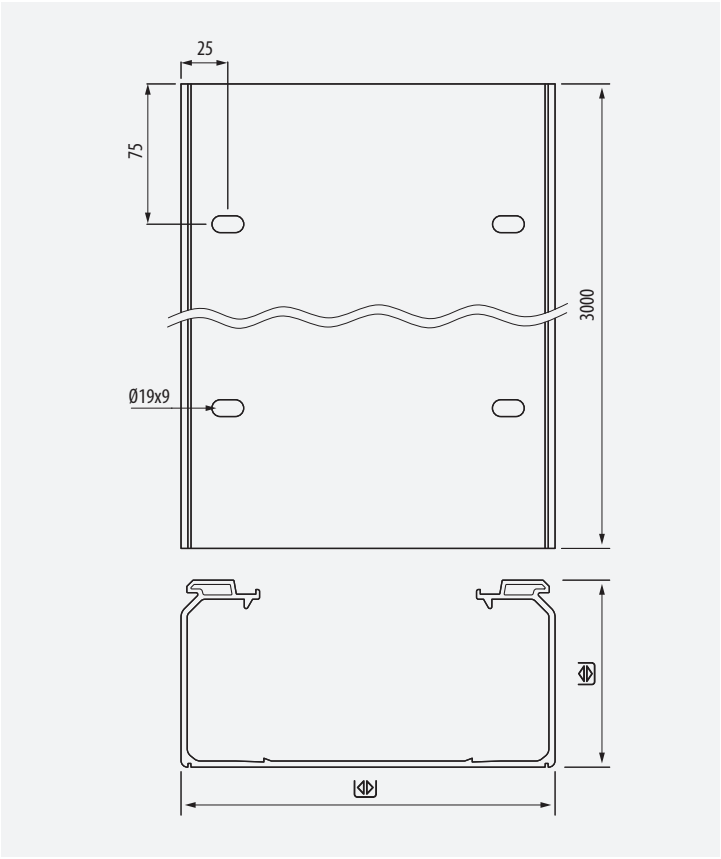
metatray®

Bandeja ciega aislante

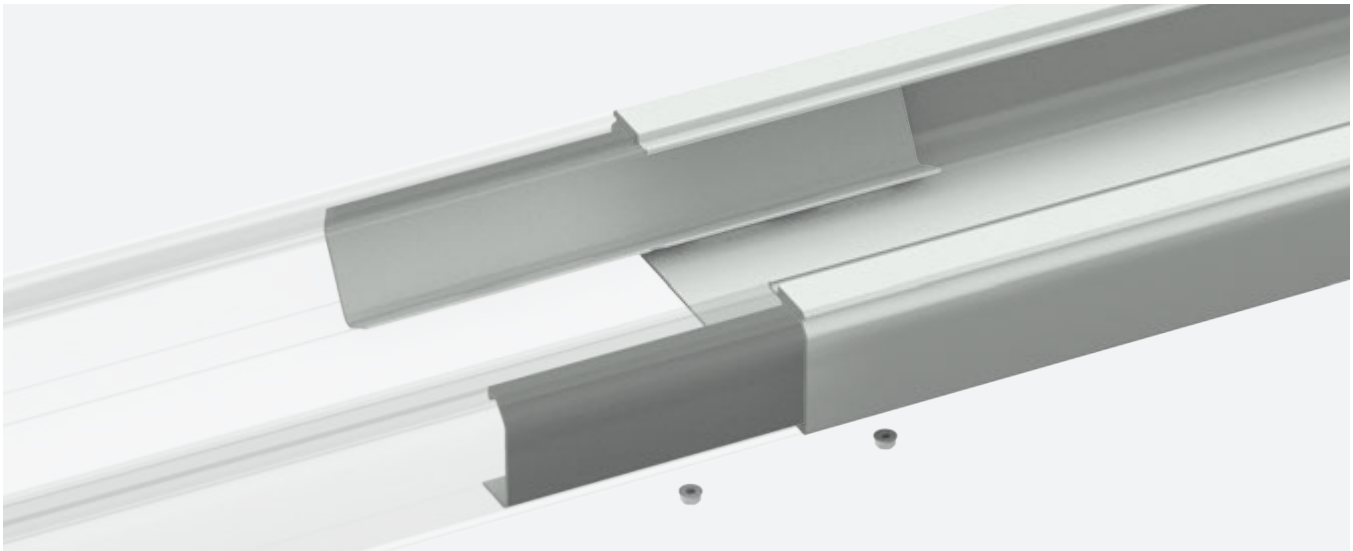
Insulating solid cable tray

60, 100 • 100-600 • 3000

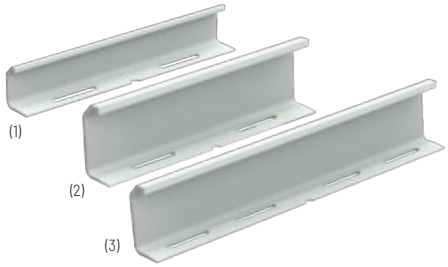
ETIM: EC000047



60 -100 • 100 - 600				
		Ref	kg/m	
60	100	82003651	1,100	24
	150	82003652	1,390	12
	200	82003653	1,780	12
	300	82003654	2,750	12
	400	82003655	3,370	6
100	200	82003656	2,660	6
	300	82003657	3,530	6
	400	82003658	4,520	6
	500	82003659	5,570	6
	600	82003660	6,860	6



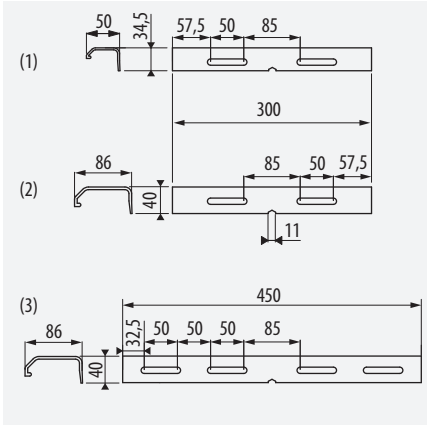
Unión recta
Coupler



60-100			
	Ref	kg/u	
60 (1)	82003672	0,107	24
100 (2)	82004247	0,224	10
100 (3)	82003673	0,339	10

válida para anchos a partir de 400

ETIM: EC002413

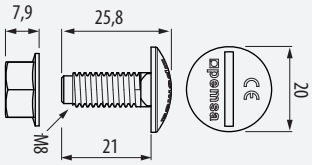


Kit Tornillo M8
Joint kit M8



M	Ref	kg/u	
M8	81000298	0,003	100

ETIM: EC002935

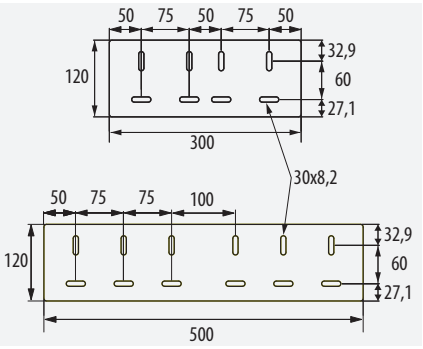


Union central refuerzo
Reinforced central joint

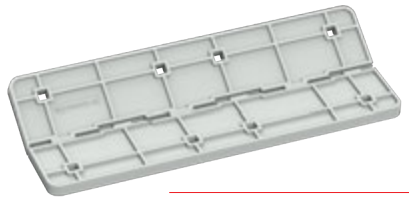


60-100 • 400-600				
M		Ref	kg/u	
PO-PG	300-400	82004223	0,531	6
	500-600	82004224	0,896	6

ETIM: EC002413

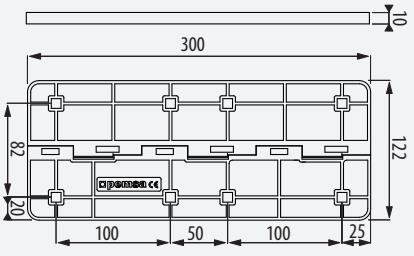


Union refuerzo base
Reinforced base joint



60-100 • 400-600		
Ref	kg/u	
81000290	0,270	6

ETIM: EC002413

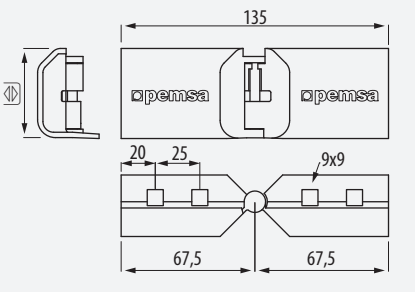


Unión esquina
Corner joint



60-100			
	Ref	kg/u	
60	81000282	0,050	8
100	81000283	0,139	8

ETIM: EC002413





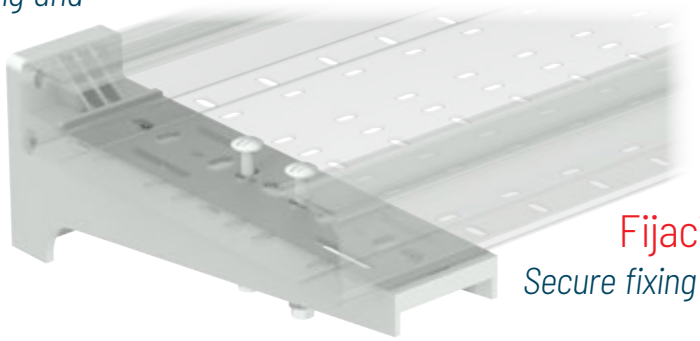
2	4

Sistema de unión con encaje y prefijación para una rápida conexión

Snap-on and prefixed jointing system for quick connection

Diseño exclusivo. centrado y dilatación en la unión

Unique design. Centring and expansion at the joint



100-150	x1
200-400	x2
500-600	x3

Fijación segura

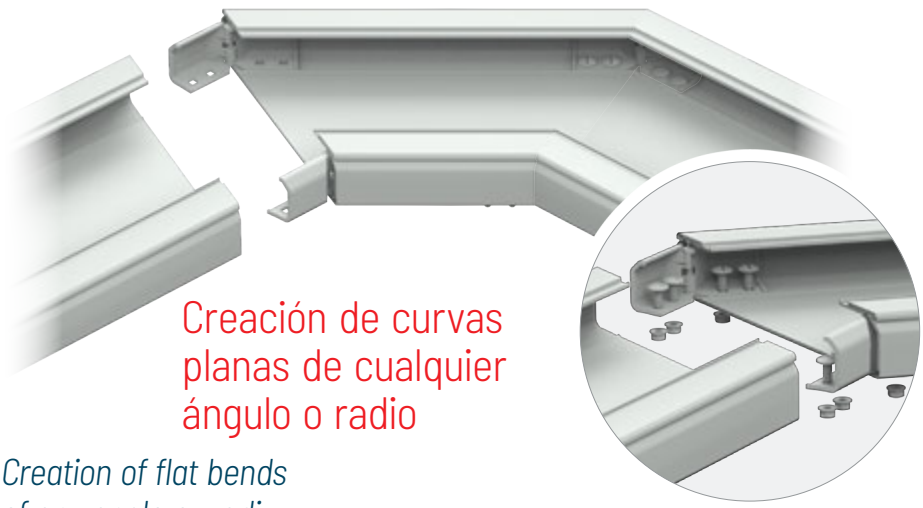
Secure fixing

Refuerzo para base a partir ancho 300

Base reinforcement from 300 width

1	8

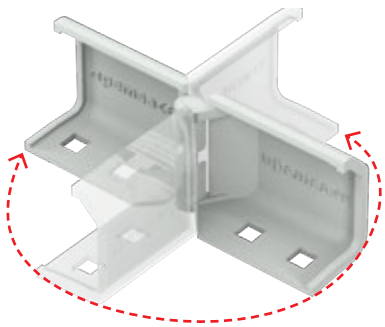




60-100	4

Creación de curvas planas de cualquier ángulo o radio

Creation of flat bends of any angle or radius



+90º <-> -90º

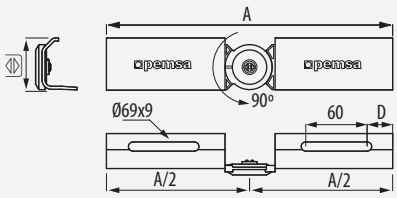
Bisagra vertical
Vertical hinge



IEC 61537 EN 50085 CE UKCA RoHS

60-100					
	A	D	Ref	kg/u	
60	280	33	81000284	0,094	12
100	384	22	81000285	0,287	12

ETIM: EC002413



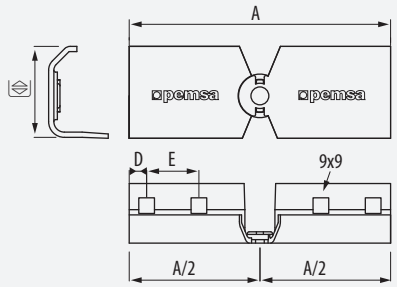
Bisagra cambio de nivel
Riser/dropper



IEC 61537 EN 50085 CE UKCA RoHS

60-100						
	A	D	E	Ref	kg/u	
60	159	15	30	81000286	0,053	8
100	195,4	22,1	40	81000287	0,136	8

ETIM: EC002413



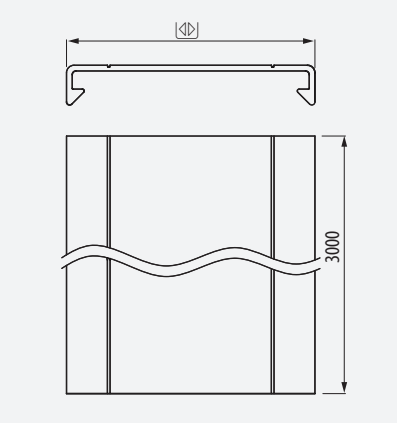
Tapa Recta
Cover



AENOR IEC 61537 EN 50085 CE UKCA RoHS

100-600			
	Ref	kg/m	
100	82003663	0,485	24
150	82003664	0,678	12
200	82003665	0,887	12
300	82003666	1,320	12
400	82003667	2,110	6
500	82003668	2,830	6
600	82003669	3,640	6

ETIM: EC002403



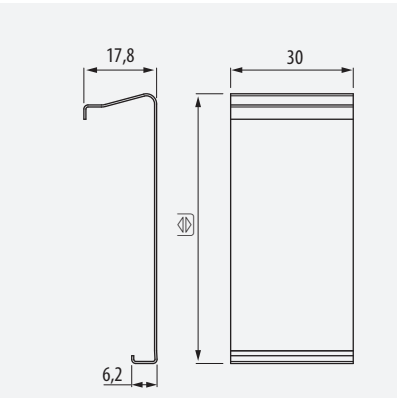
Fijación Tapa
Cover fixing



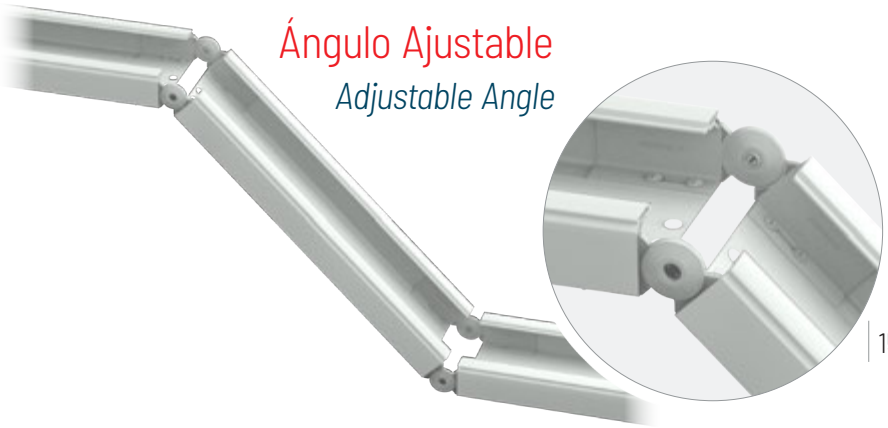
IEC 61537 EN 50085 CE UKCA RoHS

60-100				
		Ref	kg/u	
304	60	81000296	0,011	50
	100	81000311	0,015	50

ETIM: EC001002

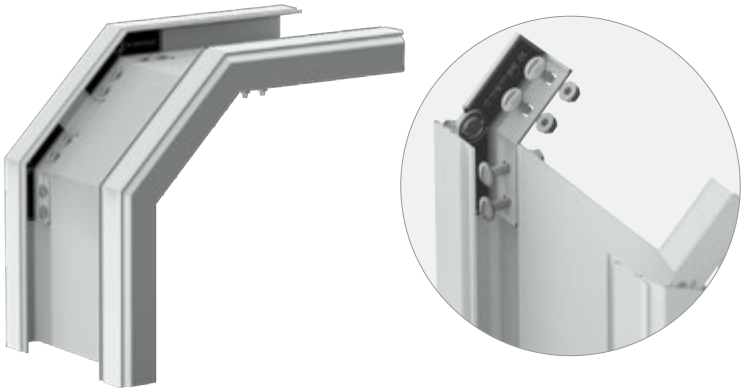


Ángulo Ajustable
Adjustable Angle



x2 184
x8 184

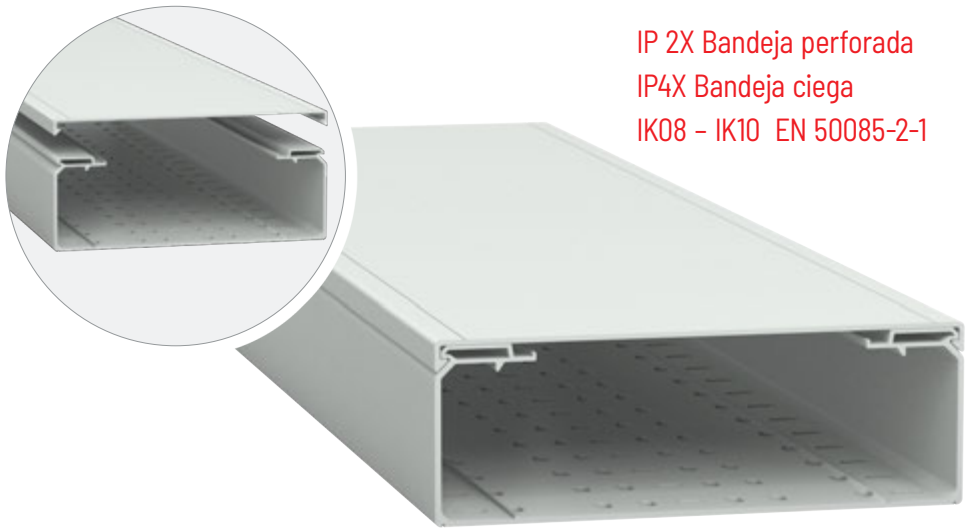
15º - 30º - 45º - 60º - 90º



x8 184

Creación Cambios de nivel a medida

Creating risers of any angle or radius



IP 2X Bandeja perforada
IP4X Bandeja ciega
IK08 – IK10 EN 50085-2-1

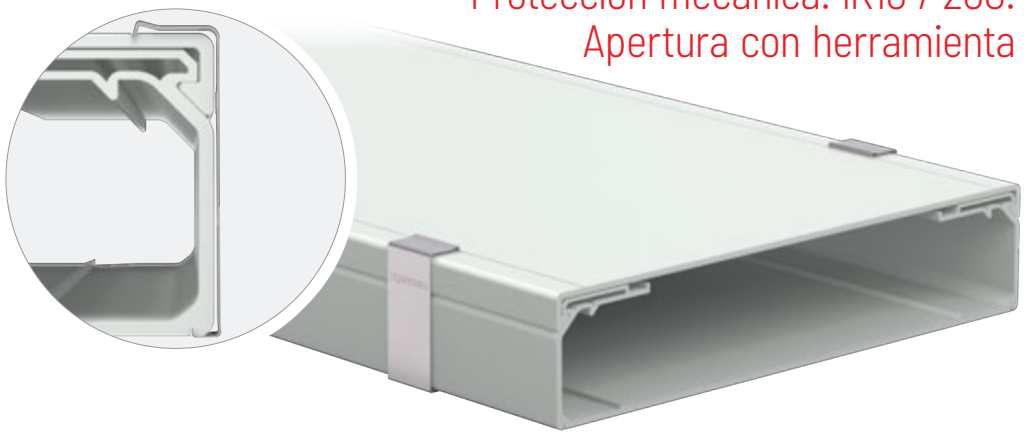
Protección y estanqueidad máxima para cables

Protection and maximum tightness for cables

Bandeja + tapa =
canal protectora EN 50085

Cable tray + cover = Cable trunking EN 50085

Protección mecánica. IK10 / 20J. Apertura con herramienta



2x1m 184

Mechanical protection. IK10 / 20J
Opening with tool

Retenedor tapa
Cover retainer

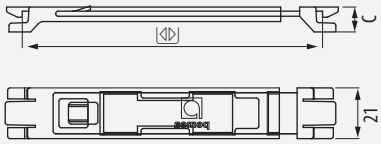


IEC 61537 EN 50085 CE UKCA RoHS

⌐¬ • ⇹ 100 - 600			
⇹	Ref	kg/u	u
100	81000351	0,004	24
150	81000291	0,005	12
200-300	81000292	0,011	12
400-500-600	81000293	0,014	12

RAL 9010

ETIM: EC001936



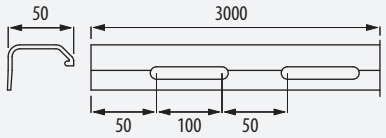
Tabique separador
Divider



AENOR IEC 61537 EN 50085 CE UKCA RoHS

⌐¬ • ⇳ 60-100			
⇳	Ref	kg/u	u
60	82003661	0,430	30
100	82003662	0,892	36

ETIM: EC001000



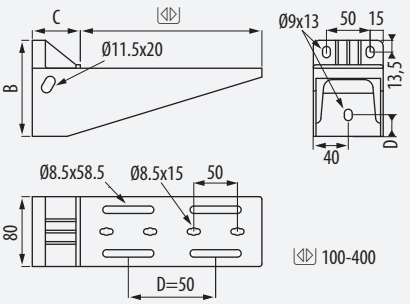
Soporte horizontal
Cantilever



AENOR IEC 61537 EN 50085 CE UKCA RoHS

⌐¬ • ⇹ 100 - 600						
⇹	B	C	D	Ref	kg/u	u
100	110	62	23	81000270	0,206	4
150	110	63	23	81000271	0,227	4
200	110	63	23	81000272	0,294	4
300	130	65	19	81000273	0,552	4
400	130	65	19	81000274	0,623	4
500	220	60	48	81000420	1,010	4
600	220	60	48	81000421	1,960	4

ETIM: EC000022



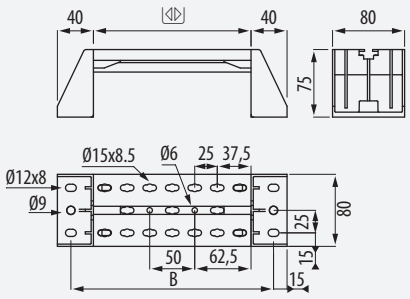
Soporte vertical suspensión
Suspension vertical support



AENOR IEC 61537 EN 50085 CE UKCA RoHS

⌐¬ • ⇹ 100 - 600			
⇹	Ref	kg/u	u
100	82003674	0,220	4
150	82003675	0,248	4
200	82003676	0,277	4
300	82003677	0,344	4
400	82003678	0,401	4
500	82003679	0,482	4
600	82003680	0,539	4

ETIM: EC000022

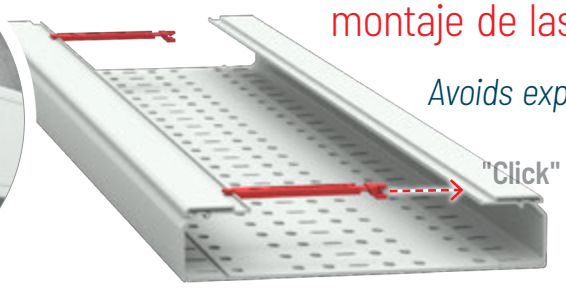


Evita dilataciones y mejora extracción/ montaje de las tapas

Avoids expansion and improves removal/ assembly of the covers

1 x m



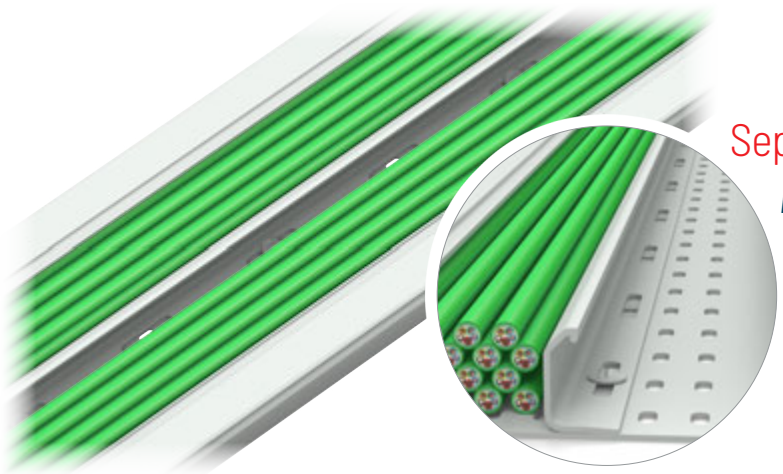


1 kit x m

184

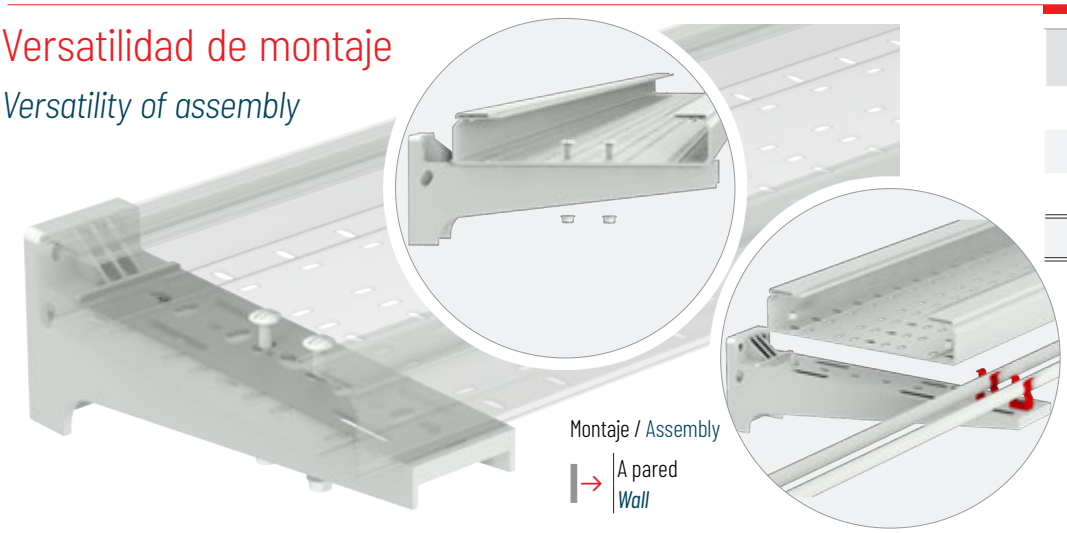
Separación y organización de cables

Division and organisation of cables



Versatilidad de montaje

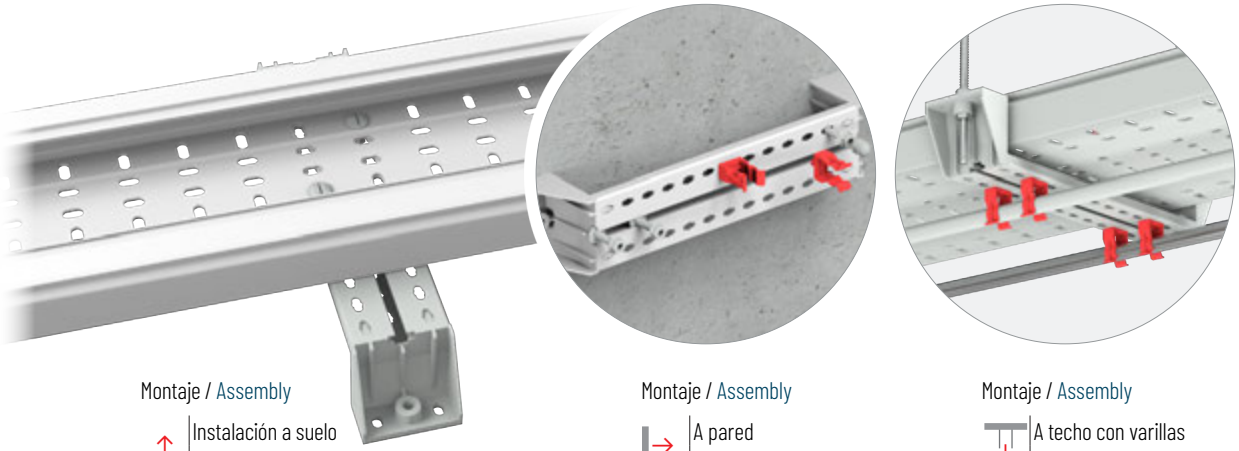
Versatility of assembly



Montaje / Assembly

A pared
Wall

	/
100-150	x1
200-400	x2
500-600	x3
188	184/190



Montaje / Assembly

Instalación a suelo
Floor installations

Montaje / Assembly

A pared
Wall

Montaje / Assembly

A techo con varillas
Ceiling with threaded rods

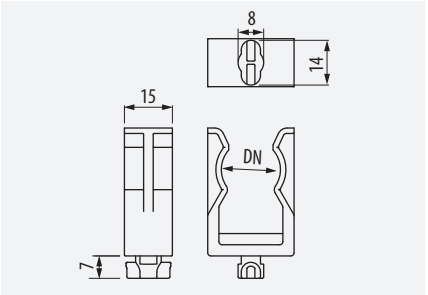
Clip fijación de tubo
Conduit fixing clip



DN	Ref	kg/u	u
16	81000277	0,005	50
20	81000278	0,006	50
25	81000279	0,007	50
32	81000280	0,007	30
40	81000281	0,011	20

RAL 9010.

ETIM: EC002320

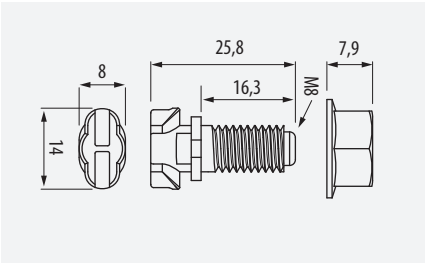


Tornillo Clip
Joint Clip



M	Ref	kg/u	u
M8	81000297	0,001	100

ETIM: EC003861

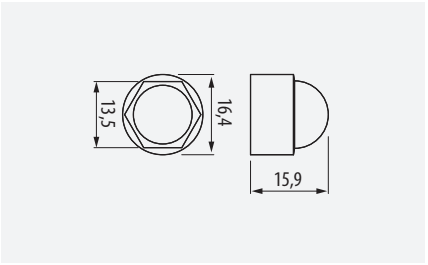


Protector tornillo M8
Screw protector M8

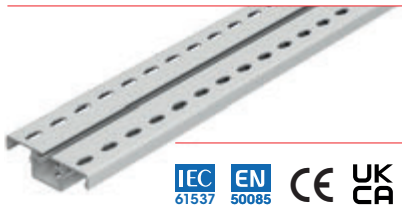


M	Ref	kg/u	u
M8	81000401	0,0009	100

ETIM: EC002375

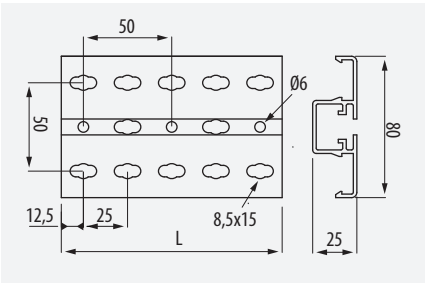


Perfil
Profile

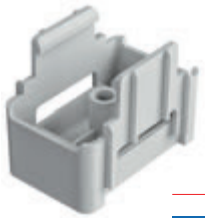


L	Ref	kg/m	u
1000	82003670	0,571	24
2000	82003671	0,571	24

ETIM: EC000386

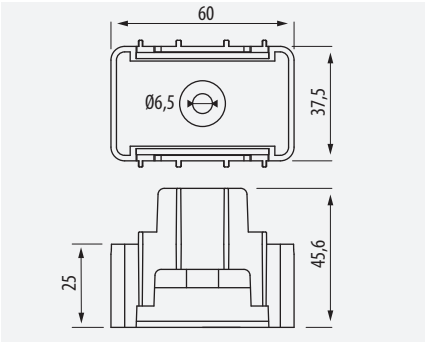


Pie elevador
Elevating foot



Ref	kg/u	u
81000294	0,026	20

ETIM: EC000022



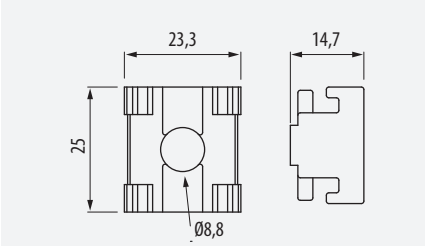
Tope perfil rojo
Red Profile plug



Ref	kg/u	u
81000295	0,004	20

RAL 9010

ETIM: EC000475



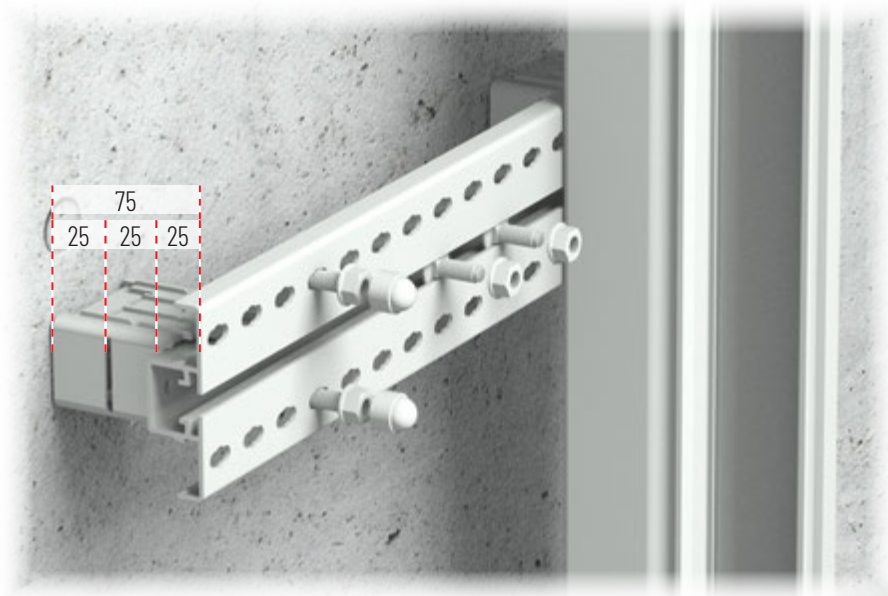


Multifuncionalidad con perforaciones para Clip Fijación Tubos y Tornillo Clip

Multi-functionality with perforations for Conduit Clips and Clip Joint Kits



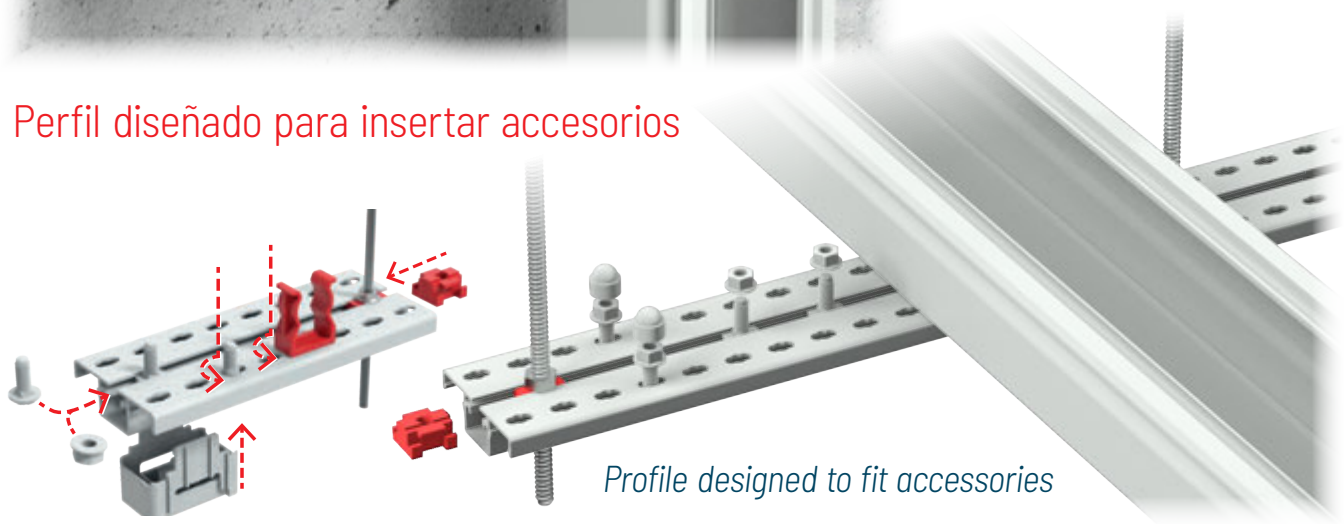




Apilable hasta 2 alturas. de 50 a 75 mm.

Stackable up to 2 heights. from 50 to 75 mm.

Perfil diseñado para insertar accesorios



Profile designed to fit accessories

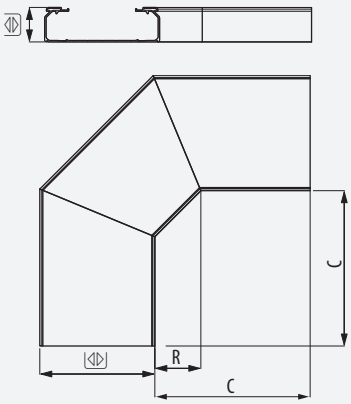
Curva 90º

Insulating 90º bend



ETIM: EC002400

60 - 100 •	100 - 600					
		C	R	Ref	kg/u	
60	100	270	80	82003722	0,672	2
60	150	270	80	82003723	0,898	2
60	200	270	80	82003724	1,197	2
60	300	270	80	82003725	1,994	2
60	400	270	80	82003726	2,680	1
100	200	345	100	82003727	2,164	2
100	300	345	100	82003728	3,073	2
100	400	345	100	82003729	4,218	1
100	500	365	100	82003730	5,552	1
100	600	365	100	82003731	7,275	1



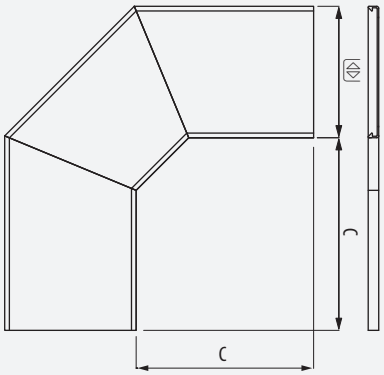
Tapa curva 90º

90º bend insulating cover



ETIM: EC001569

60 - 100 •	60 - 600				
		C	Ref	kg/u	
60	100	270	82003732	0,264	2
60	150	270	82003733	0,402	2
60	200	270	82003734	0,559	2
60	300	270	82003735	1,129	2
60	400	270	82003736	1,632	1
100	200	345	82004067	0,674	2
100	300	345	82004068	1,340	2
100	400	345	82004069	1,906	1
100	500	365	82003737	2,652	1
100	600	365	82003738	3,893	1



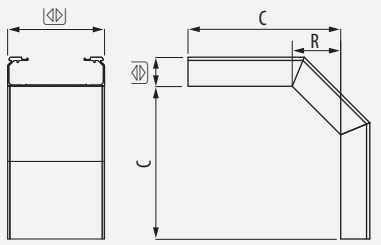
Cambio de nivel convexo CNV

Outside riser



ETIM: EC002400

60 - 100 •	100 - 600					
		C	R	Ref	kg/u	
60	100	315	100	82003688	0,805	2
60	150	315	100	82003689	0,984	2
60	200	315	100	82003690	1,209	2
60	300	315	100	82003691	1,753	2
60	400	315	100	82003692	2,110	1
100	200	425	120	82003693	2,524	2
100	300	425	120	82003694	3,176	2
100	400	425	120	82003695	3,916	1
100	500	425	120	82003696	4,695	1
100	600	425	120	82003697	5,631	1



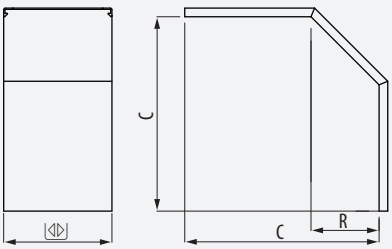
Tapa Curva Cambio Nivel CNV

Outside riser insulating cover

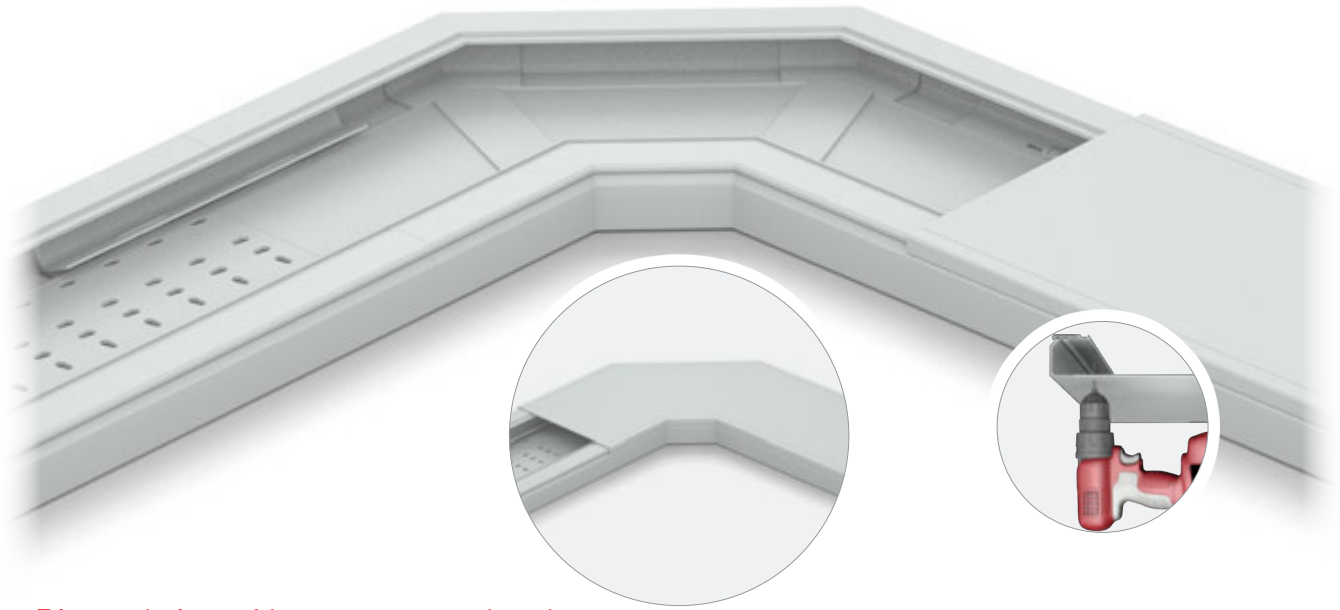


ETIM: EC002402

60 - 100 •	100 - 600				
	C	R	Ref	kg/u	
60	100	0,264	82003698	0,300	2
60	150	0,402	82003699	0,430	2
60	200	0,559	82003700	0,562	2
60	300	1,129	82003701	1,023	2
60	400	1,632	82003702	1,343	1
100	200	0,674	82004061	0,766	2
100	300	1,340	82004062	1,396	2
100	400	1,906	82004063	1,827	1
100	500	2,652	82003703	2,453	1
100	600	3,893	82003704	3,143	1



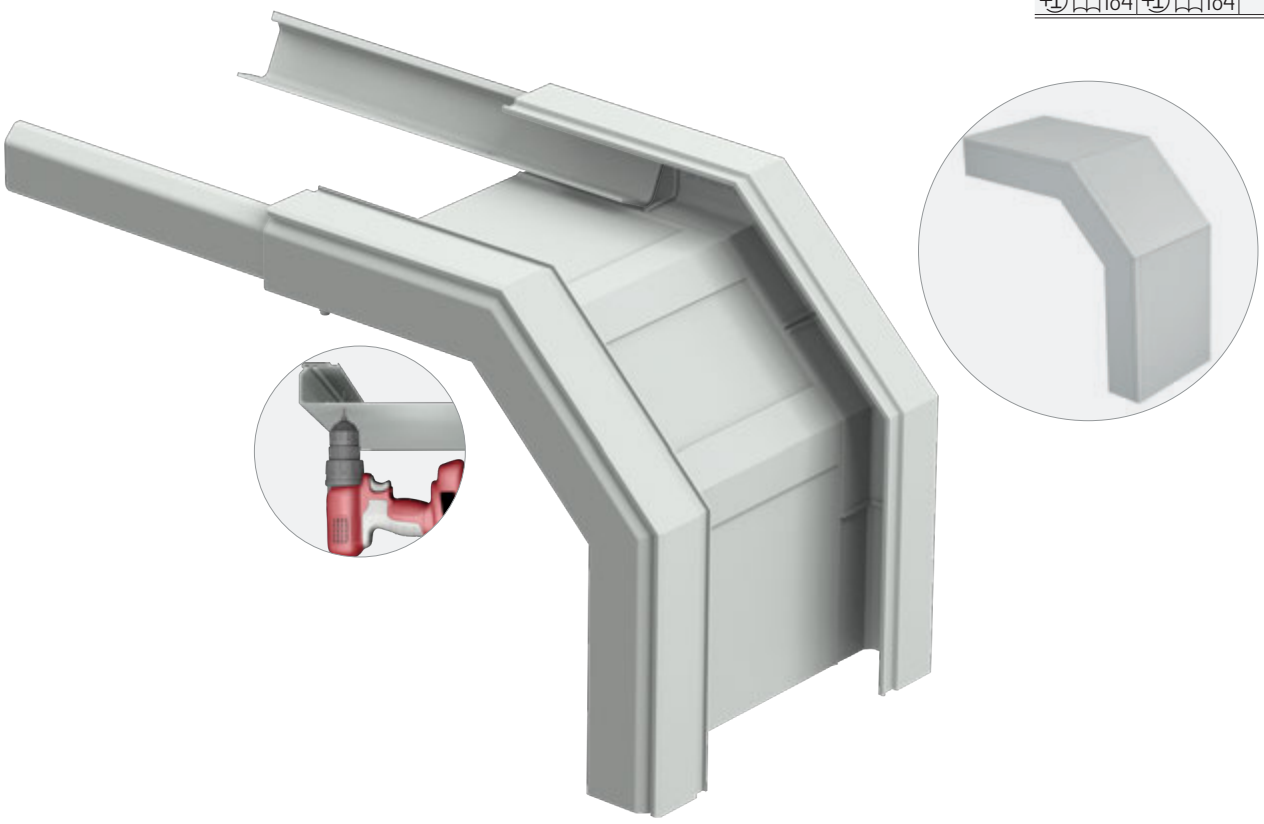
2	4	4
i 184	i 184	



Pieza única. Ahorro mano de obra

Single piece item. Labour savings

2	4	4
i 184	i 184	



Cambio de nivel cóncavo CNC

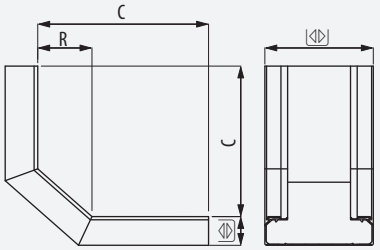
Inside riser



IEC 61537 EN 50085 CE UKCA RoHS

• 60 - 100 • 100 - 600

		C	R	Ref	kg/u	
60	100	315	100	82003705	0,817	2
60	150	315	100	82003706	1,008	2
60	200	315	100	82003707	1,248	2
60	300	315	100	82003708	1,834	2
60	400	315	100	82003709	2,225	2
100	200	425	120	82003710	2,602	2
100	300	425	120	82003711	3,317	2
100	400	425	120	82003712	4,140	1
100	500	425	120	82003713	4,997	1
100	600	425	120	82003714	6,053	1



ETIM: EC002400

Tapa Curva Cambio Nivel CNC

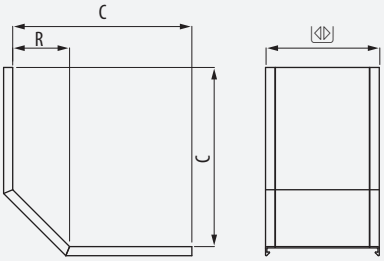
Inside riser Cover



IEC 61537 EN 50085 CE UKCA RoHS

• 60 - 100 • 100 - 600

		C	R	Ref	kg/u	
60	100	315	100	82003715	0,261	2
60	150	315	100	82003716	0,373	2
60	200	315	100	82003717	0,487	2
60	300	315	100	82003718	0,880	2
60	400	315	100	82003719	1,156	2
100	200	425	120	82004064	0,640	2
100	300	425	120	82004065	1,160	2
100	400	425	120	82004066	1,520	1
100	500	425	120	82003720	2,041	1
100	600	425	120	82003721	2,610	1



ETIM: EC002402

Unión derivación

T-joint

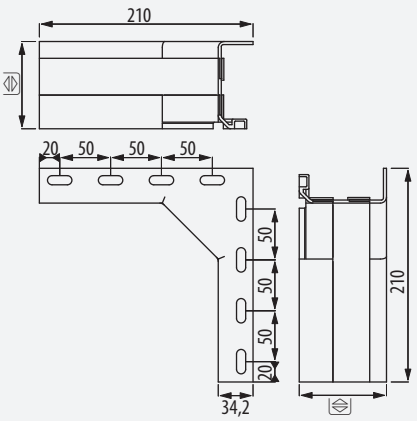


IEC 61537 EN 50085 CE UKCA RoHS

• 60 - 100

	Ref	kg/u	
60	81000288	0,192	4
100	81000289	0,253	4

ETIM: EC002401



Tapa final

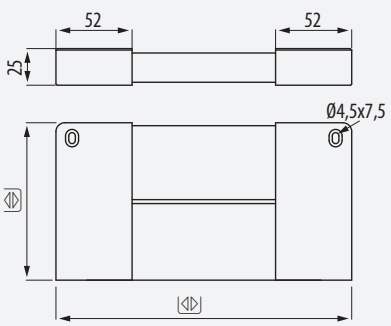
End cover



IEC 61537 EN 50085 CE UKCA RoHS

• 60 - 100 • 100 - 600

		Ref	kg/u	
60	100	82003681	0,061	4
60	150	82003682	0,075	2
60	200	82003683	0,091	2
60	300	82003684	0,121	2
60	400	82003685	0,151	2
100	200	82003686	0,133	2
100	300	82003687	0,198	2
100	400	82003739	0,220	2
100	500	82003740	0,264	2
100	600	82003741	0,308	2





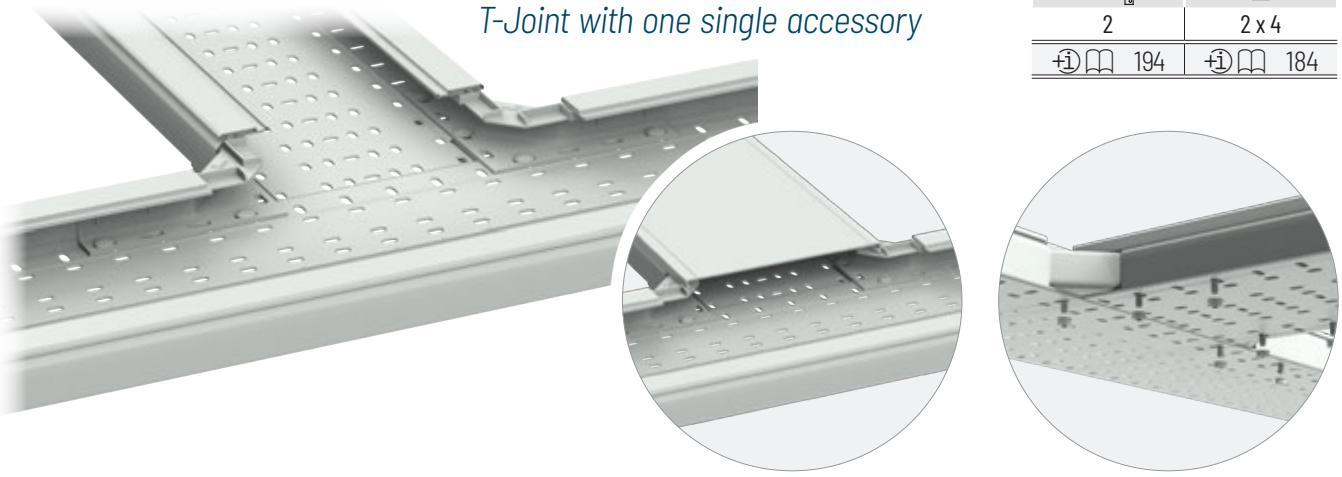
2	4	4
+1 184	+1 184	

Pieza única. Ahorro mano de obra

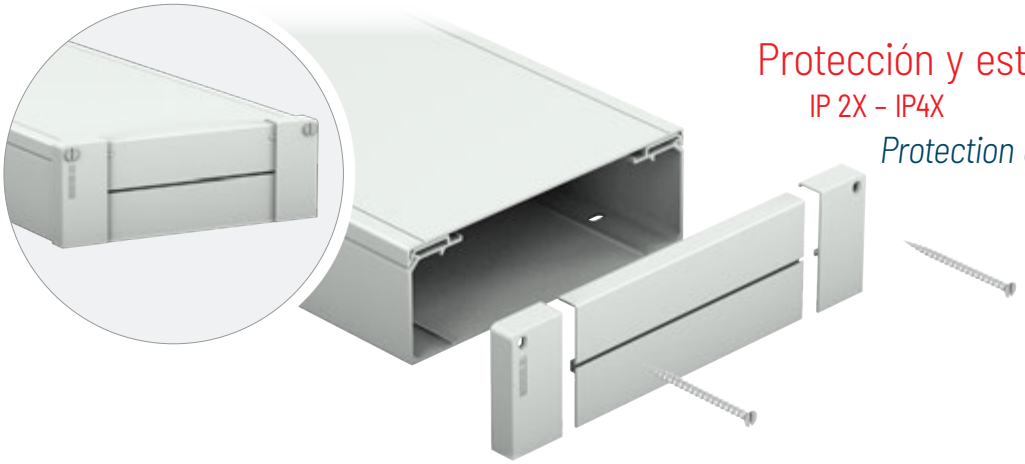
Single piece item. Labour savings

Derivaciones en T con un único accesorio:

T-Joint with one single accessory



2	2 x 4
+1 194	+1 184



Protección y estanqueidad máxima

IP 2X - IP4X

Protection and maximum tightness

Datos técnicos

Technical data

	Materia Prima	*Raw Material*
M	Material termoplástico aislante en base de PVC desarrollado con formulación propia. Color Gris Ral 7035.	*PVC-based Thermoplastic insulating material developed with own formulation.* *Ral 7035 Grey colour.*

	Buen comportamiento frente a sustancias químicas. **ISO/TR 10358 y DIN 8061.** (consultar sustancias, concentración y temperatura)	*Good resistance to corrosion and to chemical agents.* *ISO/TR 10358 y DIN 8061.* *(consult agents, concentration and temperature)*
UV	**Buen comportamiento a la Intemperie y Radiación UV** ANSI/UL 568	*Good performance outdoors and with exposure to UV rays.* *ANSI/UL 568*
	Aislamiento eléctrico **EN 61537** Aislante, no conductor eléctrico. No puesta a tierra **Rigidez dieléctrica** EN 60243-1: 18±5 kV/mm	*Electrical insulating* *EN 61537* *Insulating material. No earthing required.* *Dielectric strength* *EN 60243-1: 18±5 kV/mm*
	Resistencia al impacto **EN 61537: 20 J** (Bandeja 60x100: 10J) **EN 50085-2-1** (Bandeja con tapa: IK10)	*Impact strength* *EN 61537: 20 J* *Cable tray 60x100: 10J* *EN 50085-2-1* *Cable tray + cover: IK10*
IP	**Grados IP-XX** (penetración de sólidos / líquidos) IP 2X (perforada), IP4X o IP44. (ciega)	*IP-XX Protection (solids and liquids)* *IP2X (perforated cable tray)* *IP4X or IP44 (solid cable tray)*
RoHS III	**Ausencia de sustancias contaminantes y peligrosas cumple RoHS III y REACH** Libre de ftalatos y siliconas	*Free of pollutants and hazardous substances, RoHS III and REACH compliant, free of phthalates and silicones.*
	Capacidad de Carga **EN 61537**	*Working loads* *EN 61537*
	Reacción al fuego **EN 61537:** Ensayo de hilo incandescente a 960 ºC. No propaga llama **UL94:** Grado V0, No transmite ni gotea. Baja emisión de dióxido y monóxido de Carbono **UNE 201010:** Clasificación: M1	*Reaction to fire* *EN 61537: Glow-wire test 960 ºC.* *Non-flame propagating* *UL94: V0 Grade, no hot spots are generated away from the fire source.* *Low carbon dioxide and carbon monoxide emissions* *UNE 201010. Classification M1*

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Marcas de Calidad y Certificaciones

Certifications and quality marks

Marcas de calidad / *Quality marks*

EN 61537
EN 50085

N de AENOR certifica que han superado los requisitos de la normas europeas, EN 61537, "Sistemas de bandejas y de bandejas de escalera para la conducción de cables" y EN 50085 "Sistemas de canales para cables y sistemas de conductos cerrados de sección no circular para instalaciones eléctricas", donde se especifican las condiciones de seguridad, ensayos, características técnicas, etc., que deben cumplir las bandejas y canales protectoras.

N from AENOR certifying that they have met the requirements of the European standards, EN 61537, " Cable tray systems and cable ladder systems for cable management" and EN 50085 "Cable trunking systems and cable ducting systems for electrical installation", which specifies the safety conditions, tests, technical characteristics, etc., to be met by protective trays and channels.

IEC 61537
EN 50085
EN 50085

Certificado internacional creado dentro de la International Electrotechnical Commission (IEC) que acredita la conformidad de producto respecto a las normas de producto IEC 61537 y EN 50085. Este certificado facilita la obtención de marcas de conformidad en otros países.

International certificate created within the International Electrotechnical Commission (IEC) that certifies product conformity to the IEC 61537 and EN 50085 product standards. This certificate makes it easier to obtain marks of conformity in other countries.

Declaraciones de conformidad / *Declarations of conformity*

Declaración UE de Conformidad (marcado CE), según norma EN 61537 y Directiva Baja Tensión 2014/35/UE.

EU Declaration of Conformity (CE marking), according to EN 61537 and Low Voltage Directive 2014/35 / EU.

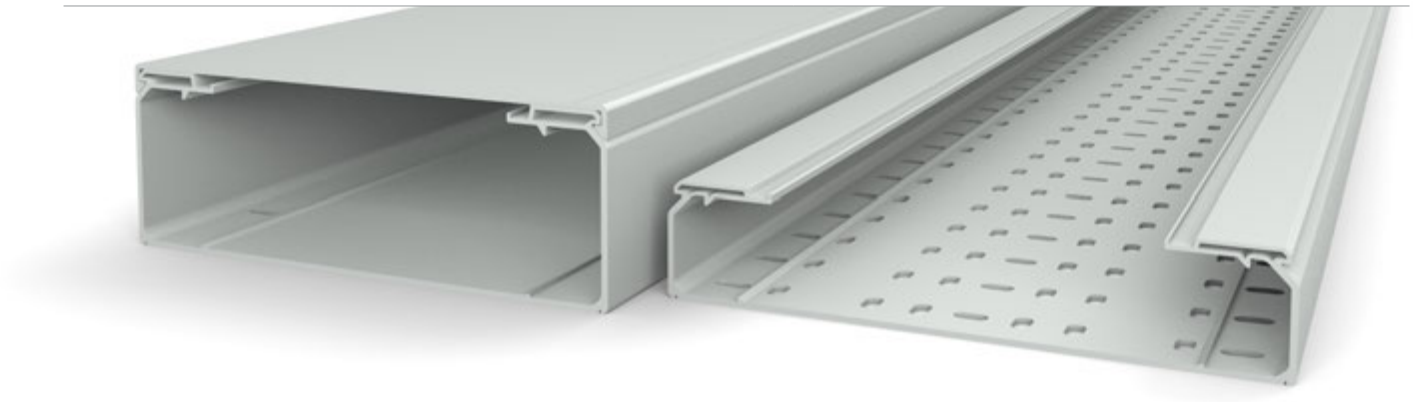
Declaración UKCA de Conformidad (marcado UKCA), según norma BS EN 61537 y directiva Electrical and Equipment (Safety) Regulations 2016.
(S.I. 2016 No. 1101).

UKCA Declaration of Conformity (UKCA marking), according to BS EN 61537 and directive Electrical and Equipment (Safety) Regulations 2016.
(S.I. 2016 No. 1101).

Conforme / *According to*

Bandeja y canal protectora según Reglamento electrotécnico de Baja Tensión, REBT (España). Instrucciones ITC-BT 20 y 21. (Bandeja + tapa).

Cable tray and protective cable trunking according to REBT (Spain). ITC-BT 20 and 21 (Cable tray + cover).



Datos técnicos

Technical data

Cargas de trabajo adimisibles (CTA) y datos dimensionales

Safety working loads (SWL) and dimensional data



Bandejas **metatray®** perforadas y ciegas / *Perforated and solid* **metatray®** *cable trays*

Secciones útiles mm^2 / *Useful cross sections* mm^2

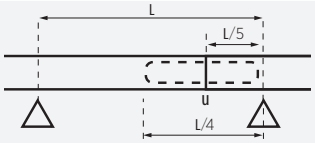
x	60x100	60x150	60x200	60x300	60x400	100x200	100x300	100x400	100x500	100x600
mm^2	4666	7183	9692	14869	19934	16611	25229	33825	42360	50917

Ensayos Carga de trabajo admisible (CTA) para bandejas (N/m) / *Safety working loads (SWL) tests for cable trays (N/m)*

		60x100	60x150	60x200	60x300	60x400	100x200	100x300	100x400	100x500	100x600
60°C	1 m	120	150	250	350	450	400	450	600	700	800
40ºC	1,5 m										

Los ensayos CTA de las medidas de 300 a 600 han sido realizados con las uniones centrales refuerzo, referencias 82004223 y 82004224. / *The SWL tests from 300 to 600 were performed with the reinforced central joints, references 82004223 and 82004224.*

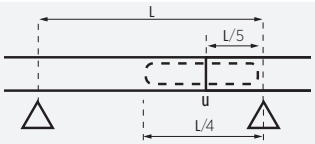
Condiciones del ensayo de carga de trabajo admisible para bandejas EN 61537 / *Safety working load test conditions for cable trays EN 61537*

Temperatura / *Temperature*	40ºC	60ºC
Distancia entre soportes / *Support Span*	1,5 m	1 m
Flecha longitudinal / *Longitudinal deflection*	Inferior al 1% de distancia entre soportes / Less than 1% support span	
Flecha transversal / *Transverse deflection*	Inferior al 5% del ancho de la bandeja / Less than 5% of the cable tray width	
Ubicación de uniones / *Placement of joints*	(L/4) > u > (L/5) 	
Factor de seguridad sin alcanzar colapso *Increased safety coefficient*	1,7 veces la carga de trabajo de seguridad declarada *1.7 times the declared safety working load*	

Ensayos Carga de trabajo admisible (CTA) montaje vertical en desarrrollo horizontal (N/m) / *Safety working load tests (SWL) mounted in the vertical plane running horizontally*

		60x100	60x150	60x200	60x300	60x400	100x200	100x300	100x400	100x500	100x600
40ºC	1 m	400	420	550	750	850	650	800	900	950	1000

Condiciones del ensayo de carga de trabajo admisible para bandejas EN 61537 / *Safety working load test conditions for cable trays EN 61537*

Temperatura / *Temperature*	40ºC
Distancia entre soportes / *Support Span*	1 m
Flecha longitudinal / *Longitudinal deflection*	Inferior al 1% de distancia entre soportes / Less than 1% support span
Flecha transversal / *Transverse deflection*	Inferior al 5% del ancho de la bandeja / Less than 5% of the cable tray width
Ubicación de uniones / *Placement of joints*	(L/4) > u > (L/5) 
Factor de seguridad sin alcanzar colapso *Increased safety coefficient*	1,7 veces la carga de trabajo de seguridad declarada *1.7 times the declared safety working load*

Datos técnicos
Technical data

Cargas de trabajo adimisibles (CTA) y datos dimensionales

Safety working loads (SWL) and dimensional data

Ensayos Carga de trabajo admisible (CTA) para soportes (N) / *Safety working loads (SWL) tests for supports (N)*

		100	150	200	300	400	500	600
Soporte horizontal *Cantilever*	N	60ºC	280	350	400	500	400	700	900
		40ºC	380	550	700	850	750	1051	1601

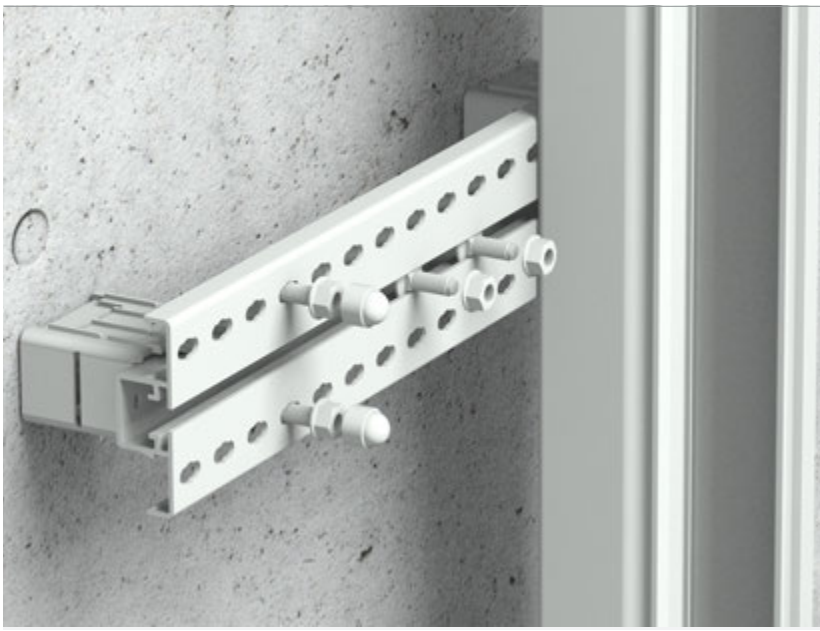
		100	150	200	300
Soporte vertical suspensión techo *Vertical ceiling support*	N	60ºC	250	320	400	420
		40ºC	375	510	600	630

		100	150	200	300**	400**	500**	600**
Soporte vertical suelo *Floor vertical support*	N	60ºC	180	225	490	675	1050	1200	1500
		40ºC	270	338	700	1013	1575	1800	2250

** Se instala el Pie elevador ref. 81000294 en el centro del ancho del soporte como refuerzo / *Elevating foot ref. 81000294 is installed in the centre of the support width as a reinforcement.*

Condiciones del ensayo de carga de trabajo admisible para soportes EN 61537 / *Safety working load test conditions for supports EN 61537*

Temperatura / *Temperature*	40ºC	60ºC
Flecha admisible / *Admissible deflection*	Inferior al 5% de la longitud del soporte / *Lower than 5% of the length of the support*	
Factor de seguridad / *Increased safety coefficient*	1,7 veces la carga de trabajo de seguridad declarada / *1.7 times the safety working load declared*	



IDEA

Guía de Instalación
Installation guide

Descargue aquí.
Download here.

metatray

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metatray®

Aplicaciones sectoriales

Applications by sector



Energías renovables

Renewable energies



Terciario construcción

Service & retail construction



Tratamiento de agua

Water treatment



Vehículo eléctrico

Electric vehicle



Industria naval

Marine industry



Industria ferroviaria

Railway industry



Offshore, puertos

Offshore, ports



Industria petroquímica

Petrochemical industry









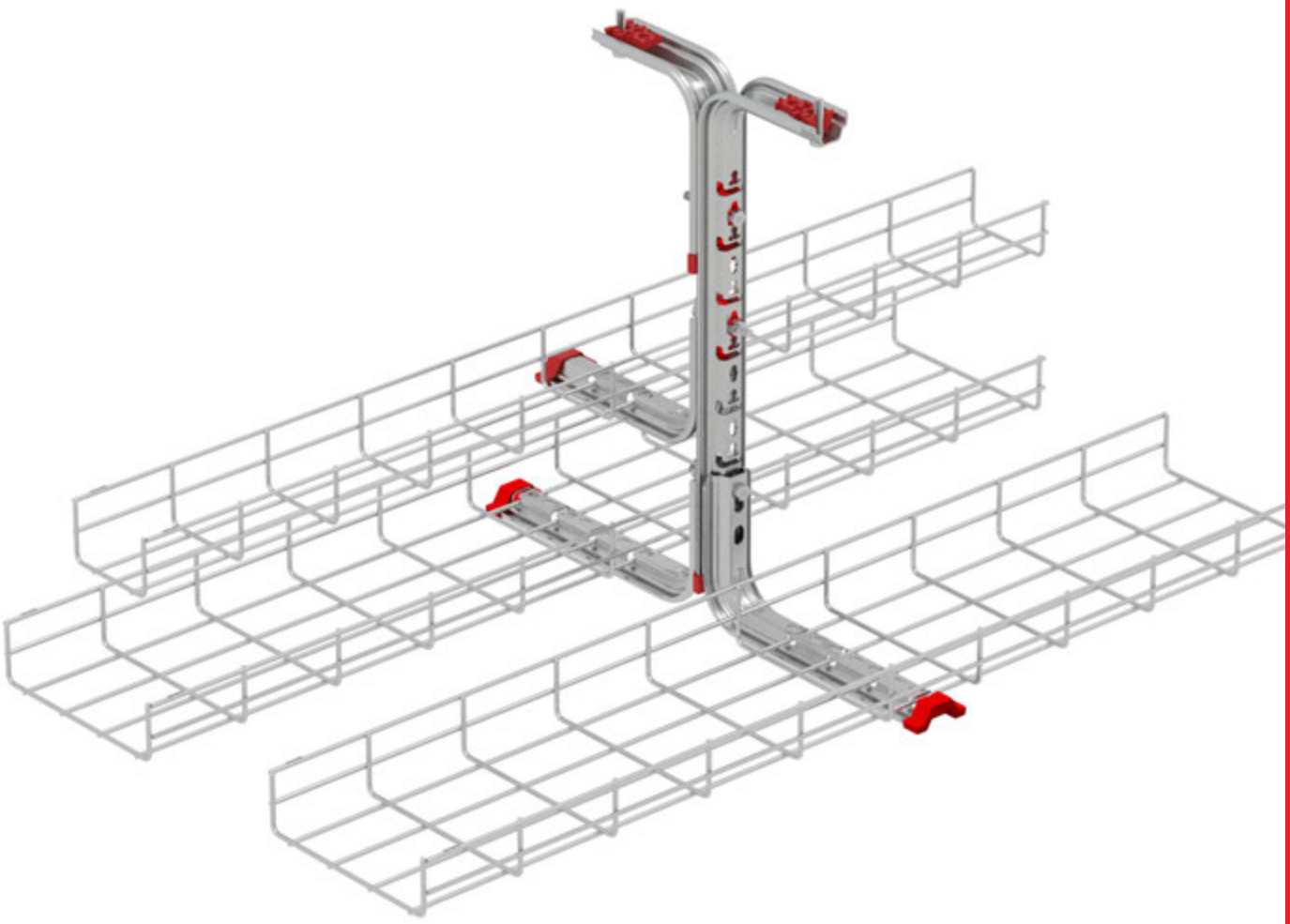




Sistemas de Soportación

Soportes, railes y estructuras

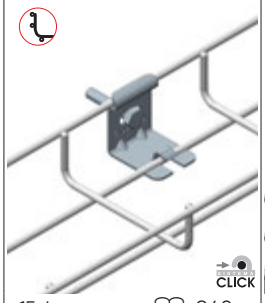
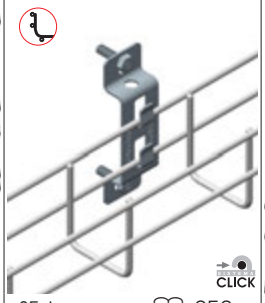
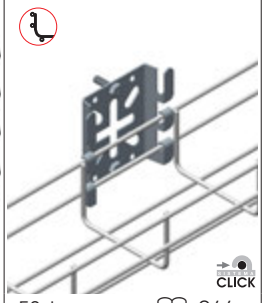
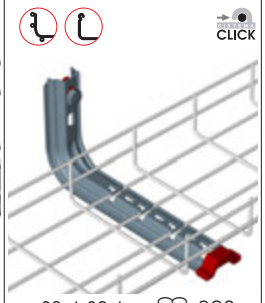
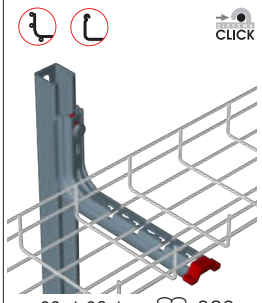
Supports, channels and structures



Información Técnica • *Technical Information*

Montaje en pared / *Wall assembly*

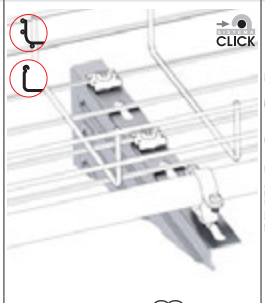
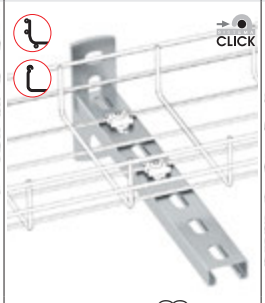
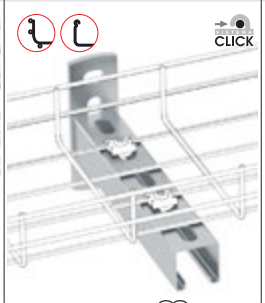
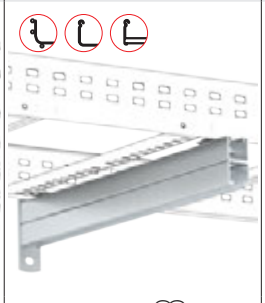
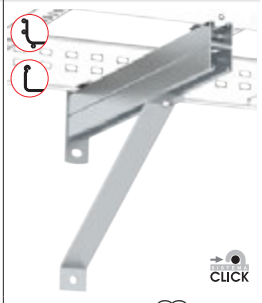
Horizontal / *Horizontal*

				UNIVERSAL	UNIVERSAL
					
A	15 kg 048	25 kg 050	50 kg 044	28 / 60 kg 206	28 / 60 kg 206

Carga admisible / *Admissible load*

Sistema Universal. Compatible con todas las bandejas
Universal System. Compatible for all cable trays

Soportes de Propósito General / *Multipurpose Installation Bracket*

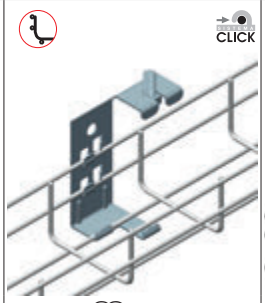
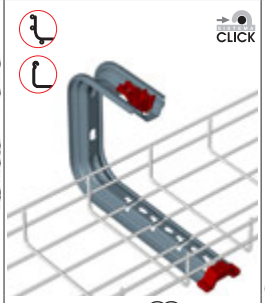
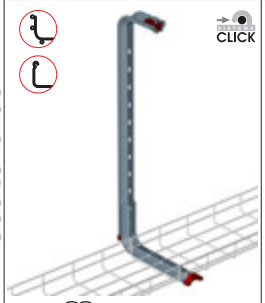
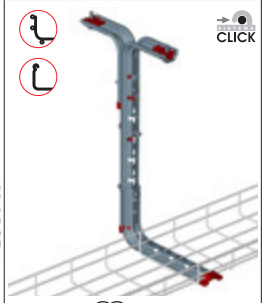
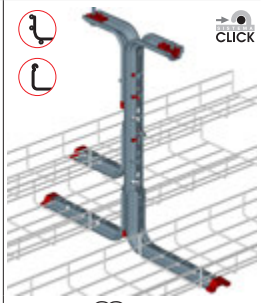
					
A	10 kg 208	10 kg 212	25 kg 212	85 kg 222	85 kg 212

Para instalaciones eléctricas, HVAC, contra Incendios, etc.

For electrical installations, HVAC, fire protection, etc.

Montaje a techo / *Fitting to ceiling*

Sistema Omega / *Omega System*

		UNIVERSAL	UNIVERSAL	UNIVERSAL	UNIVERSAL
					
1	048	18 / 33 kg 206	222, 223	223	223
2*					
2**					

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.

2 Valores obtenidos según norma IEC 61537, edicion 3 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 IEC 61537, edition 3 relating to the information for safe installation of trays with horizontal supports. For further information please contact PEMSA.

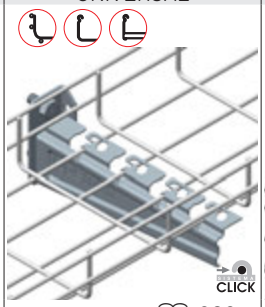
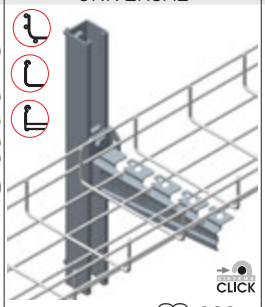
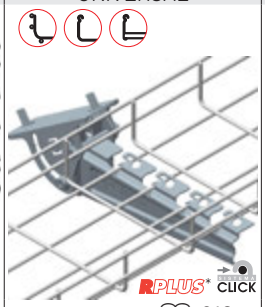
2* *Bending moment 1: Resulting bending moment on ceiling plane.*

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

Información Técnica • *Technical Information*

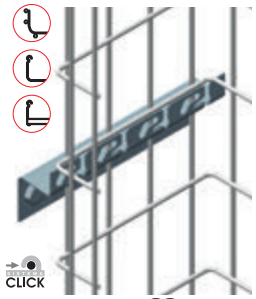
Montaje en pared / *Wall assembly*

Horizontal / *Horizontal*

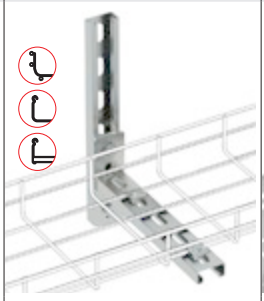
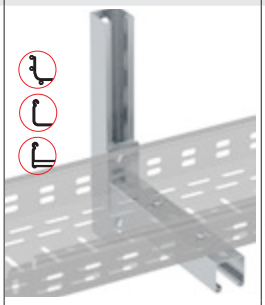
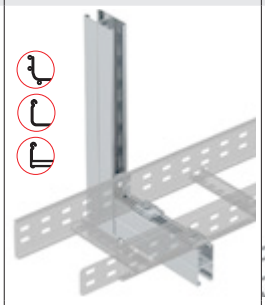
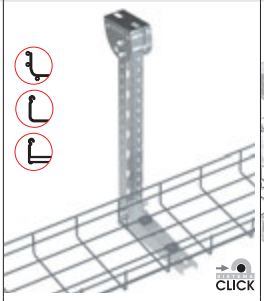
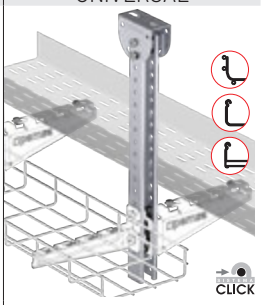
	UNIVERSAL	UNIVERSAL	UNIVERSAL
			
A	110 / 245 kg 208	110 / 245 kg 208	110 / 245 kg 210

Nuevos soportes reforzados con más capacidad de carga
Reinforced supports with greater load-bearing capacity

Vertical / *Vertical*

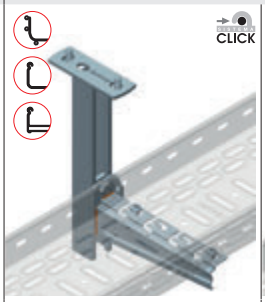
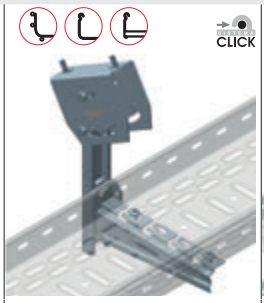
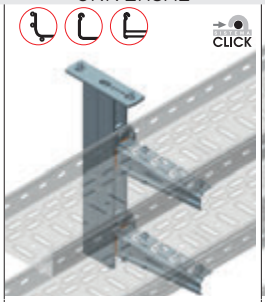
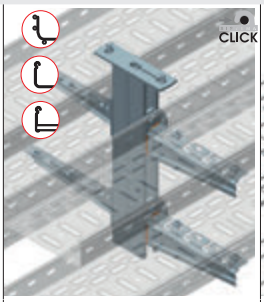
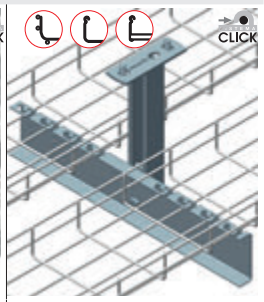
		UNIVERSAL
		
A	50 kg 044	56 kg 054

Montaje a techo / *Fitting to ceiling*

				UNIVERSAL	UNIVERSAL
					
A	65 kg 230	75 kg 230	160 kg 230	160 kg 214	390 kg 214

Más economía en tiempo de montaje *Increased savings in assembly time*

Péndulo reforzado / *Reinforced supports*

	UNIVERSAL				
					
1	222	224	222	222	45 / 170 kg 224
2*					
2‡					

Nuevos soportes y péndulos reforzados con más capacidad de carga
Reinforced supports with greater load-bearing capacity

rejiband® pemsaband® megaband®

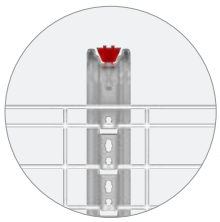
* Soporte Reforzado RPLUS Variable
Adjustable Heavy Duty Cantilever RPLUS

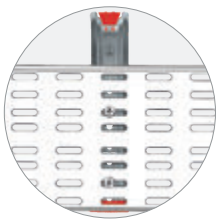


Gama de Soportes, Railes y Estructuras

Range of Supports, Rails and Structures

Ventajas y Características / *Advantages and features*

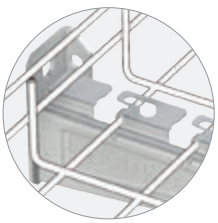


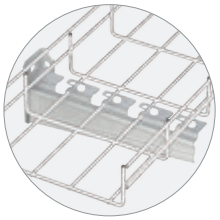


Universal

Compatible para todas las bandejas del mercado

Compatible with all of the cable trays





CLICK

Sistema Click. Sin fijaciones

Click System. No fixings required

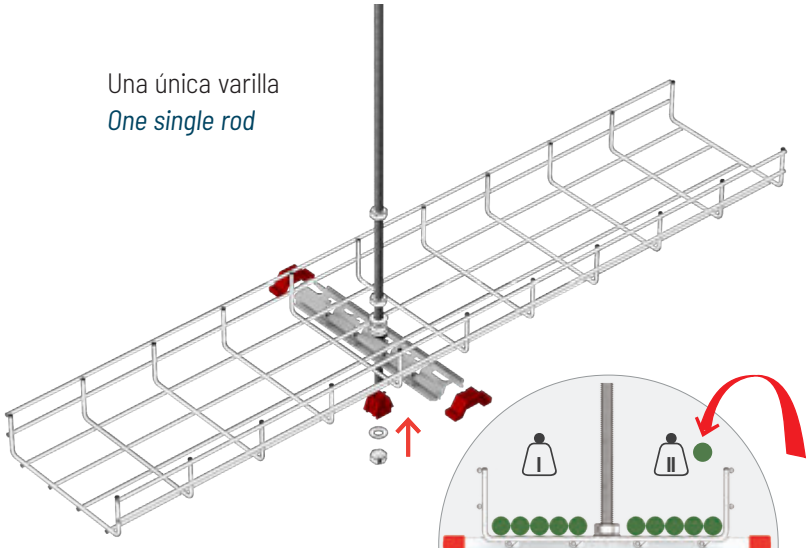
PG | GC | AZ+ | C8 | 304 | 316L

Amplia gama de acabados

Wide range of finishes

Una única varilla

One single rod



Instalación lateral del cable

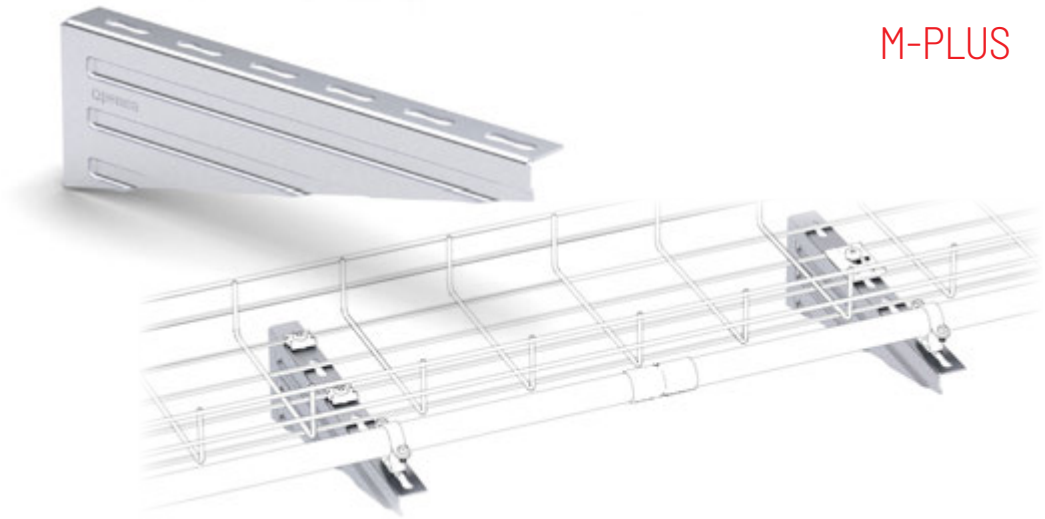
Installation of cables from the side

Novedades • *News*



Soporte Omega SPLUS
Omega SPLUS Bracket

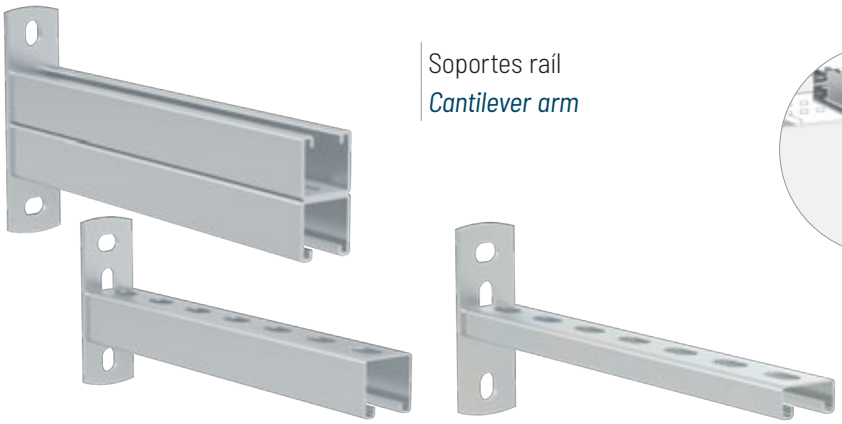




M-PLUS

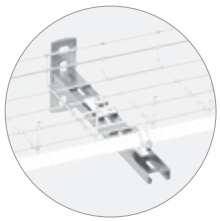
Soporte para instalación de propósito múltiple. Instalaciones eléctricas, HVAC, contra Incendios, etc.

Multipurpose installation cantilever for electrical installations. HVAC, Fire protection, etc.



Soportes raíl
Cantilever arm

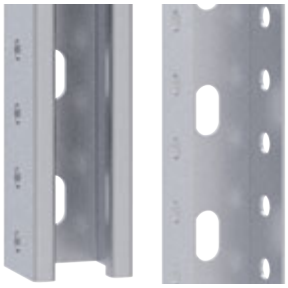


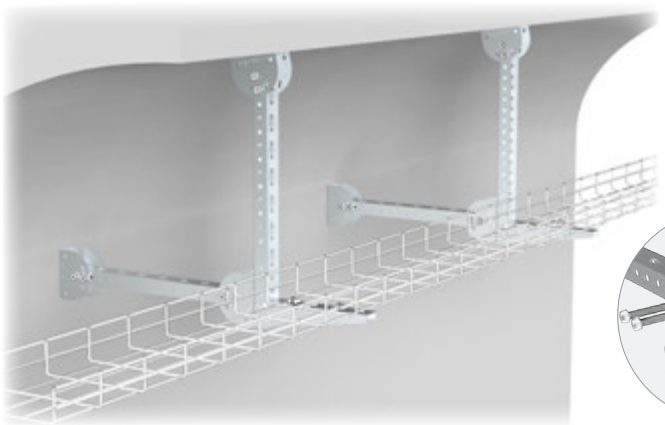


IEC 61537 E90 AENOR

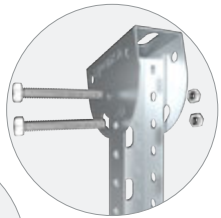
212

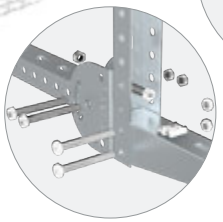
Rail 3C
3C Strut





214





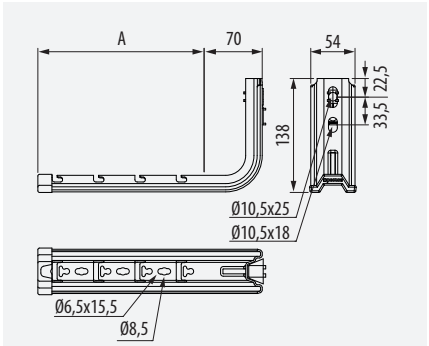
Soporte Omega SPLUS

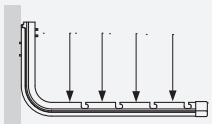
Omega SPLUS Bracket



S	100-400 A	Ref	kg/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
AZ+	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
BK8	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

ETIM: EC001003



CTA	100-400	kg
	100	60
	150	60
	200	60
	300	38
	400	28

NO **rejiband®** 60x60



Soporte Techo Omega SPLUS

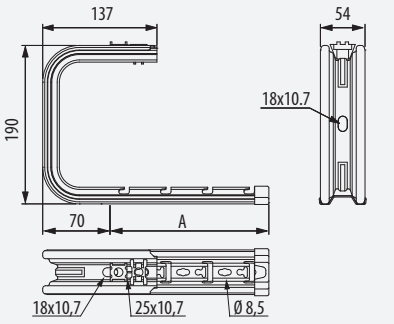
Omega SPLUS Ceiling Bracket

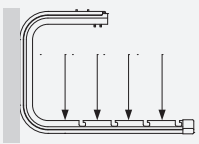


S	100-400 A	Ref	kg/u	
PG	100	62022104	0,391	4
	150	62022154	0,557	4
	200	62022204	0,642	4
	300	62022304	0,763	4
	400	62022404	0,887	4
AZ+	100	62032104	0,404	4
	150	62032154	0,571	4
	200	62032204	0,658	4
	300	62032304	0,782	4
	400	62032404	0,906	4
BK8	100	62082104	0,408	4
	150	62082154	0,432	4
	200	62082204	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

S	100-400 A	Ref	kg/u	
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

ETIM: EC001003



CTA	100-400	kg
	100	33
	150	36
	200	29
	300	25
	400	18

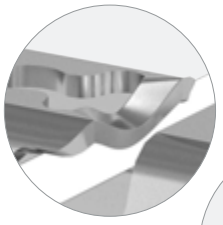
NO **rejiband®** 60x60

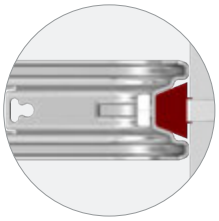


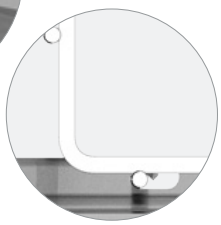
Sistema Click. Sin fijaciones

Click System. No additional fixings







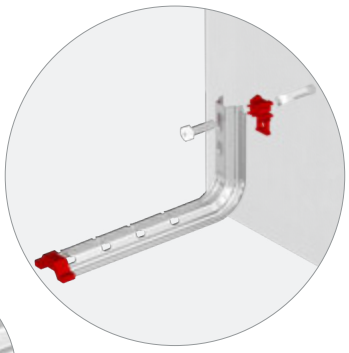


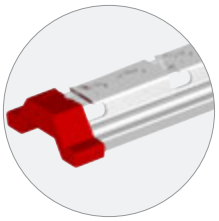
Tope

Plug

Universal
Compatible para todas las bandejas

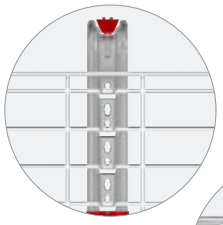
Compatible with all of the cable trays

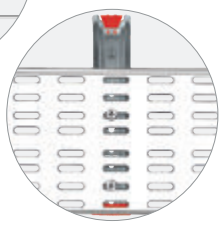




Protector

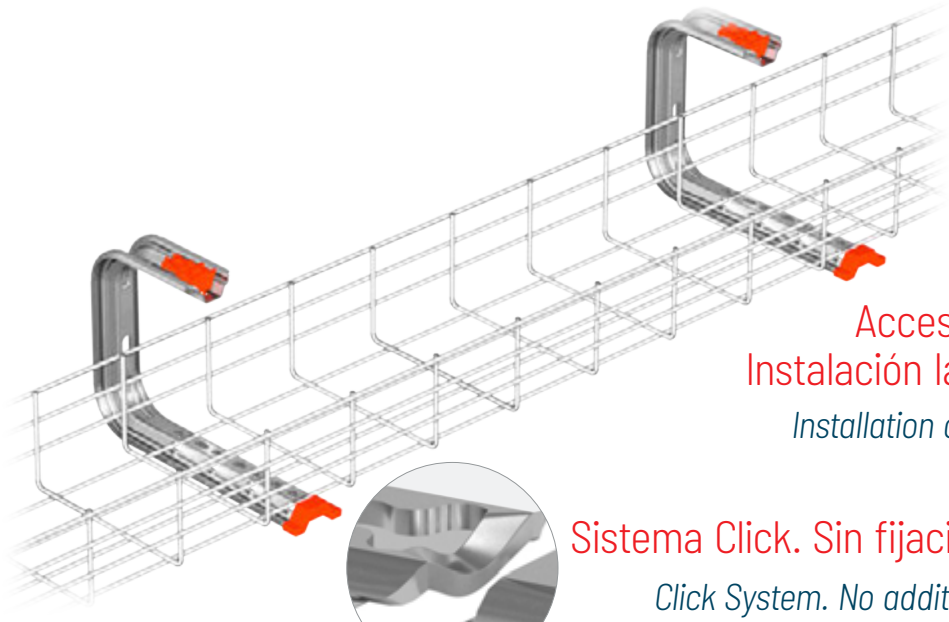
Protector

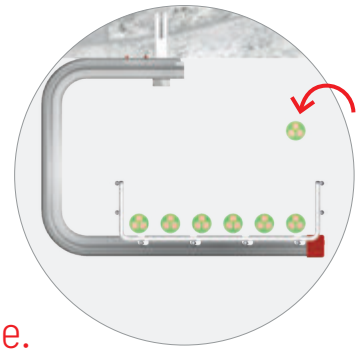




Seguridad.
¡Mejoran la instalación!

Security. Improves the installation





Accesible.
Instalación lateral del cable

Installation of cables from the side

Sistema Click. Sin fijaciones

Click System. No additional fixings.

Soporte Reforzado RPLUS

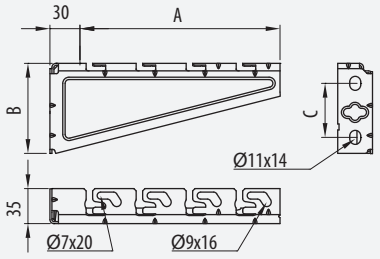
Medium Duty Cantilever RPLUS



	100-600					
	A	B	C	Ref	kg/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 **rejiband**® 60x60

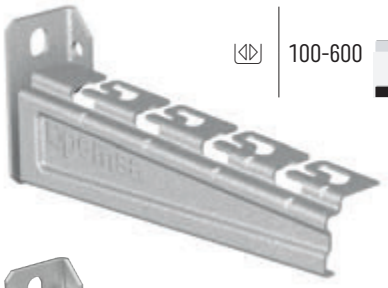
ETIM: EC001003



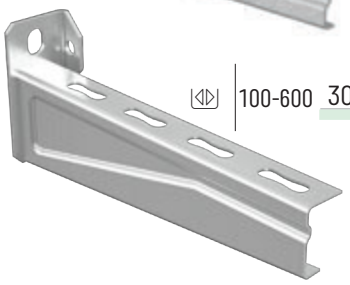
CTA	kg
100	270
150	170
200	180
300	140
400	180
500	90
600	120

Soporte Reforzado RPLUS

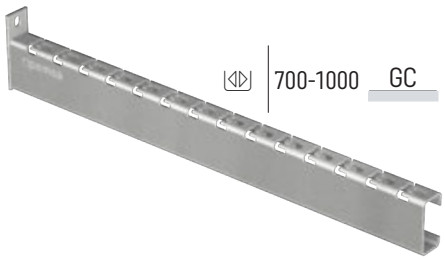
Medium Duty Cantilever RPLUS



100-600 GC BK8



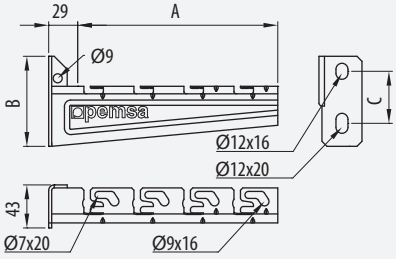
100-600 304 316

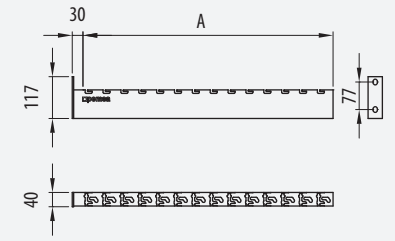


700-1000 GC

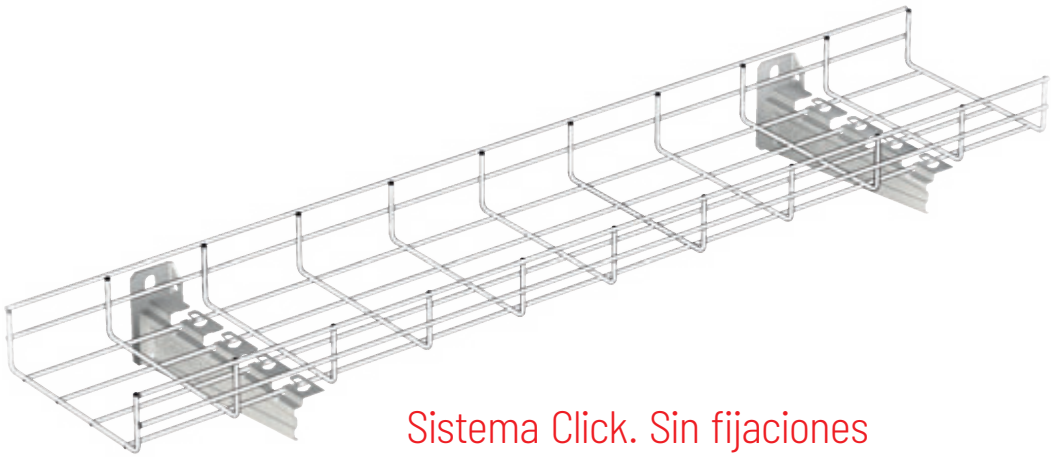
	100-1000					
	A	B	C	Ref	kg/u	
GC	100	90	52	62035103	0,232	4
	150	90	52	62035153	0,288	4
	200	90	52	62035203	0,331	4
	300	90	52	62035303	0,425	4
	400	117	79	62035403	0,778	4
	500	117	79	62035503	0,928	4
	600	117	79	62035603	1,074	4
	700	117	77	62035703	2,449	4
	750	117	77	62035753	2,611	4
	800	117	77	62035803	2,765	4
	900	117	77	62035903	3,082	4
	1000	117	77	62035993	3,398	4
BK8	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

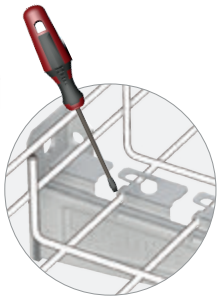
ETIM: EC001003

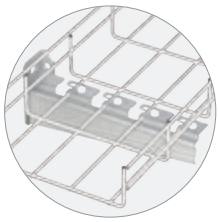




CTA		kg
GC / BK8	100	225
	150	245
	200	190
	300	110
	400	245
	500	92
	600	110
	700	220
	750	220
	800	220
	900	220
	1000	220
304 / 316 L	100	160
	150	190
	200	190
	300	130
	400	150
	500	110
	600	95





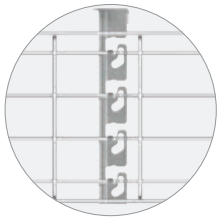


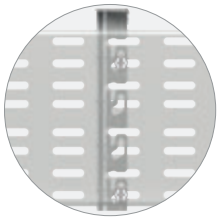
Sistema Click. Sin fijaciones

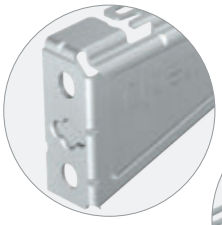
Click System. No additional fixings

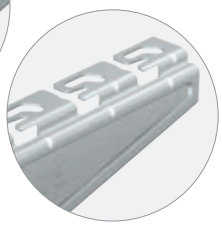
Universal
Compatible para todas las bandejas

Compatible with all of the cable trays



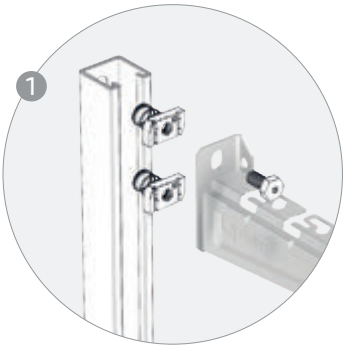




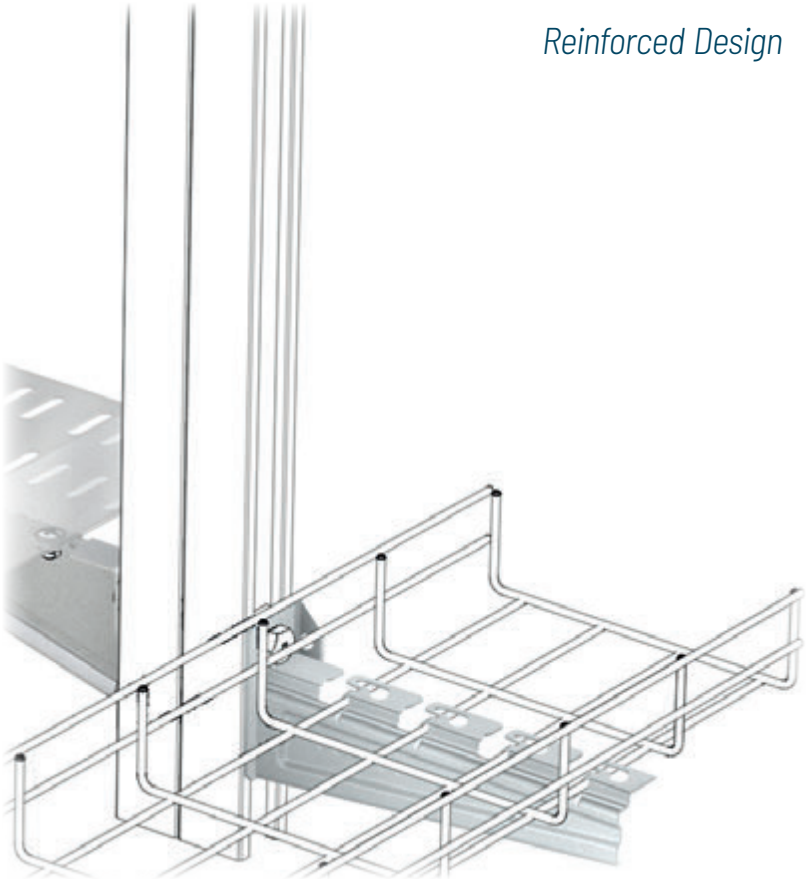


Diseño Reforzado

Reinforced Design



	M10x35	x2	1 253
		x2	1 232
		x1	1 230

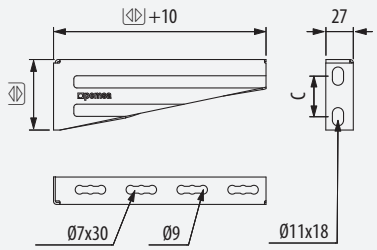


Soporte MPLUS

MPLUS Cantilever



100-600						
		C	PG	AZ+	kg/u	u
100	69	40	82003768	82003775	0,209	1
150	69	40	82003769	82003776	0,297	1
200	69	40	82003770	82003777	0,499	1
300	95	65	82003771	82003778	0,824	1
400	95	65	82003772	82003779	1,080	1
500	95	65	82003773	82003780	1,330	1
600	95	65	82003774	82003781	1,580	1



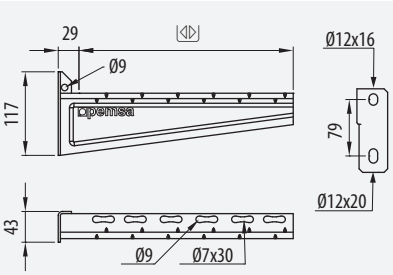
Soporte RPLUS Muy Reforzado

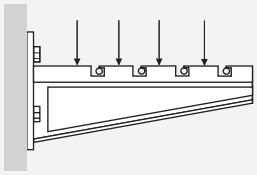
Heavy Duty Cantilever RPLUS



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

ETIM: EC001003



CTA		kg
	300	220
	400	220
	500	160
	600	165

Kit Soporte RPLUS Reforzado Variable

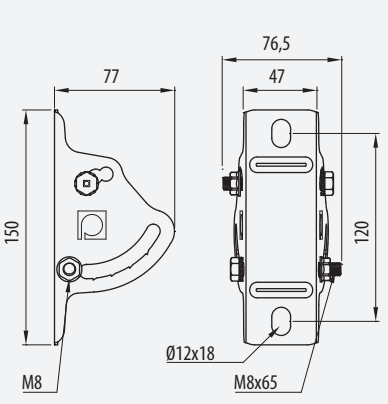
Adjustable RPLUS Kit

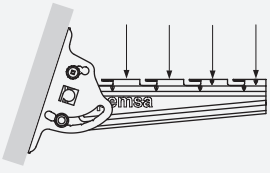


100-600			
S	Ref	kg/u	u
GC	62037002	0,311	4
BK8	82004259	0,343	4
304	62057002	0,295	4
316L	62067002	0,295	4

ETIM: EC001003

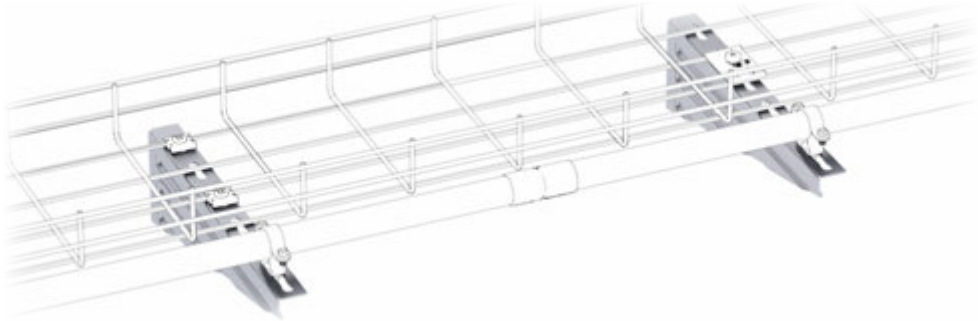
Bajo pedido, consultar disponibilidad / *On request, check availability*



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

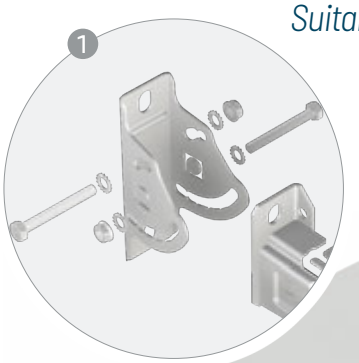
Soportes de Propósito Múltiple

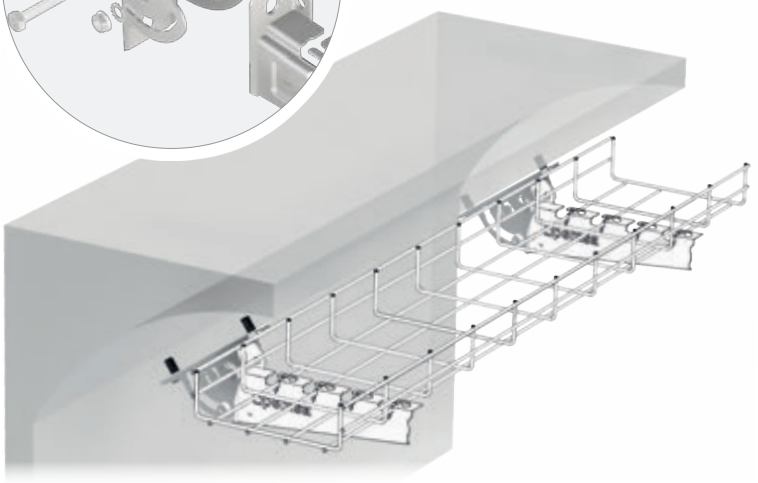
Multipurpose Installation Bracket

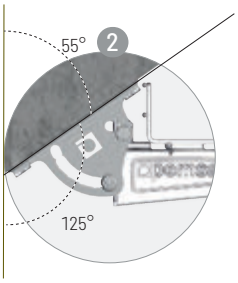


Adecuado para Bóvedas de Tuneles

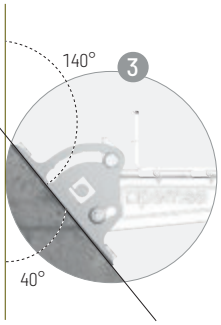
Suitable for tunnel vaults

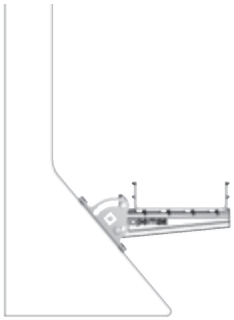


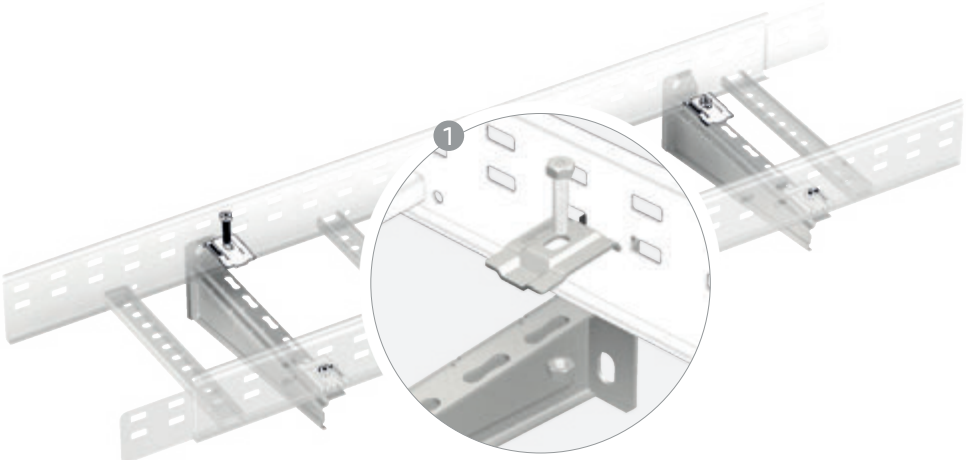








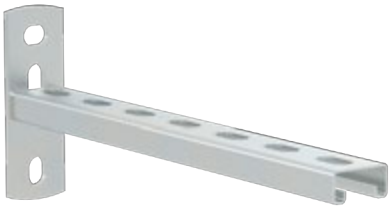




		x2 118
	M8x20	x2 253

Soporte 41x21

Cantilever arm 41x21

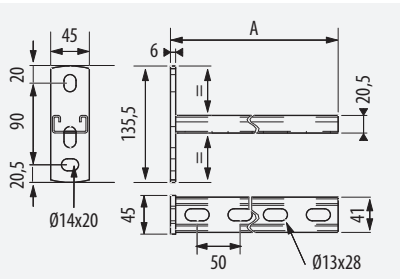


S	A	Ref	kg/u	
EZ	100	82002600	0,461	1
	200	82002601	0,607	1
	300	82002602	0,752	1
	500	82002603	1,040	1
	1000	82002604	1,770	1

S	A	Ref	kg/u	
GC	100	82002605	0,485	1
	200	82002606	0,641	1
	300	82002607	0,797	1

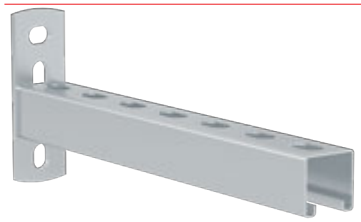
ETIM: EC001003

↓CTA↓	kg
100	242
200	196
300	146
500	94
1000	36



Soporte 41x41

Cantilever arm 41x41

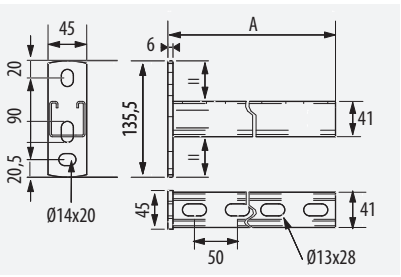


S	A	Ref	kg/u	
EZ	200	82004240	0,887	1
	300	83002000	1,140	1
	500	83001930	1,690	1
	600	83001931	1,950	1
	800	82004241	2,430	1
	1000	82004242	2,950	1
GC	200	82002608	0,931	1
	300	82002609	1,200	1
	500	82002610	1,750	1
	600	82002611	2,020	1
	800	82002612	2,570	1
	1000	82002613	3,110	1

S	A	Ref	kg/u	
304	200	82002614	0,881	1
	300	82002615	1,140	1
	500	82002616	1,650	1
	600	82002617	1,910	1
316	200	82002618	0,881	1
	300	82002619	1,140	1
	500	82002620	1,650	1
	600	82002621	1,910	1

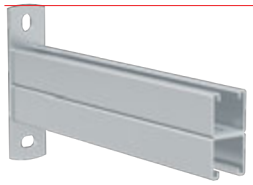
↓CTA↓ (kg)	kg
200	358
300	262
500	165
600	141
800	107
1000	85

ETIM: EC001003



Soporte péndulo 41x82

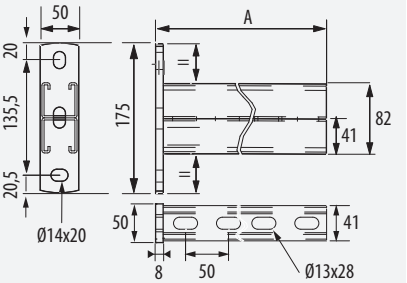
Cantilever arm 41x82



S	A	Ref	kg/u	
EZ	500	82004243	3,310	1
	600	82004244	3,830	1
	800	82004245	4,580	1
	1000	82004246	5,880	1
GC	500	82002622	3,370	1
	600	82002623	3,890	1
	800	82002624	4,930	1
	1000	82002625	5,980	1

ETIM: EC001003

↓CTA↓ (kg)	kg
500	376
600	318
800	247
1000	198



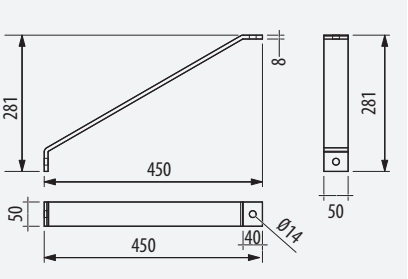
Refuerzo soporte 41

Cantilever Arm Brace



S	Ref	kg/u	
GC	82002627	1,880	5
316	82002628	1,710	5

ETIM: EC001003

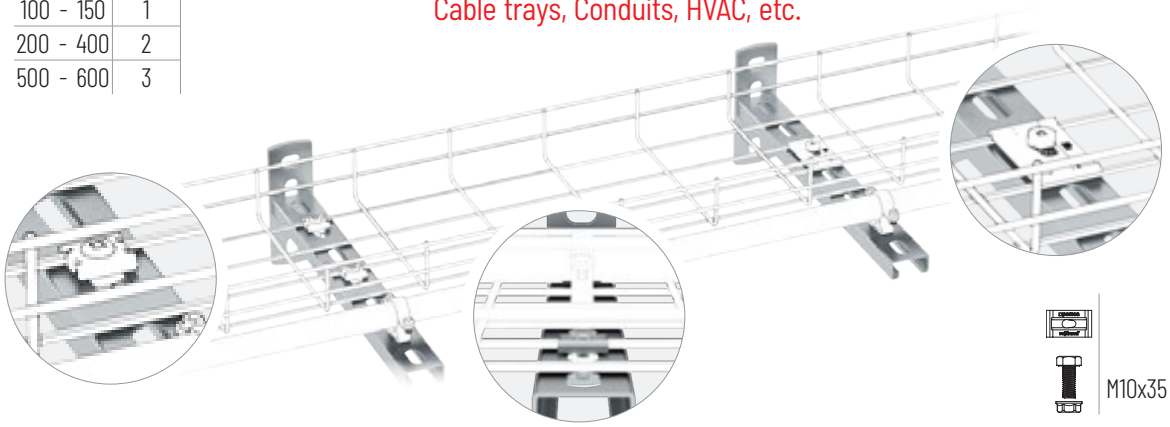


100 - 150	1
200 - 400	2
500 - 600	3

036

Multipurpose Support System

Cable trays, Conduits, HVAC, etc.



		x1	118
	M10x35	x2	253

Rápida Instalación

Quick Assembly

¡Rápido y Seguro!

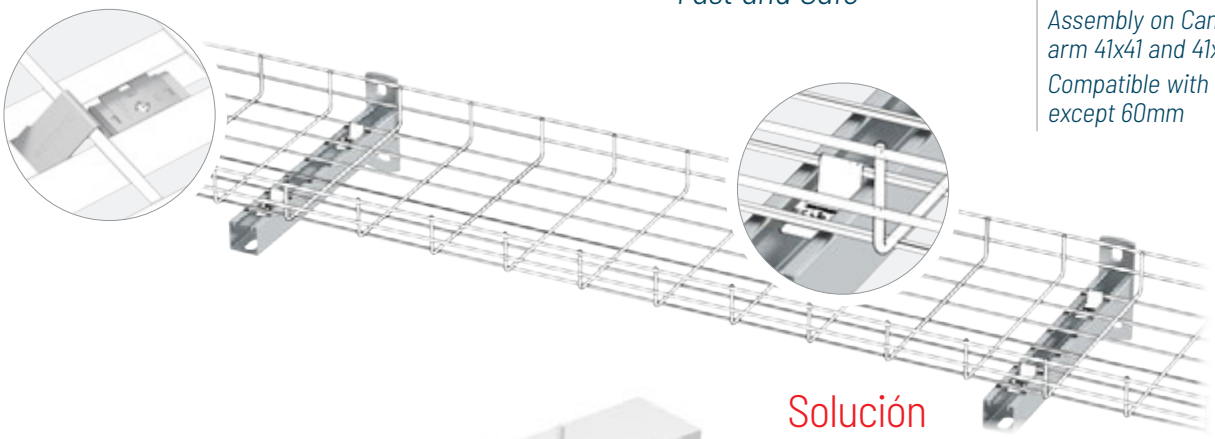
Fast and Safe

100 - 300	1
400 - 600	2

234

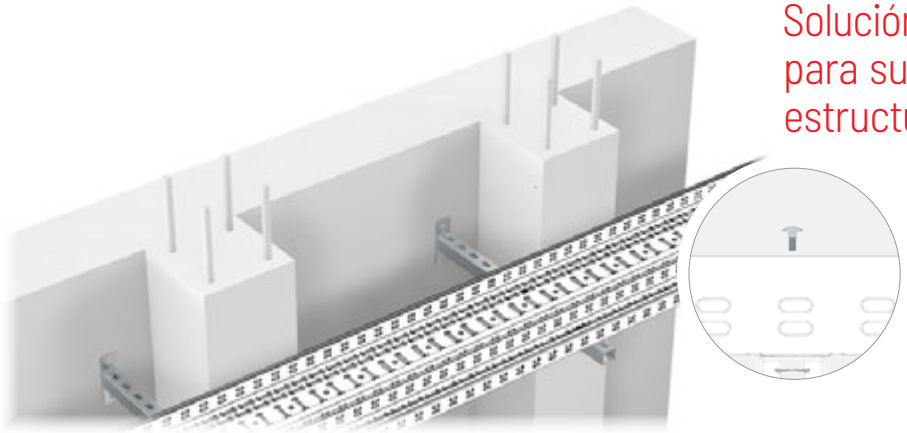
Assembly on Cantilever arm 41x41 and 41x21

Compatible with any width except 60mm

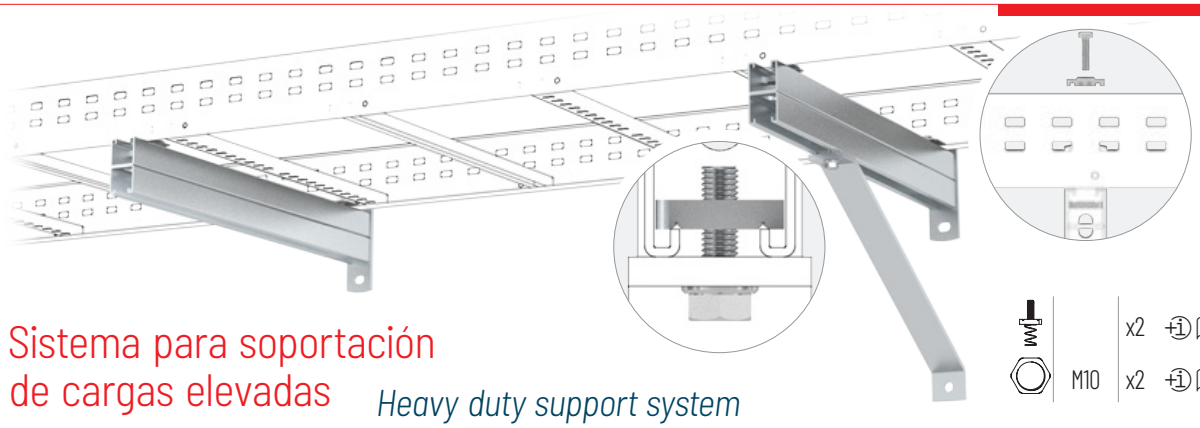


Solución para superar obstáculos estructurales

Solution to overcome obstacles



	M6x30	x2	252
	M10	x2	253
	M8	x2	254



Sistema para soportación de cargas elevadas

Heavy duty support system

		x2	232
	M10	x2	253

Rail 3C 40x30x1.5

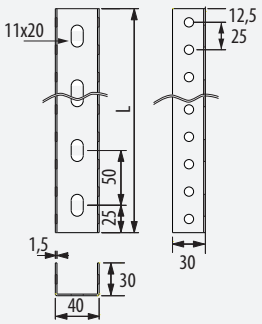
3C Strut 40x30x1.5





	35,60,100 • 60-400			
S	Ref		kg/u	u
PG	81000101	500	0,526	1
	81000105	1000	1,050	1
	81000107	3000	1,050	1
GC	82003164	500	0,582	1
	82003166	1000	1,170	1
	82003168	3000	1,170	1

ETIM: EC000022



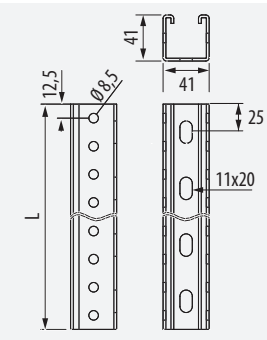
Rail 3C 41x41x2.5

3C Strut 41x41x2.5





	35,60,100 • 60-400			
S	Ref		kg/u	u
PG	81000104	500	0,788	1
	81000106	1000	1,580	1
	81000109	3000	1,580	1
GC	82003165	500	0,872	1
	82003167	1000	1,740	1
	82003170	3000	1,740	1



Soporte fijación 3C

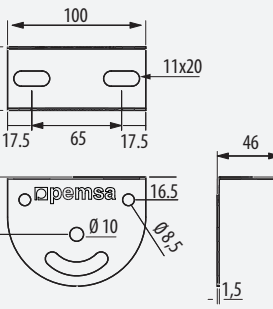
3C Mounting Plate





	35,60,100 • 60-400		
S	Ref	kg/u	u
PG	82003172	0,185	2
GC	82003175	0,206	2

ETIM: EC000022



Soporte base rail 3C

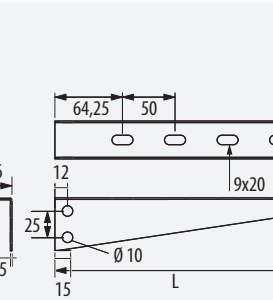
3C Strut Cantilever





	35,60,100 • 60-400			
S	Ref		kg/u	u
PG	82003152	100	0,154	1
	82003154	150	0,208	1
	82003155	200	0,263	1
	82003156	300	0,372	1
	82003157	400	0,481	1
GC	82003158	100	0,170	1
	82003160	150	0,231	1
	82003161	200	0,291	1
	82003162	300	0,411	1
	82003163	400	0,535	1

ETIM: EC000022



Válido sólo Rail 3C 40x30

Only valid for Rail 3C 40x30

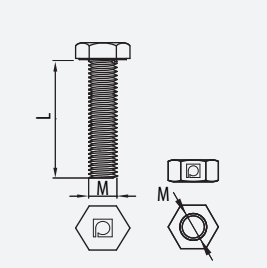
Tornillo C/Exagonal + Tuerca Exagonal

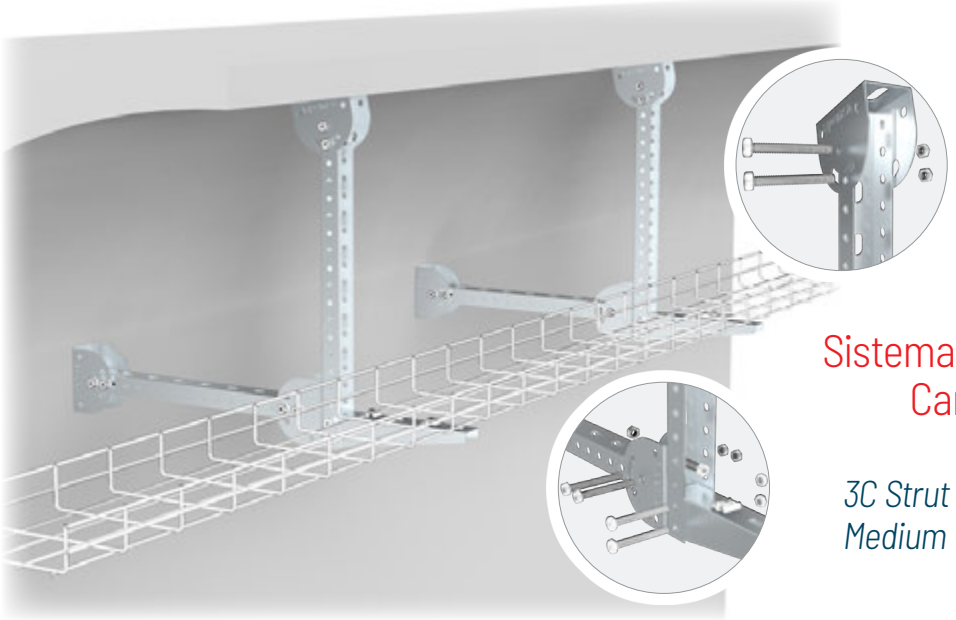
rejiband® *Universal Bracket*





	35,60,100 • 60-400			
S	M	Ref	kg/u	u
EZ	M8x65	67020092	0,040	100
GC		67030092	0,040	100
EZ	M8	67020095	0,005	100
GC		67030062	0,005	100

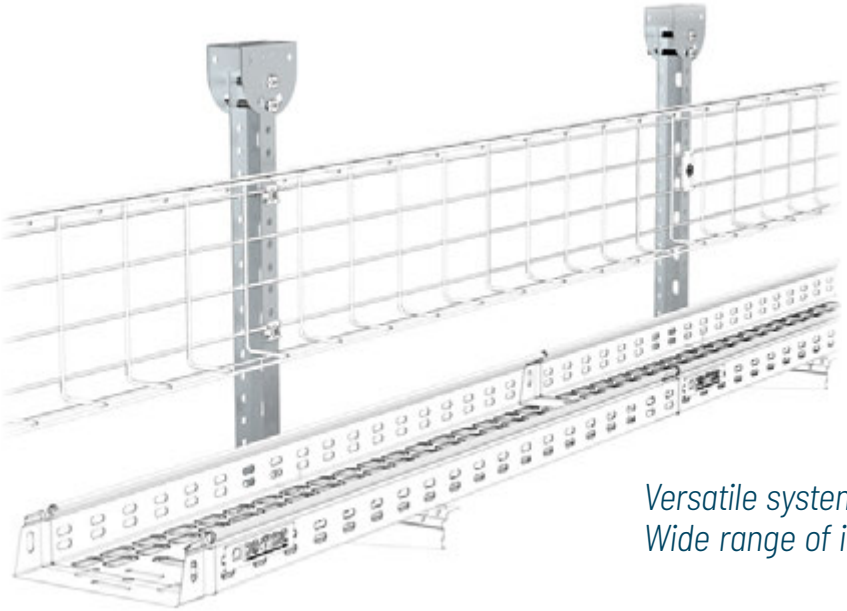




	M8x65	x2	253

Sistema Rail 3C 40x30. Cargas medias y ligeras

3C Strut 40x30 System. Medium & light duty loads



		x1	118
	M8x20	x1	253
	M6x30	x2	036

Sistema Versátil. Amplias opciones de instalación.

Versatile system. Wide range of installation options



		x1	214
	M10x35	x2	253
		x2	232

Sistema Rail 3C 41x41. Cargas elevadas

3C Strut 41x41 System. Heavy duty loads

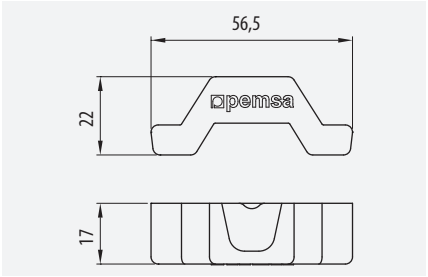
Protector Omega SPLUS

Omega SPLUS Protector



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

ETIM: EC000475



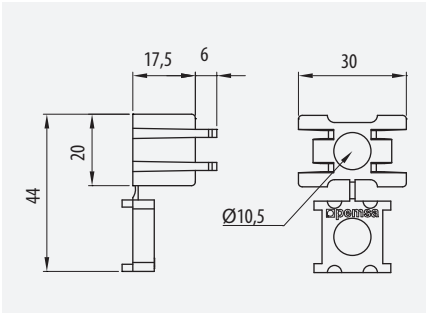
Tope Omega SPLUS

Omega SPLUS Plug



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

ETIM: EC000475



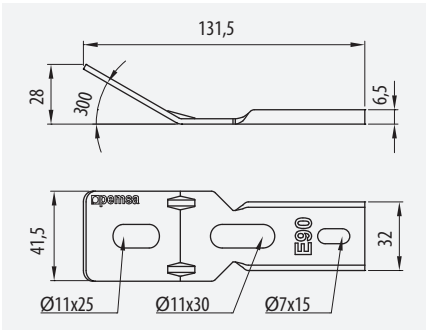
Conector E90 SPLUS

Connector E90 SPLUS



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

ETIM: EC000022



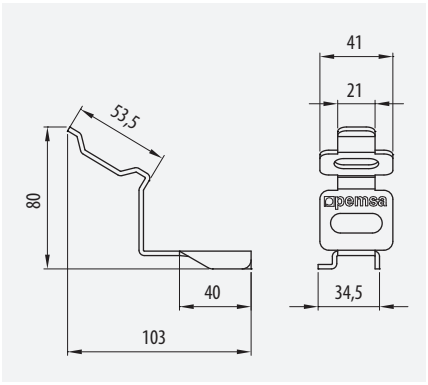
Conector E90 RPLUS

Connector E90 RPLUS



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

ETIM: EC000022



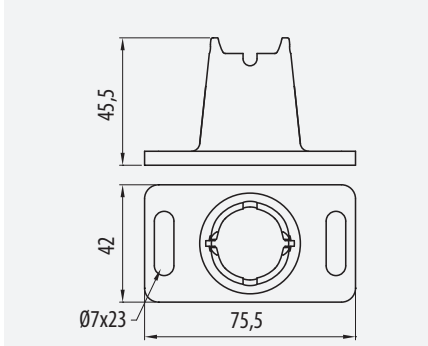
Pie

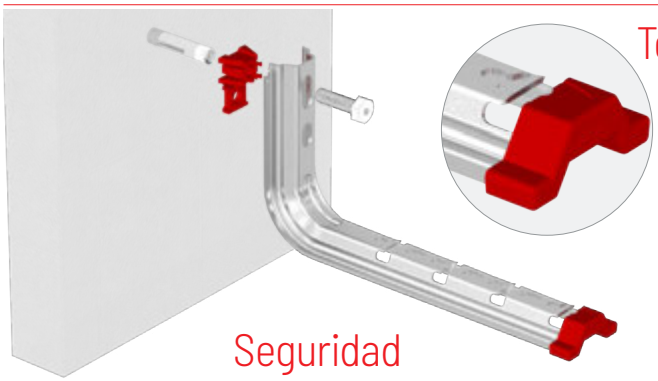
Floor Foot



35-60-100 • 60-600			
	Ref	kg/u	u
	68000060	0,022	100
	68000160	0,022	100

ETIM: EC000022





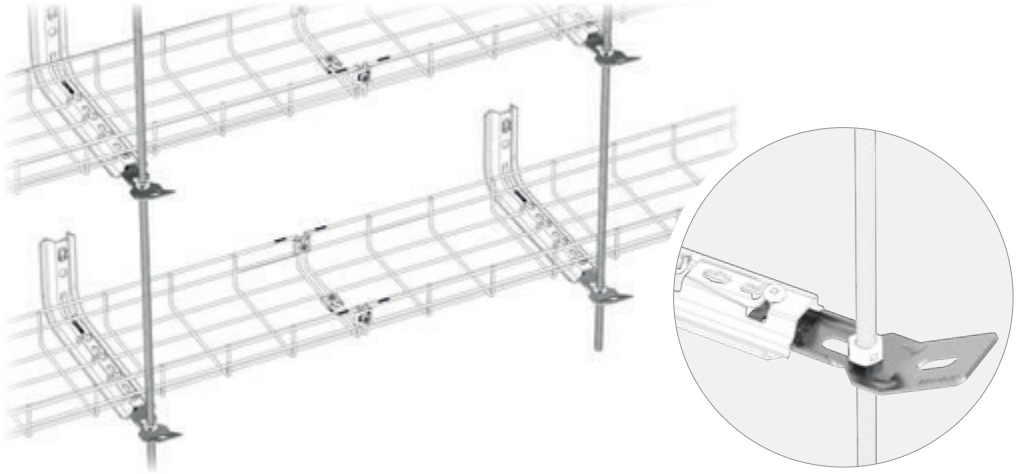
Tope
Plug

Seguridad
Safety

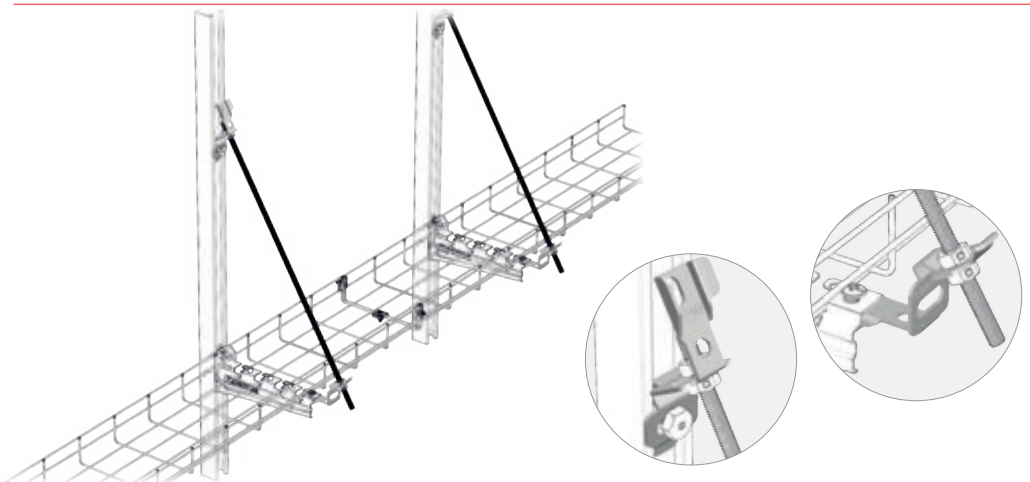
Mejora la instalación
Improves the installation



Protector
Protector

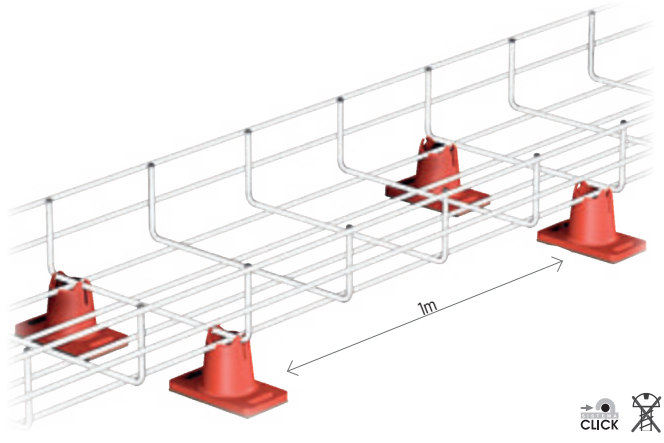


	M6x30	x1	036
	M8x1000	x1	226
	M8	x2	253



		x1	216
	M8x500	x1	226
	M8	x2	253
	M6x30	x1	252

E90





¡Fácil, económico!
Easy, Economical

ref. 68000066

Adhesivo Pie
Adhesive & hardener

Rápida Instalación
Quick Assembly

Pie Metal

Metal Foot





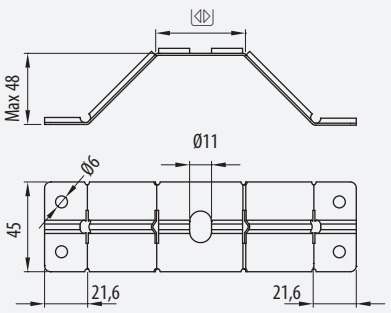
CE UK CA RoHS III

35-60-100 • 60-600

S		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

ETIM: EC000022

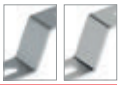




Distanciador

Stand off Bracket





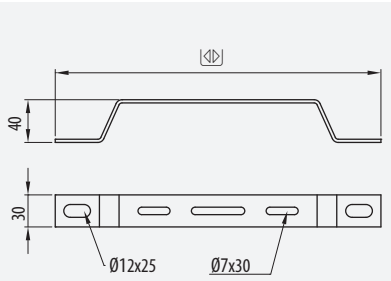
CE UK CA RoHS III

35-60-100 • 60-600

S		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

ETIM: EC000022





↓CTA↓ (kg) 100

Distanciador Click

Stand off Bracket Click





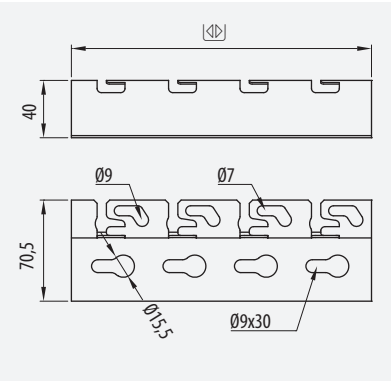
CE UK CA RoHS III CLICK

35-60-100 • 100-600

S		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

ETIM: EC000022





↓CTA↓ (kg) 250

Distanciador Click 100

Stand off Bracket Click 100





CE UK CA RoHS III CLICK

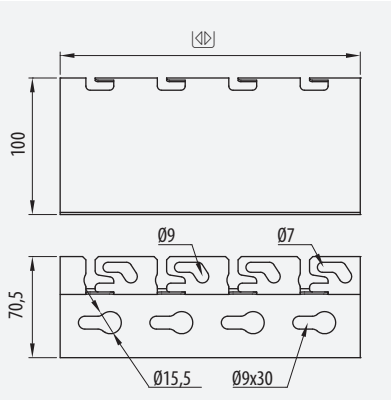
• 35-60-100-150 • 100-300

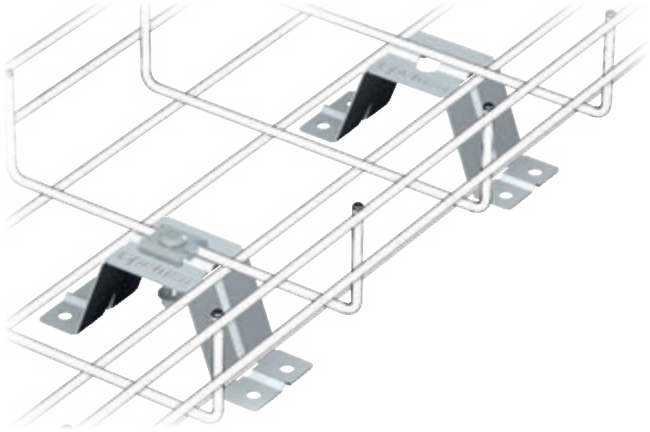
S		Ref	kg/u	u
316L	100	67060560	0,191	10
	200	67060562	0,369	10
	300	67060564	0,546	10

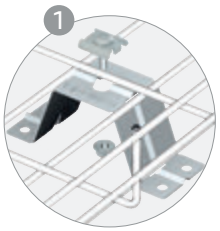
ETIM: EC000022

↓CTA↓ (kg) 250



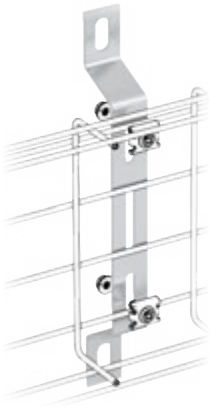




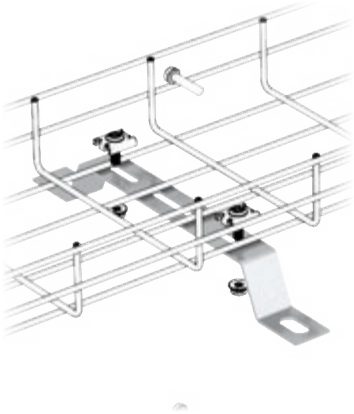


Aplicaciones:

- Suelos técnicos
- Instalaciones Comunicaciones
- Salas de Instalaciones







Applications:

- *Technical floors*
- *Communication Installations*
- *Technical rooms*

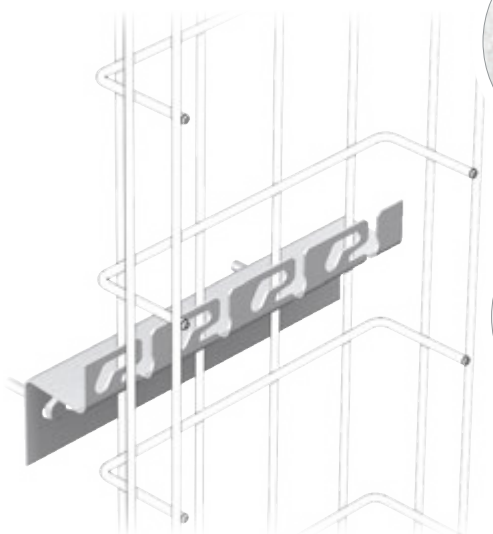
↓CTA↓ (kg)	56

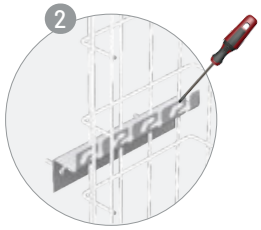


CLICK

Premontaje vertical seguro. No se cae

Safe vertical pre-assembly. Does not fall off





CLICK

Sistema Click.
Sin tornillos

Click System. No screws are required

Suspensión Omega SPLUS

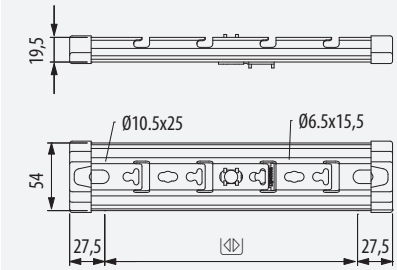
SPLUS Omega Suspension





S	35-60-100 • 100-600	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
AZ+	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
BK8	100	63082104	0,137	10
	150	63082154	0,187	10
	200	63082204	0,228	10
	300	63082304	0,321	10
	400	63082404	0,411	10
	500	63082504	0,502	10
	600	63082604	0,593	10
304	100	63052104	0,136	10
	150	63052154	0,182	10
	200	63052204	0,221	10
	300	63052304	0,306	10
	400	63052404	0,391	10
	500	63052504	0,476	10
	600	63052604	0,561	10
316L	100	63062104	0,136	10
	150	63062154	0,182	10
	200	63062204	0,221	10
	300	63062304	0,306	10
	400	63062404	0,391	10
	500	63062504	0,476	10
	600	63062604	0,561	10

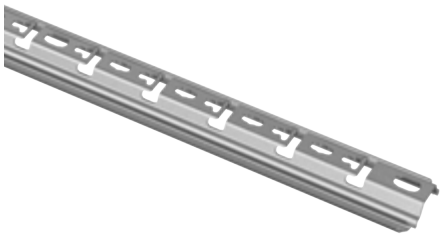
ETIM: EC001003



CTA	100-600	kg
una varilla/one rod	100-300	160
doble varilla/double rod	400-600	390

Rail Omega SPLUS

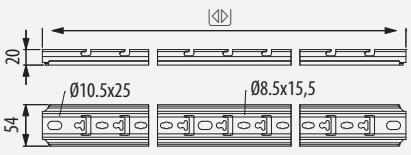
SPLUS Omega Channel





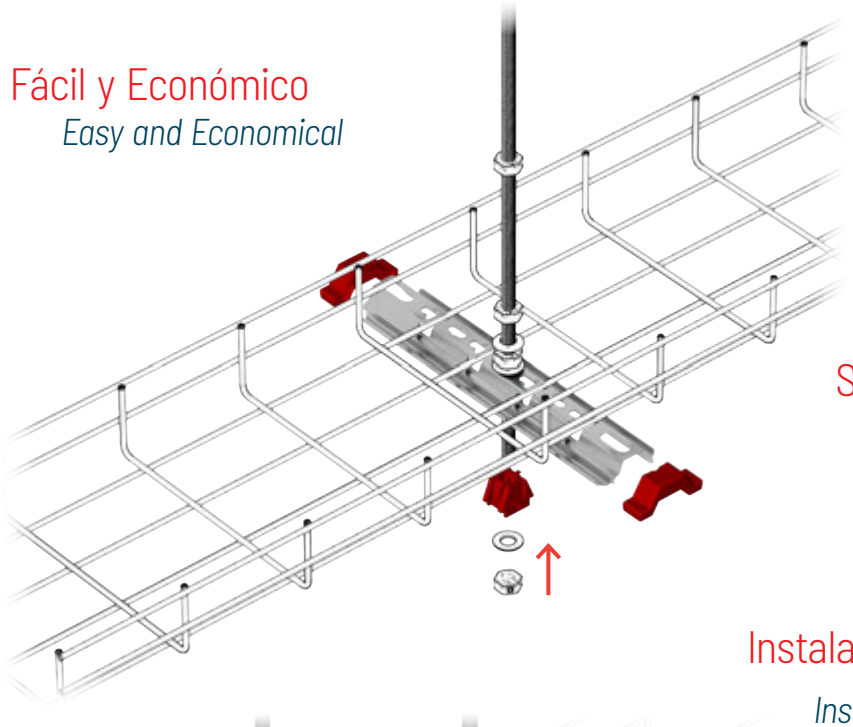
S	35-60-100 • 100-600	Ref	kg/u	u
PG	1000	67020110	1,196	1
	2000	67020111	2,331	1
	3000	67020112	3,462	1
AZ+	1000	67030110	1,229	1
	2000	67030111	2,399	1
	3000	67030112	3,555	1

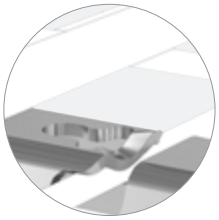
ETIM: EC001003



Fácil y Económico

Easy and Economical



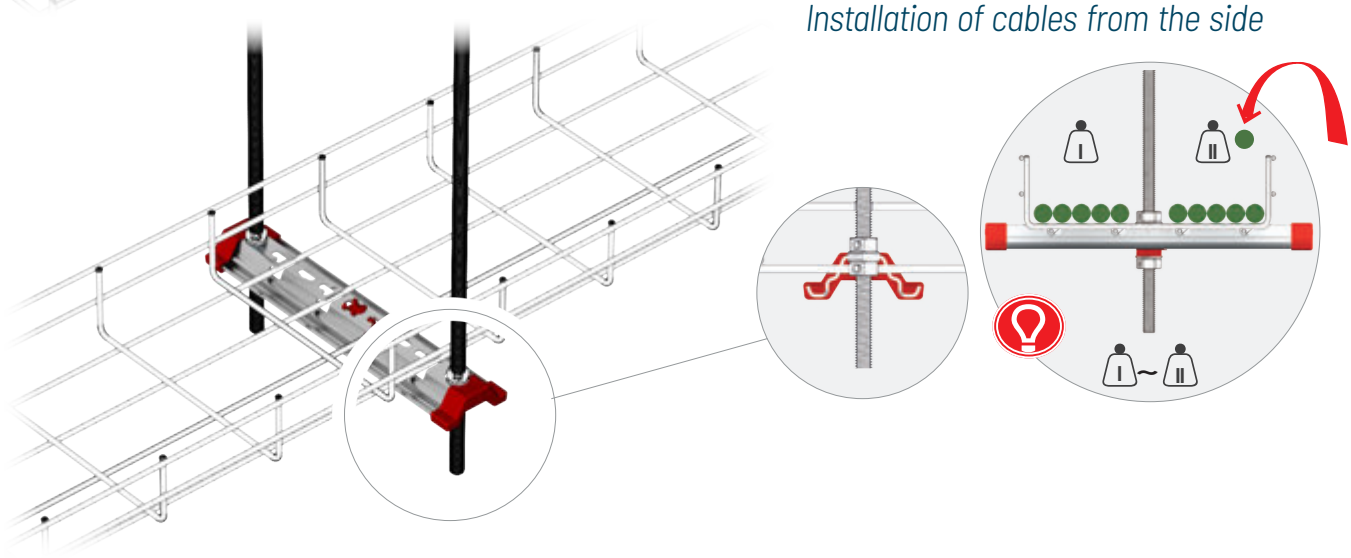


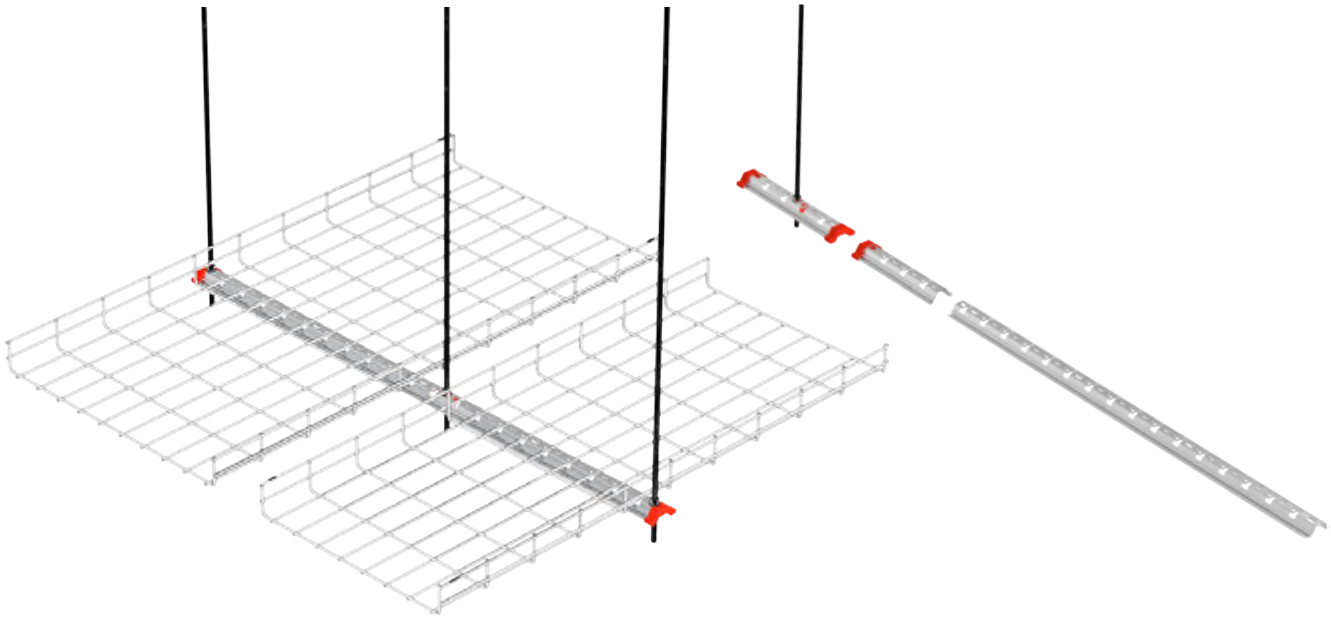
Sistema Click. Sin fijaciones

Click System. No additional fixings

Instalación lateral del cable

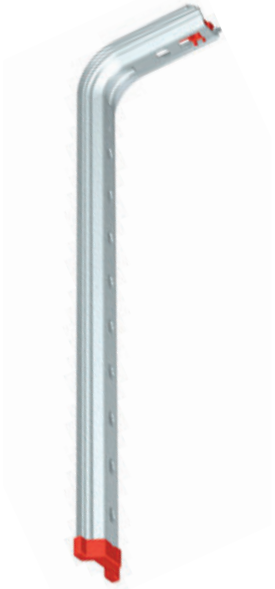
Installation of cables from the side





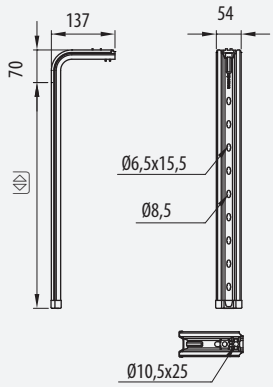
Péndulo Omega SPLUS

Bracket/Pendant SPLUS

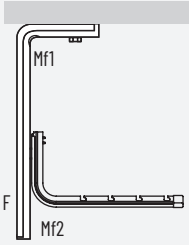


S	300-600	Ref	kg/u	Pu
GS	300	62021304	0,572	5
	400	62021404	0,693	5
	500	62021504	0,796	5
	600	62021604	0,916	5
GC	300	62031304	0,586	5
	400	62031404	0,711	5
	500	62031504	0,815	5
	600	62031604	0,939	5
C8	300	62081304	0,566	5
	400	62081404	0,681	5
	500	62081504	0,524	5
	600	62081604	0,949	5
304	300	62051304	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

ETIM: EC000082



CTA	300-600	F kg	Mf1 kg.m	Mf2 kg.m
	EZ / GC			
	300	135	5	6
	400	165,3	5	6
	500	200	6	6
	600	180	5	6
	304 / 316L			
	130	7	8	6
	200	6	7	6
	220	6	8	10
	275,3	7	9	10



Péndulo Rail 41

Cantilever Arm Pendant 41

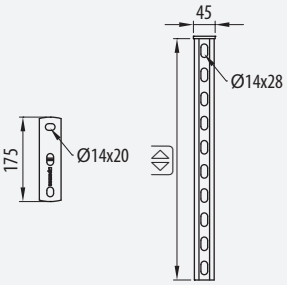


S	41x21	Ref	kg/u	Pu
EZ	500	82002603	1.040	1
	1000	82002604	1.770	1

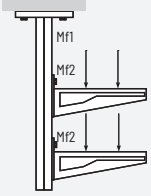
S	41x41	Ref	kg/u	Pu
EZ	800	82004241	2.430	1
	1000	82004242	2.950	1
GC	500	82002610	1.710	1
	600	82002611	1.980	1
	800	82002612	2.510	1
	1000	82002613	3.050	1
304	500	82002616	1.390	1
	600	82002617	1.600	1
316L	500	82002620	1.390	1
	600	82002621	1.600	1

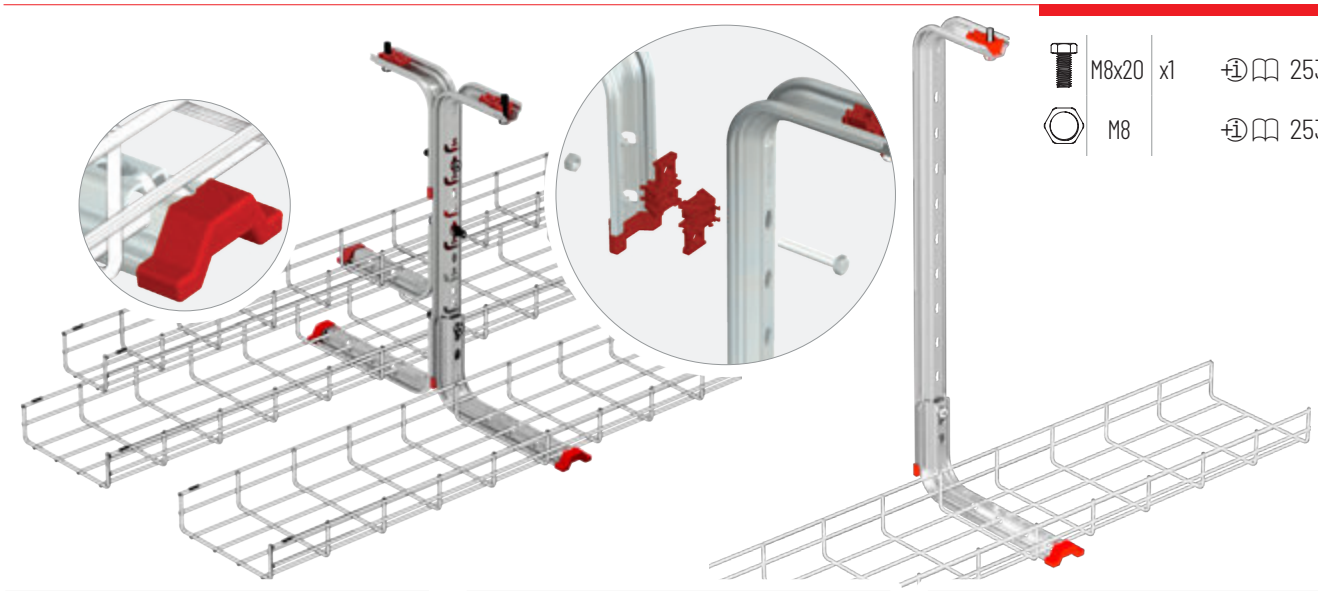
S	41x82	Ref	kg/u	Pu
EZ	500	82004243	3.310	1
	600	82004244	3.830	1
	800	82004245	4.850	1
	1000	82004246	5.880	1
GC	500	82002622	3.370	1
	600	82002623	3.890	1
	800	82002624	4.930	1
	1000	82002625	5.980	1

ETIM: EC000082

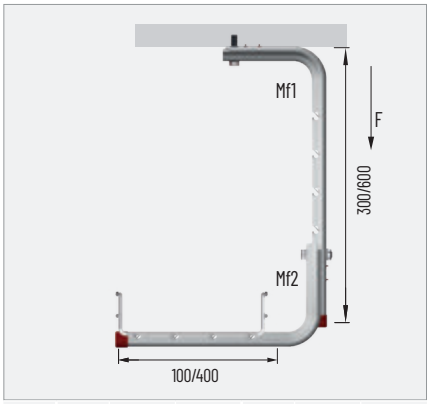


CTA		41x21	F kg	Mf1 kg.m	Mf2 kg.m
		EZ / GC			
	41x21	500	150	32	36
		1000	100	15	30
		EZ / GC			
	41x41	500	350	82	100
		600	350	70	98
		800	200	66	95
		1000	400	51	91
		304 / 316L			
		500	350	68	88
		600	300	85	86
		EZ / GC			
	41x82	500	800	200	90
		600	800	100	20
		800	600	100	20
		1000	600	100	120

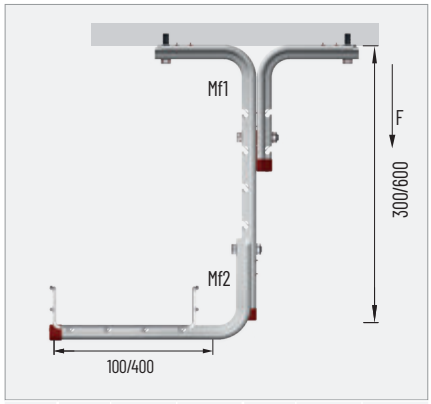




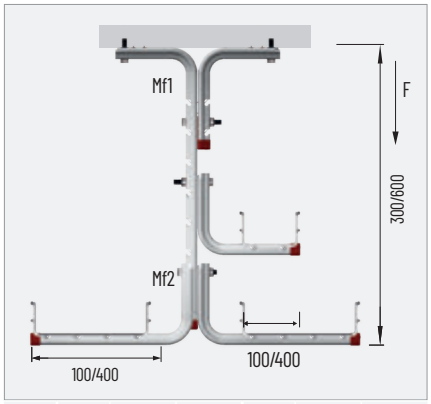
M8x20 x1 1 253
M8 1 253



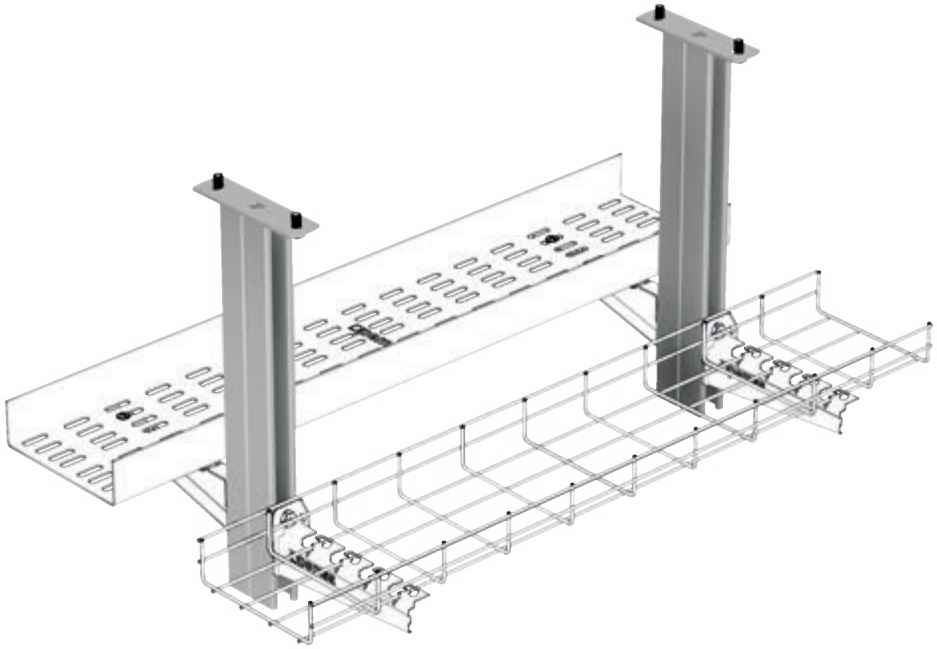
	F (kg)	Mf1 (kgm)	Mf2 (kgm)	F (kg)	Mf1 (kgm)	Mf2 (kgm)
	EZ / GC			304 / 316L		
300	135	5	6	130	7	8
400	165,3	5	6	200	6	7
500	200	6	6	220	6	8
600	180	5	6	275,3	7	9



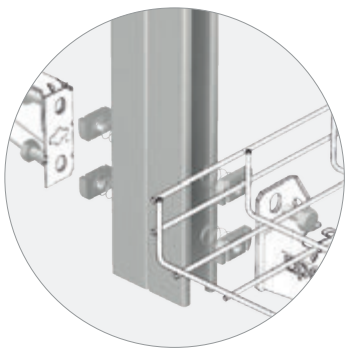
	F (kg)	Mf1 (kgm)	Mf2 (kgm)	F (kg)	Mf1 (kgm)	Mf2 (kgm)
	EZ / GC			304 / 316L		
300	150	5	7	150	7	10
400	185	5	6	220	6	9
500	225	6	6	245	6	15
600	205	5	8	305	7	12



	F (kg)	Mf1 (kgm)	Mf2 (kgm)	F (kg)	Mf1 (kgm)	Mf2 (kgm)
	EZ / GC			304 / 316L		
300	150	5	7	150	7	10
400	185	5	6	220	6	9
500	225	6	6	245	6	15
600	205	5	8	305	7	12



M8x20 x4 1 253
x4 1 232

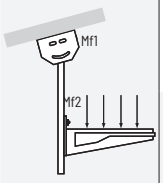


Raíl Péndulo Reforzado

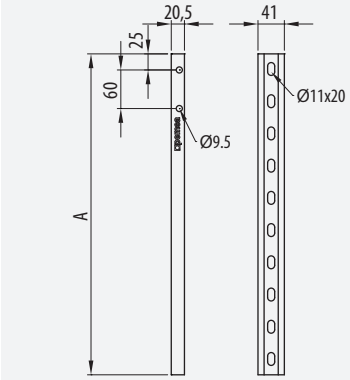
Heavy Duty Pendant Channel



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

↓CTA↓ (kg)	F kg	Mf1 kg.m	Mf2 kg.m
	500	300	35	40
	1000	300	35	40

ETIM: EC000082



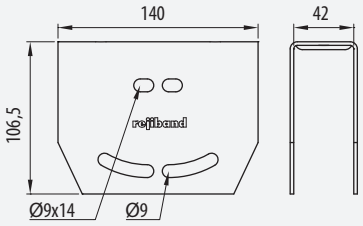
Suspensión Raíl Péndulo

Heavy Duty Pendant Boss



S	Ref	kg/u	u
PG	67030645	0,619	1

ETIM: EC000082

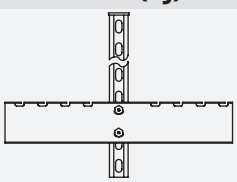


Soporte RPLUS Simétrico

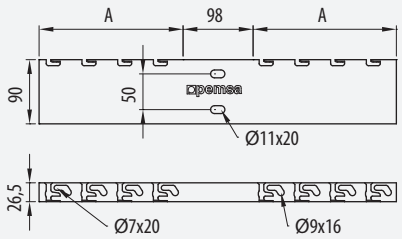
Symmetrical RPLUS Bracket

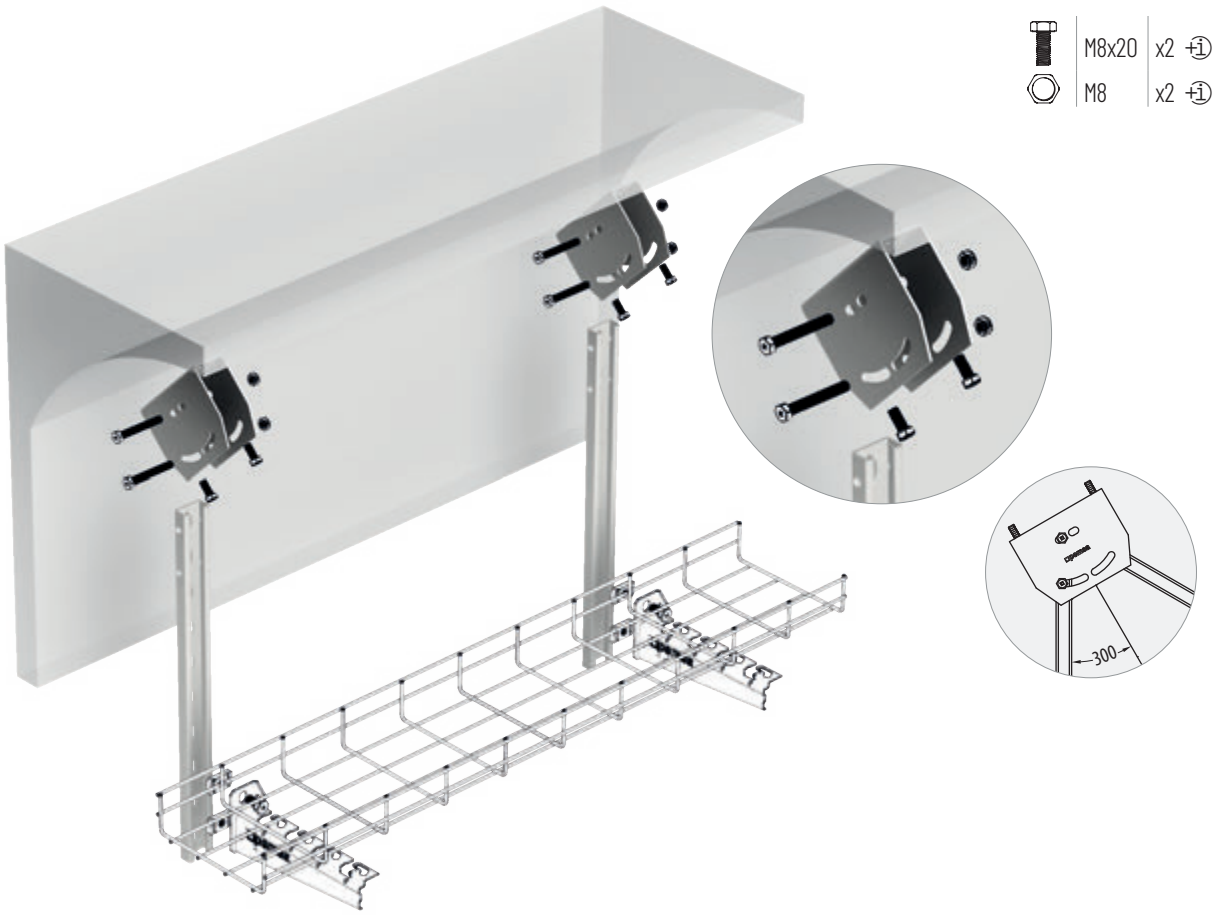


S	A	Ref	kg/u	u
GC	100	63034103	0,481	4
	150	63034153	0,653	4
	200	63034203	1,042	4
	300	63034303	1,452	4

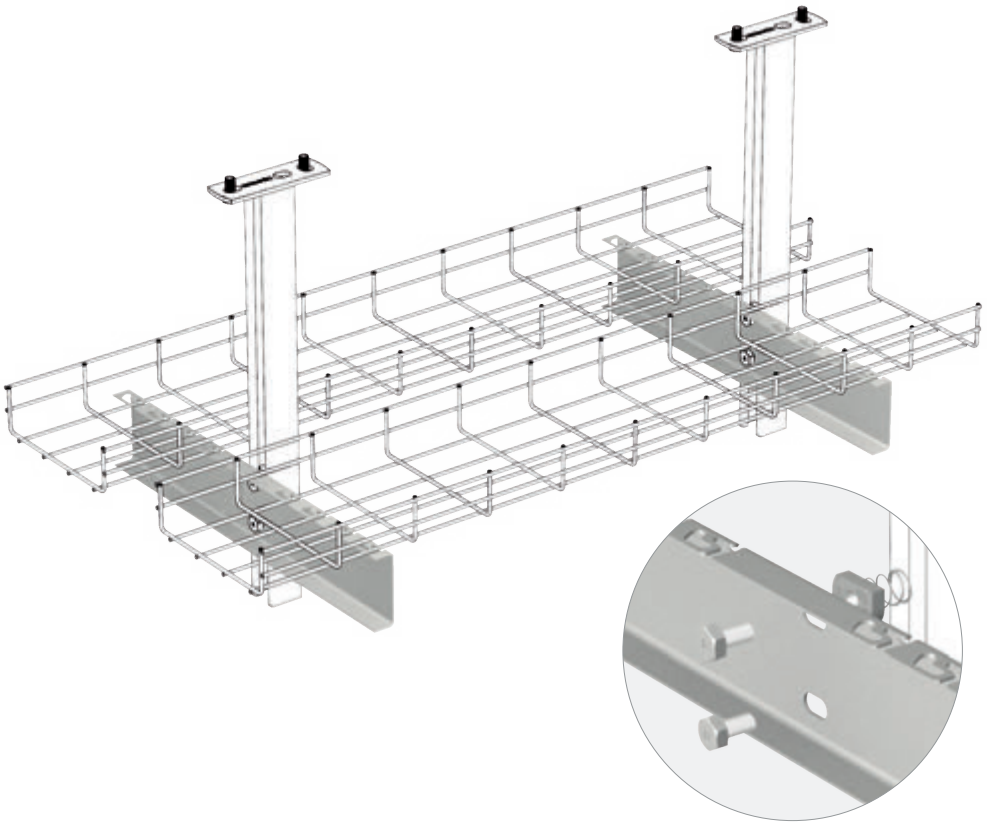
↓CTA↓ (kg)	kg
	100	45
	150	80
	200	170
	300	150

ETIM: EC001003





M8x20	x2	1	253
M8	x2	1	253



M8x20	x2	1	253
	x2	1	232

Fijación Techo

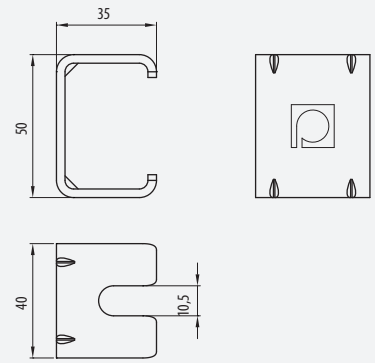
Ceiling Rod Bracket



	Ref	kg/u	
PG	67030060	0,094	10

ETIM: EC001003

↓CTA↓ (kg)	275



Fijación Techo Orientable

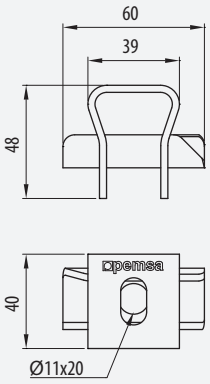
Variable Ceiling Rod Bracket



	Ref	kg/u	
GC	67030061	0,152	1

ETIM: EC001003

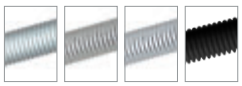
↓CTA↓ (kg)	127



Varilla Roscada

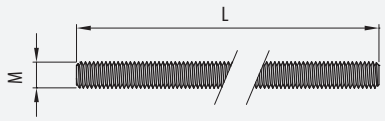
Threaded Rod





	M	L	Ref	kg/u	
EZ	M6	500	67010140	0,121	50
	M6	1000	67010141	0,241	50
	M8	500	81000440	0,161	50
	M8	1000	81000441	0,321	50
	M10	1000	81000442	0,491	50
GC	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
BK8	M8	1000	67080045	0,321	50

ETIM: EC001003



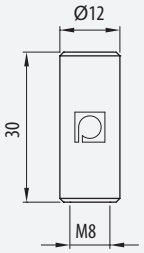
Conector M8

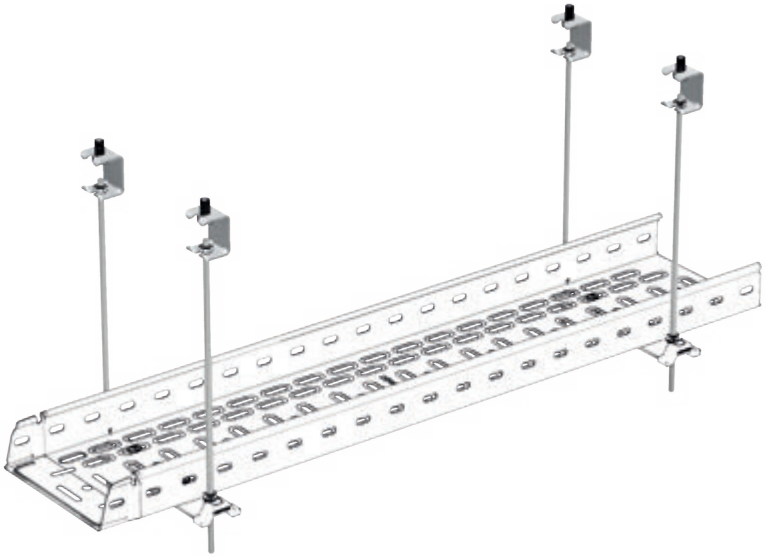
M8 Rod Connector

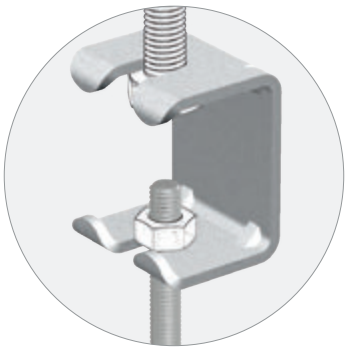


	Ref	kg/u	
EZ	81000443	0,019	50

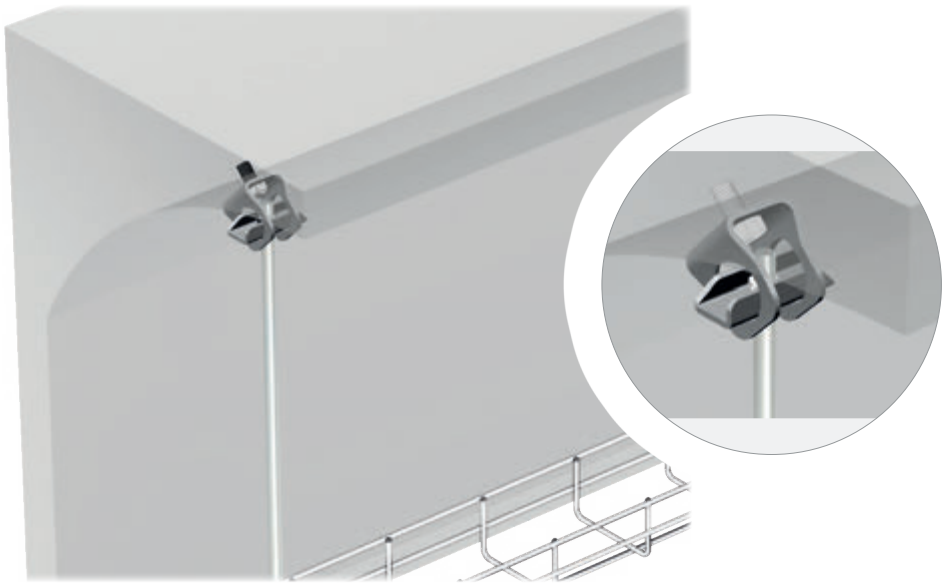
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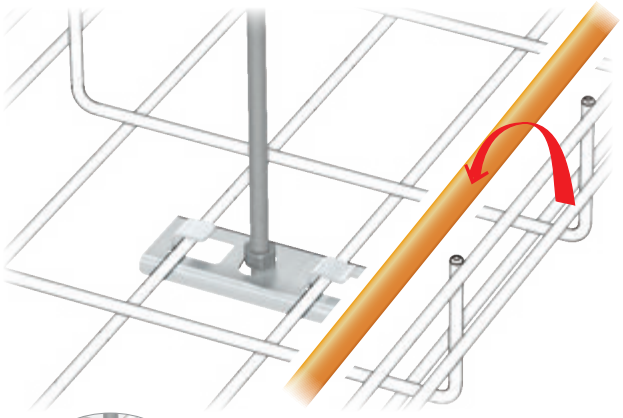


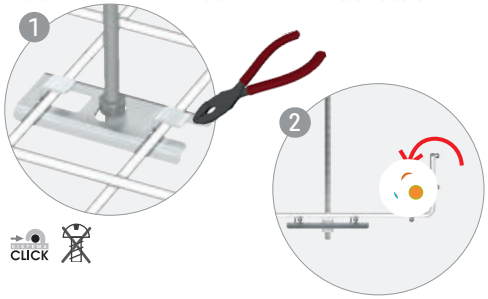


x 1 226
x2 253

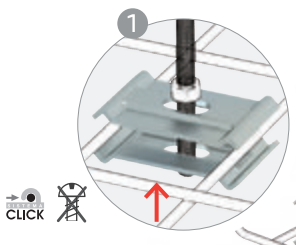


x1 226
x2 253





x 1 050
x 2 253
x 1 226



x 2 052
x 2 253
x 1 226
x 1 226

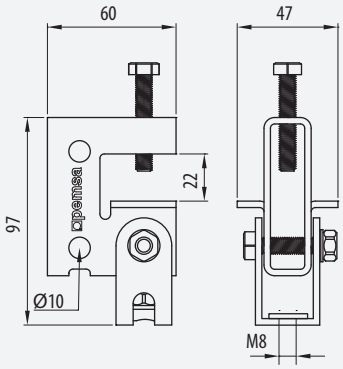
Conjunto Péndulo Grapa Viga

Beam Clamp Hanging Assembly



	Ref	kg/u	u
EZ	67020048	0,343	1

ETIM: EC001003



Soporte Panel Sandwich

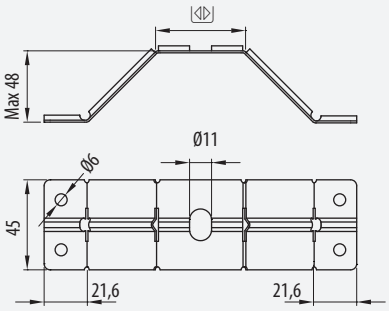
Panel Sandwich Support





	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

ETIM: EC001003



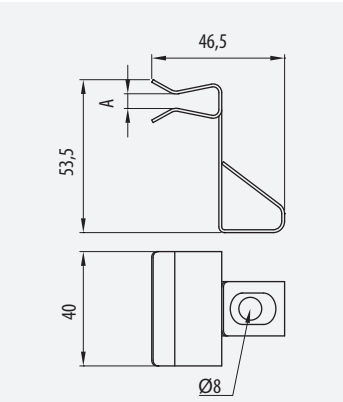
Garra Horizontal de Suspensión

Horizontal Angle Hanger



	A	Ref	kg/u	u
PASSV	1,5 / 5	68000721	0.051	100
	4.0 / 10	68000722	0.051	100

ETIM: EC001003



Garra Vertical de Suspensión

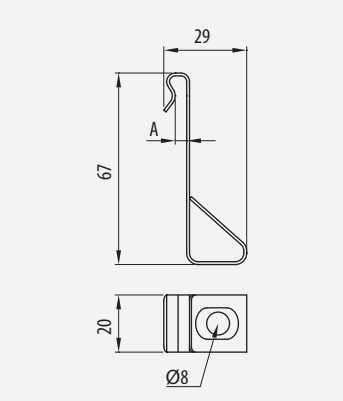
Vertical Angle Hanger

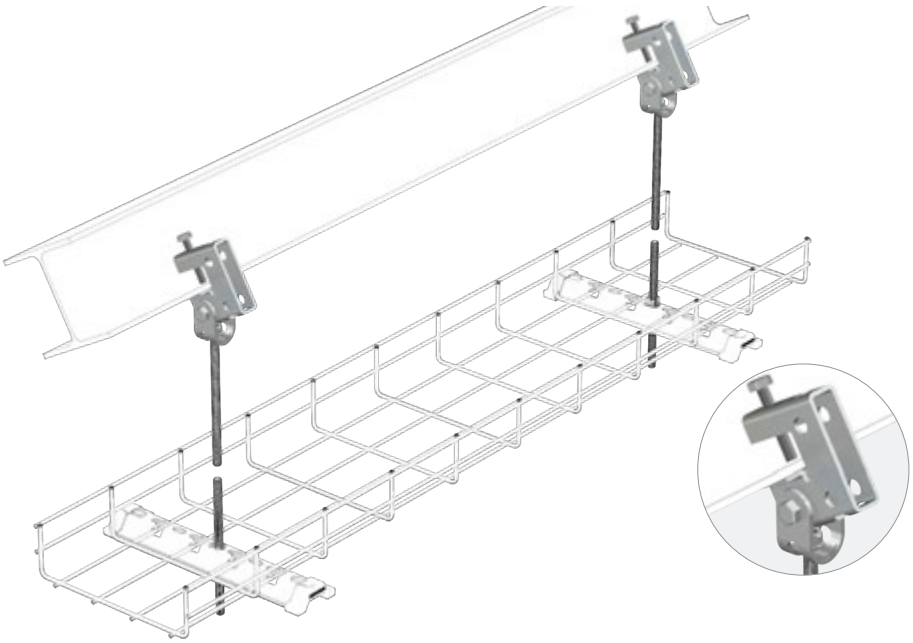


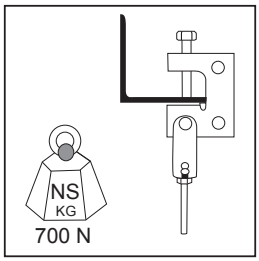
	A	Ref	kg/u	u
PASSV	1,5 / 5	68000731	0.041	100
	4.0 / 10	68000732	0.041	100

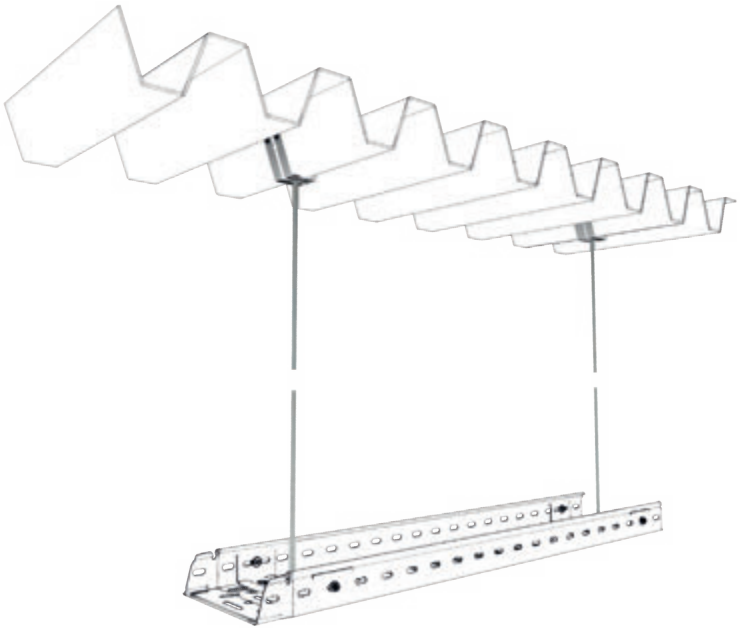
ETIM: EC001003

↓CTA↓ (kg)	65





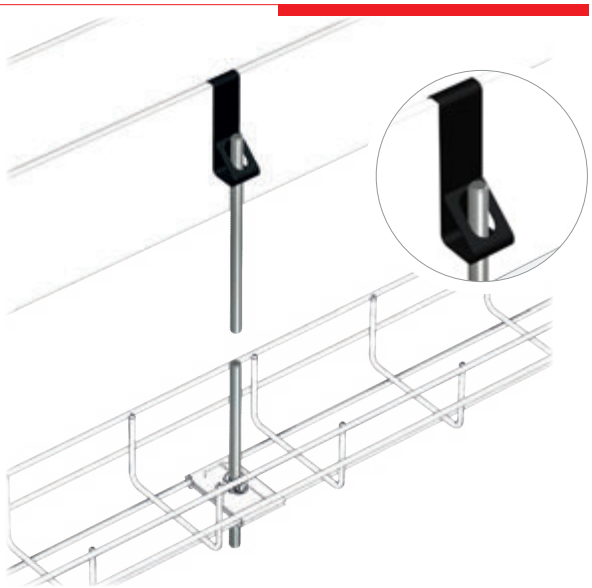

NS
KG
700 N











pemsa

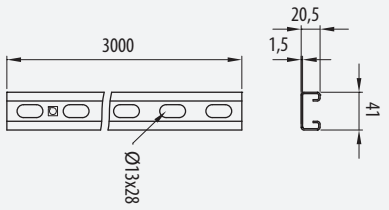
Raíl 41x21x1,5 mm

Light Duty Channel 41x21x1.5 mm



	e(mm)	Ref	kg/u	
PG	1,5	67030075	1,211	3

ETIM: EC000386



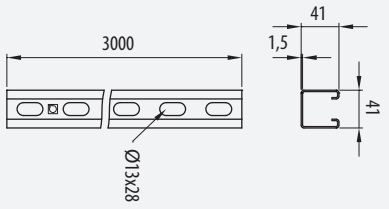
Raíl 41x41x1,5 mm

Light Duty Channel 41x41x1.5 mm



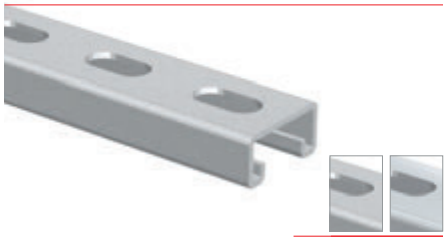
	e(mm)	Ref	kg/u	
PG	1,5	67030074	1,681	3

ETIM: EC000386



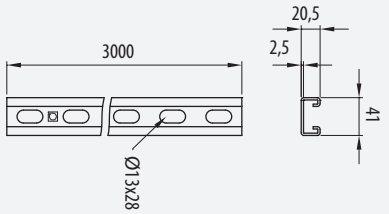
Raíl Reforzado 41x21x2,5 mm

Heavy Duty Channel 41x21x1.5 mm



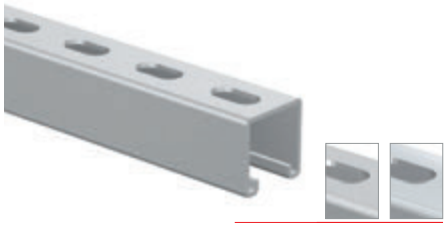
	e(mm)	Ref	kg/u	
PG	2,5	67030052	1,901	3
GC	2,5	67030055	1,803	3
304	2,0	67050055	1,450	3
316L	2,0	67060055	1,450	3

ETIM: EC000386



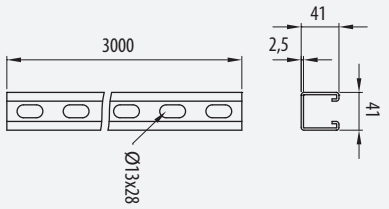
Raíl Reforzado 41x41x2,5 mm

Heavy Duty Channel 41x41x1.5 mm



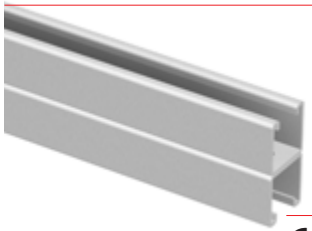
	e(mm)	Ref	kg/u	
PG	2,5	67030053	2,561	3
GC	2,5	67030057	2,561	3
304	2,0	67050057	1,712	3
316L	2,0	67060057	1,712	3

ETIM: EC000386



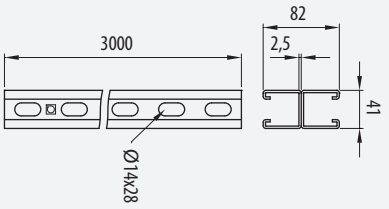
Raíl Reforzado 41x82x2,5 mm

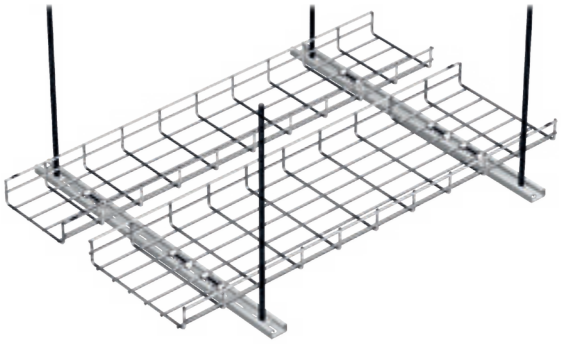
Heavy Duty Channel 41x82x1.5 mm

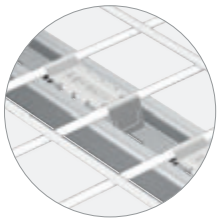


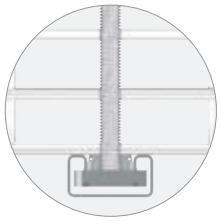
	e(mm)	Ref	kg/u	
GC	2,5	67030157	5,292	3

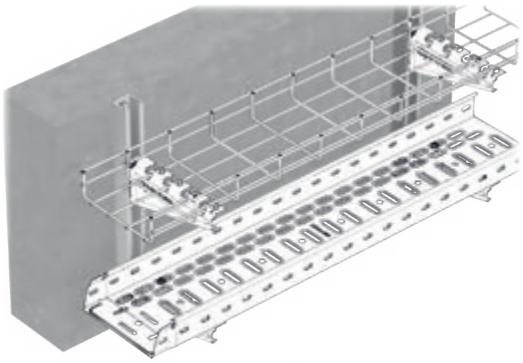
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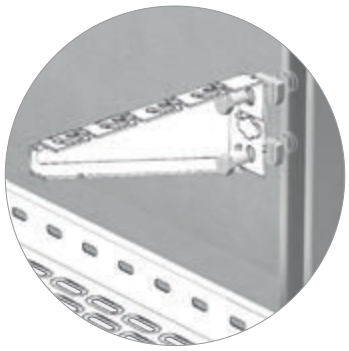






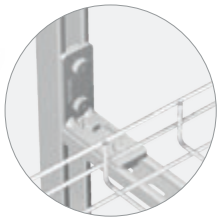


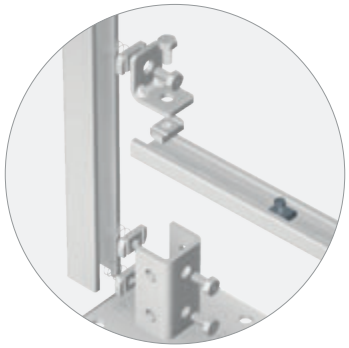




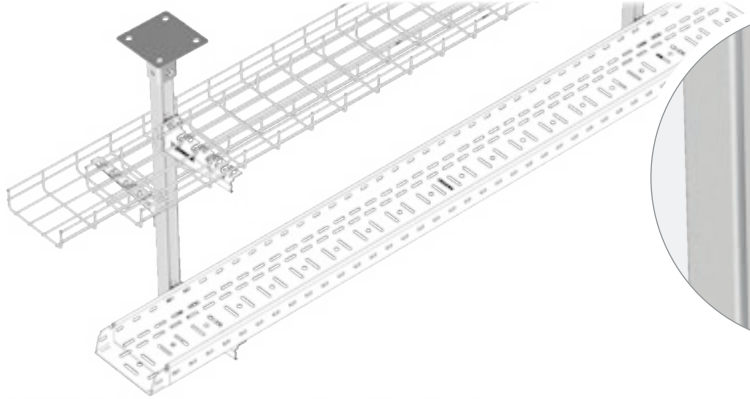
M10x20	x2		253
	x2		232
	x1		230

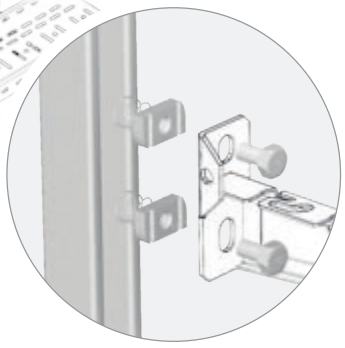




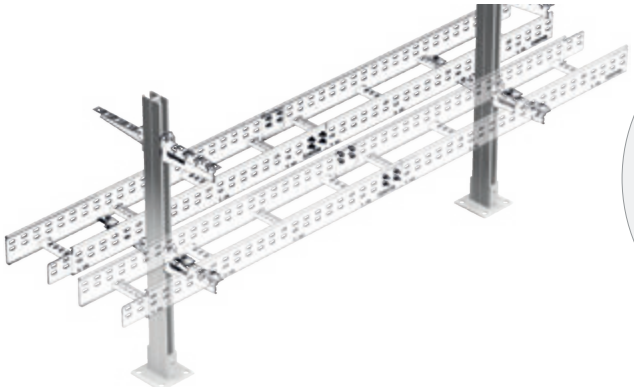


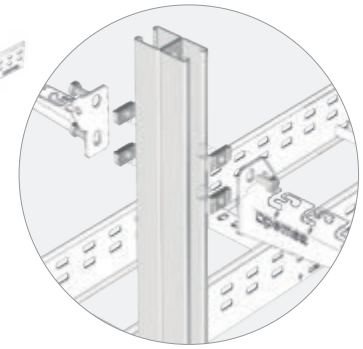
M10x20	x2		253
	x2		232





M10x20	x2		253
	x2		232





M10x35	x4		253
	x4		232

Tuerca Rail Safe&Fast

Safe&Fast Channel Nut

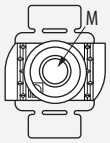




• 41x21 • 41x41

S	M	Ref	kg/u	u
EZ	M6	81000480	0,039	50
	M8	81000481	0,039	50
	M10	81000482	0,039	50
GC	M6	81000483	0,041	50
	M8	81000484	0,041	50
	M10	81000485	0,041	50
316	M6	81000487	0,039	50
	M8	81000487	0,039	50
	M10	81000488	0,039	50

ETIM: EC000482



Tuerca Raíl

Plain Channel Nut





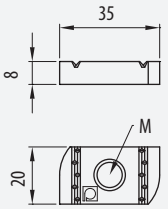
CE UKCA RoHS

• 41x21 • 41x41

S	M	Ref	kg/u	u
EZ	M6	67020055	0,031	100
	M8	67010056	0,031	100
GC	M6	67030054	0,031	100
	M8	67030056	0,031	100
316	M6	67060054	0,031	100
	M8	67060056	0,031	100
	M10	67060058	0,031	100

Bajo pedido, consultar disponibilida
On request, check availability

ETIM: EC000482



Tuerca Muelle Raíl M10

Spring Channel Nut M10





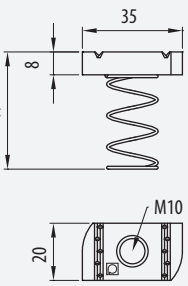
CE UKCA RoHS

• 41x21 • 41x41

S	A	M	Ref	kg/u	u
EZ	21	M10	67020058	0,031	100
	41	M10	67020158	0,031	100
GC	21	M10	67030058	0,031	100
	41	M10	67030158	0,031	100

Bajo pedido, consultar disponibilida
On request, check availability

ETIM: EC000482



Tornillo Muelle Raíl M10

Spring Channel Screw M10

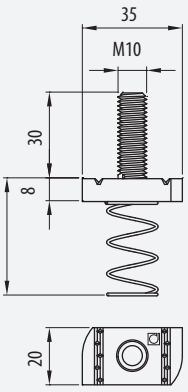


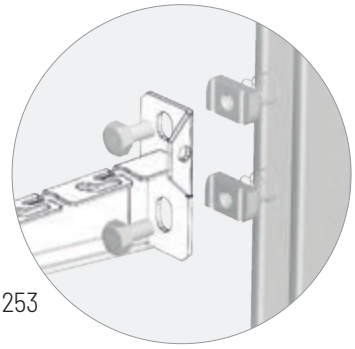
CE UKCA RoHS

• 41x41

S	Ref	kg/u	u
EZ	67020159	0,023	100

ETIM: EC000482

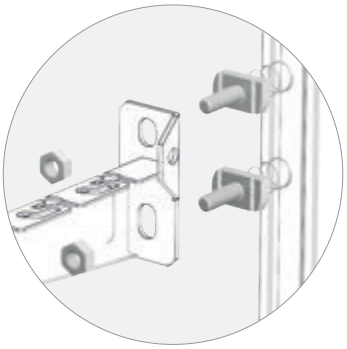


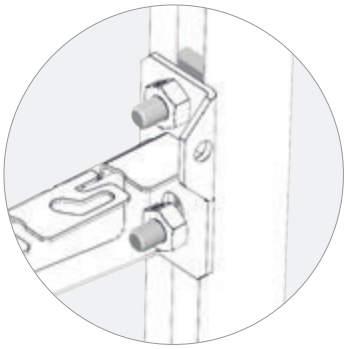


M10x35 x2 253
x2 232



M10x35 x2 253
M10 x2 232
235





M10x35 x2 232
M10 x2 253

Clip Fijación Raíl

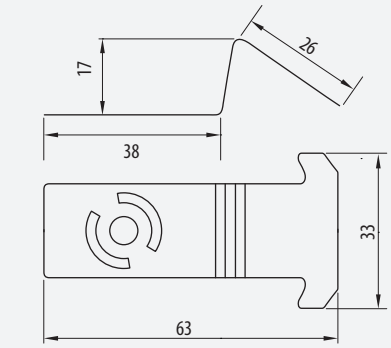
Channel Strut Clip



• 35-60-100 • 100-600

S	Ref	kg/u	u
GC	67030049	0,016	50

ETIM: EC000483



240 M0A

Tapón Final Raíl

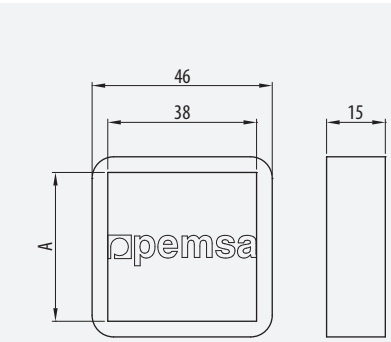
Channel End Plug



• 41x21 • 41x41

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

ETIM: EC000475



240 M0B

Unión Recta Nº 1

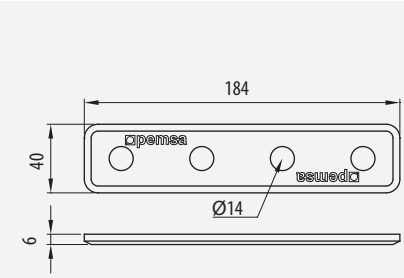
Splice Plate Nº 1



• 41x21 • 41x41

S	Ref	kg/u	u
GC	67030205	0,241	1

ETIM: EC000482



240 M01

Unión Recta U Nº 2

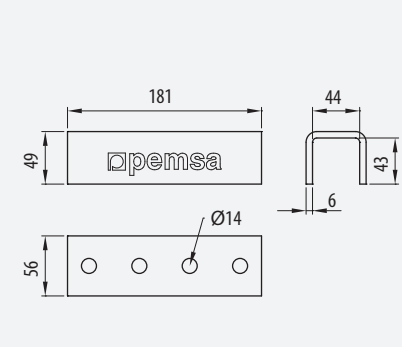
U Shape Splice Plate Nº 2



• 41x41 • 41x82

S	Ref	kg/u	u
GC	67030214	0,291	1

ETIM: EC000482



240 M02

Unión Escuadra 90° Nº 3

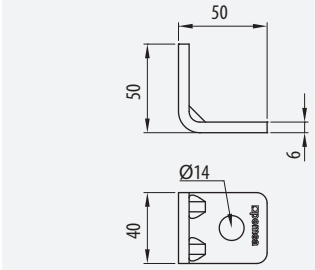
90° 2 Hole Angle Bracket Nº 3



• 41x21 • 41x41

	Ref	kg/u	u
GC	67030201	0,151	1

ETIM: EC000482



RoHS

240 M03

Unión Escuadra 90° Nº 4

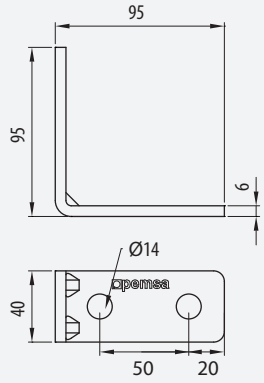
90° 4 Hole Angle Bracket Nº 4



• 41x21 • 41x41 • 41x82

	Ref	kg/u	u
GC	67030202	0,321	1

ETIM: EC000482



RoHS

240 M04

Unión Escuadra 45° Nº 5

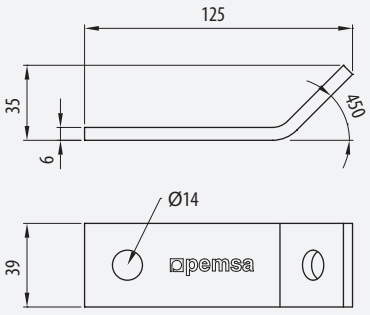
45° External Angle Bracket Nº 5



• 41x21 • 41x41

	Ref	kg/u	u
GC	67030210	0,291	1

ETIM: EC000482



RoHS

240 M05

Unión Escuadra 45° Nº 6

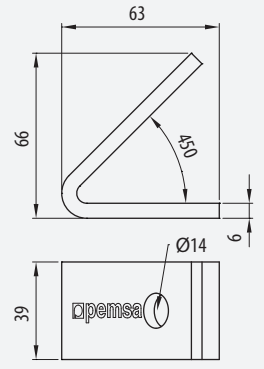
45° Internal Angle Bracket Nº 6



• 41x21 • 41x41

	Ref	kg/u	u
GC	67030209	0,151	1

ETIM: EC000482



RoHS

241 M06

Unión Escuadra Nº 7

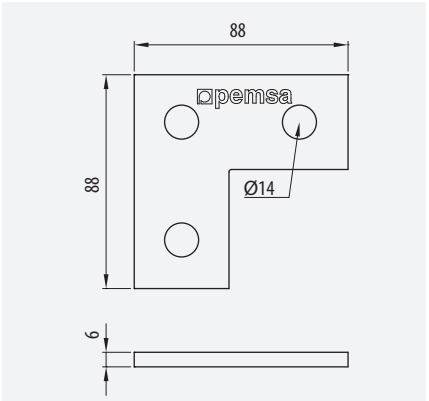
L Bracket Nº 7



• 41x21 • 41x41

	Ref	kg/u	
GC	67030211	0,291	1

ETIM: EC000482



241 M07

Unión T Nº 8

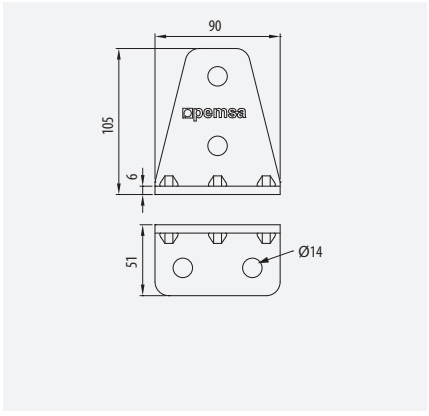
90° Tee Joint Nº 8



• 41x21 • 41x41 • 41x82

	Ref	kg/u	
GC	67030204	0,451	1

ETIM: EC000482



241 M08

Unión T Nº 9

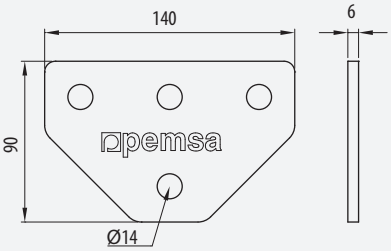
Flat Tee Joint Nº 9



• 41x21 • 41x41

	Ref	kg/u	
GC	67030203	0,311	1

ETIM: EC000482



241 M09

Unión Escuadra Triple Nº 10

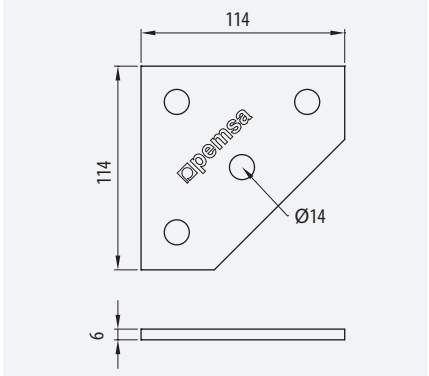
3 Way Bracket Nº 10



• 41x21 • 41x41

	Ref	kg/u	
GC	67030212	0,291	1

ETIM: EC000482



233 M10

Unión Escuadra Reforzada Nº 11

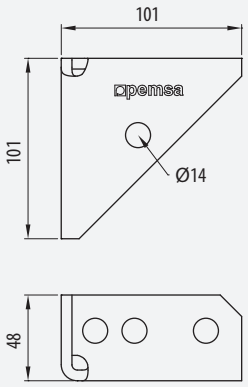
Reinforced Angle Bracket Nº 11



• 41x21 • 41x41 • 41x82

S	Ref	kg/u	u
GC	67030213	0,291	1

ETIM: EC000482



RoHS

241 M11

Unión U 41x41 Nº 12

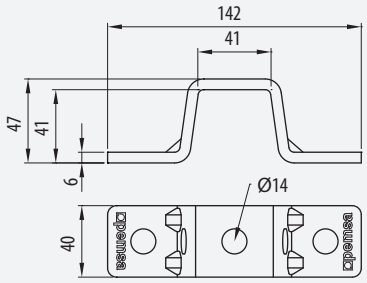
Clamp 41x41 Nº 12



• 41x21 • 41x41 • 41x82

S	Ref	kg/u	u
GC	67030207	0,336	1

ETIM: EC000482



RoHS

241 M12

Unión U 41x82 Nº 13

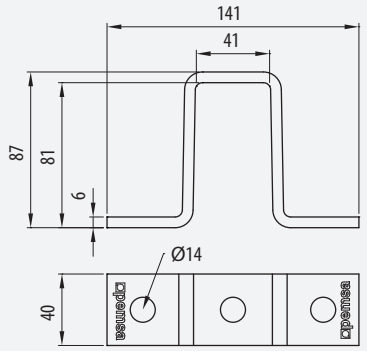
Clamp 41x82 Nº 13



41x82

S	Ref	kg/u	u
GC	67030208	0,151	1

ETIM: EC000482



RoHS

241 M13

Unión U 41x21 Nº 14

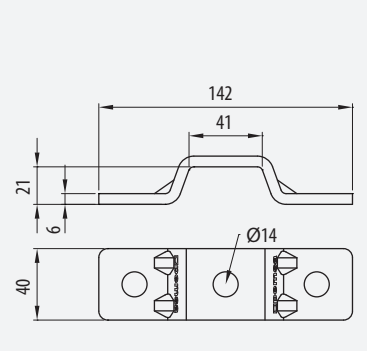
Clamp 41x21 Nº 14



41x21

S	Ref	kg/u	u
GC	67030206	0,284	1

ETIM: EC000482



RoHS

242 M14

Unión Escuadra Doble Nº 15

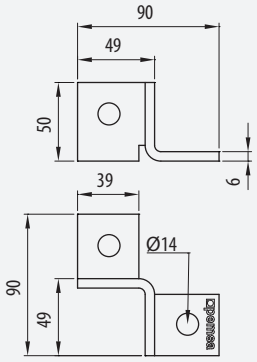
Double 90° Bracket Nº 15



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

ETIM: EC000482

242 M15



Unión Escuadra Lateral 90° Nº 16

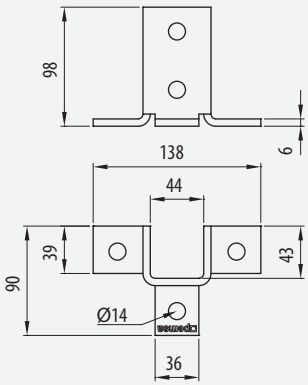
90° Tee Bracket Nº 16



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

ETIM: EC000482

242 M16



Placa Soporte Vertical 41x41

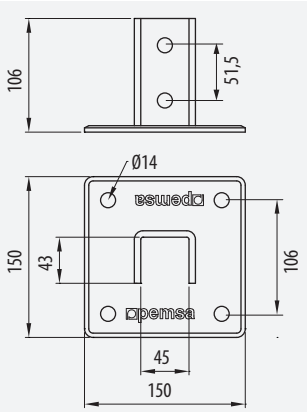
Channel Floor Boss 41x41



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

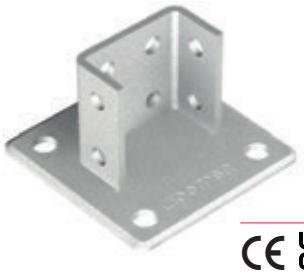
ETIM: EC000482

242 M17



Placa Soporte Vertical 41x82

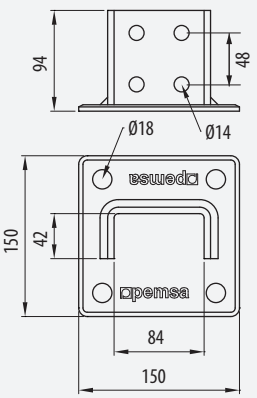
Channel Floor Boss 41x82



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

ETIM: EC000482

242 M18



Articulación

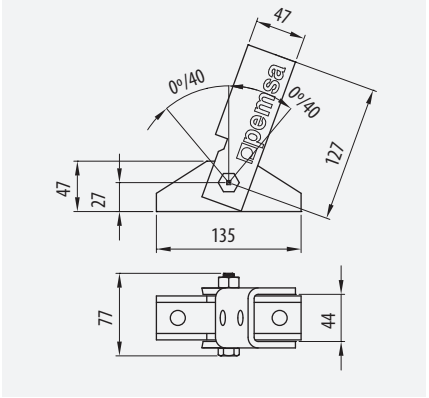
Adjustable Angle Bracket



• 41x21 • 41x41

	Ref	kg/u	u
GC	67030102	0,351	1

ETIM: EC000482



242 M19

Grapa Abarcón

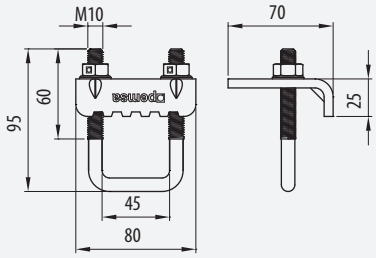
Channel Beam Clamp



• 41x21 • 41x41

	Ref	kg/u	u
GC	67030101	0,351	1

ETIM: EC000482



242 M20



SOLUTIONS

Túneles

Tunnels



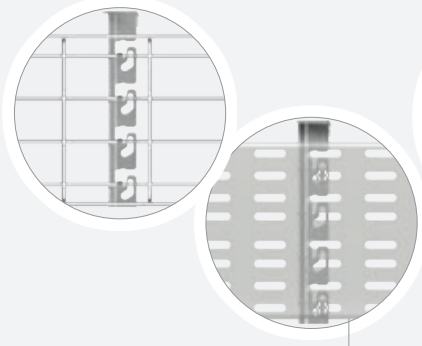
Soportes variables

Adjustable brackets

IDEA

RPLUS Soportes Reforzados

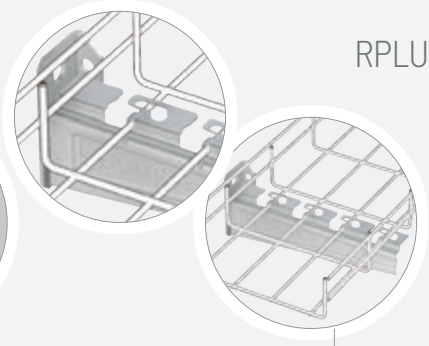
Heavy Duty Cantilever



Universal

Compatible para todas las bandejas

Compatible with all of the cable trays



Sistema Click. Sin fijaciones

Click System. No additional fixings



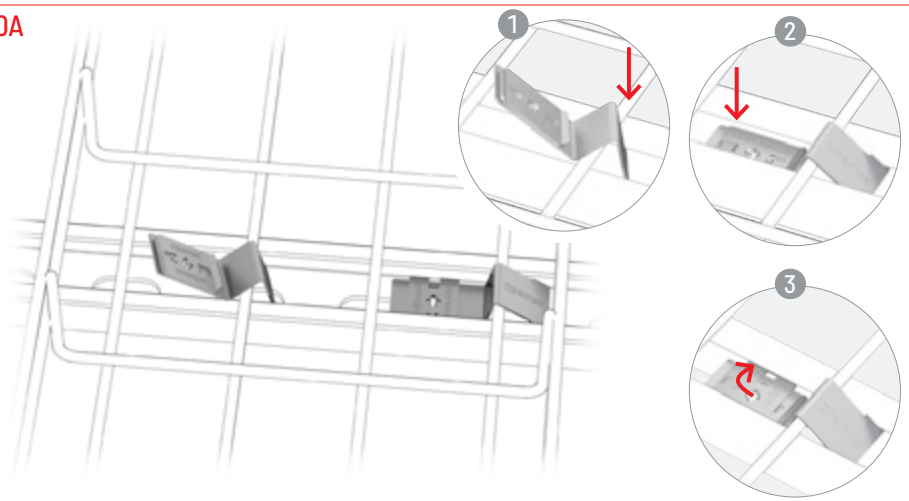
IEC 61537

E90 resistencia al fuego

208

support system

M0A



100 - 300	1
400 - 600	2

234

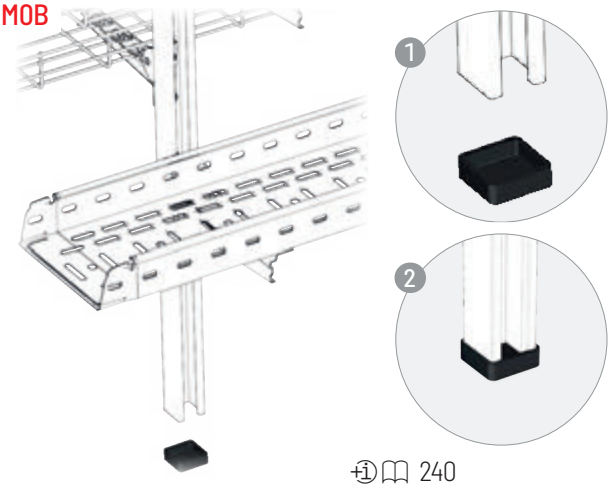
Montaje Rail 41x41 y 41x21

Assembly on strut 41x41 and 41x21

Compatible con cualquier modelo

Compatible with any brand

M0B



240

M01

M10x35	x4		253
	x4		232



234

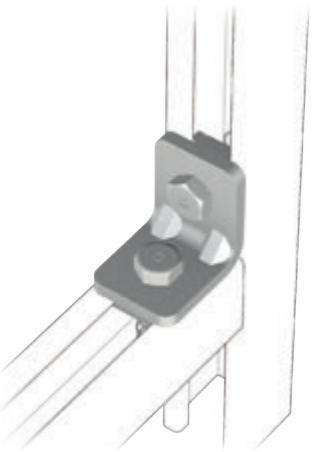
M02



M10x35	x2		253
	x2		232

240

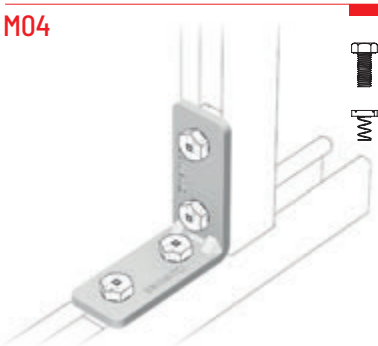
M03



M10x35	x2		253
	x2		232

240

M04



M10x35	x4		253
	x4		232

240

M05

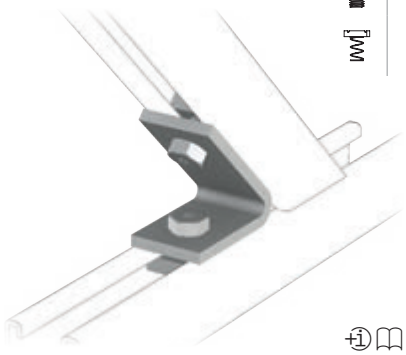


M10x35	x2		253
	x2		232

235

M06

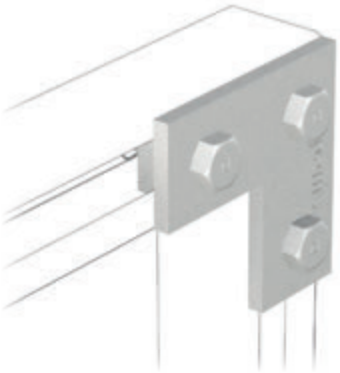
	M10x35	x2	253
		x2	232



235

M07

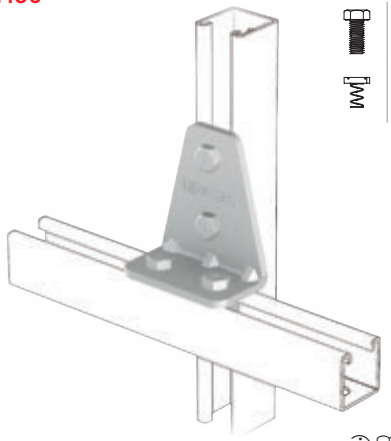
	M10x35	x3	253
		x3	232



236

M08

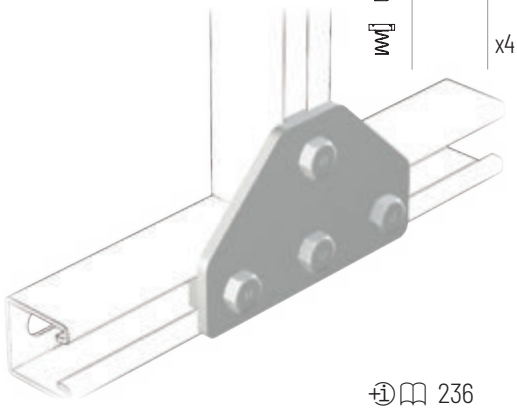
	M10x35	x4	253
		x4	232



236

M09

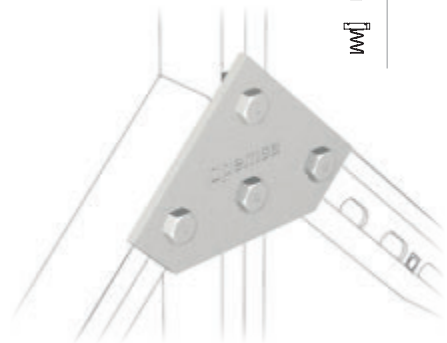
	M10x35	x4	253
		x4	232



236

M10

	M10x35	x4	253
		x4	232



236

M11

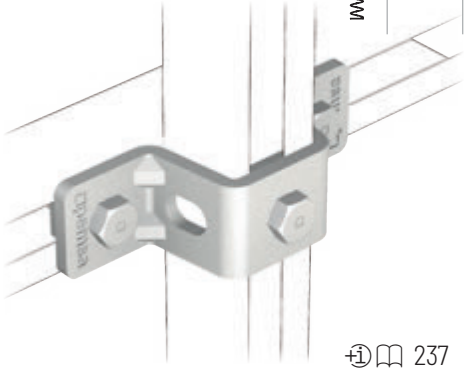
	M10x35	x4	253
		x4	232



237

M12

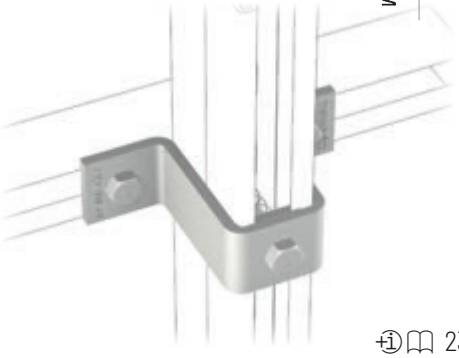
	M10x35	x3	253
		x3	232



237

M13

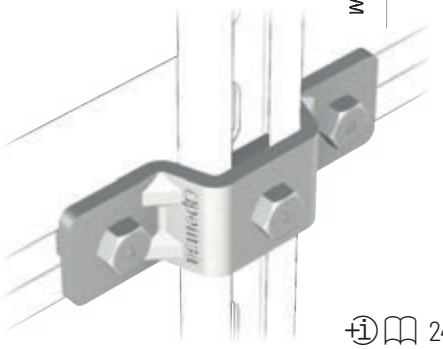
	M10x35	x3	253
		x3	232



237

M14

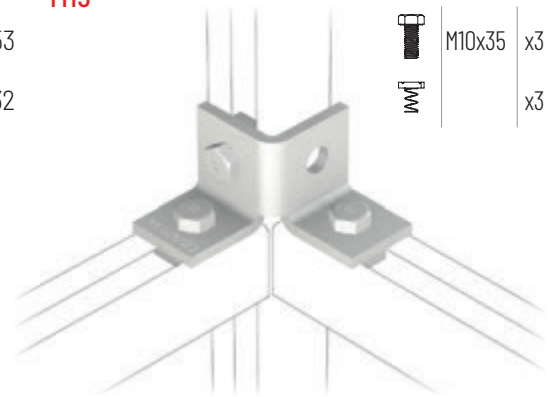
M10x35 x3 253
x3 232



242

M15

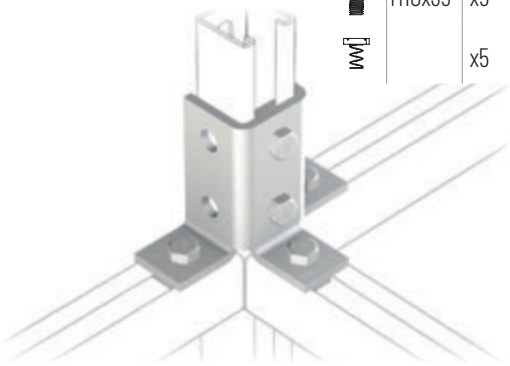
M10x35 x3 253
x3 232



242

M16

M10x35 x5 253
x5 232



238

M17

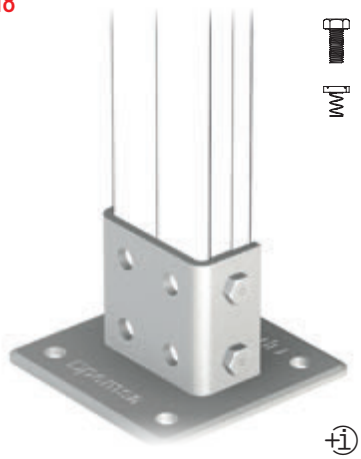
M10x35 x2 253
x2 232



238

M18

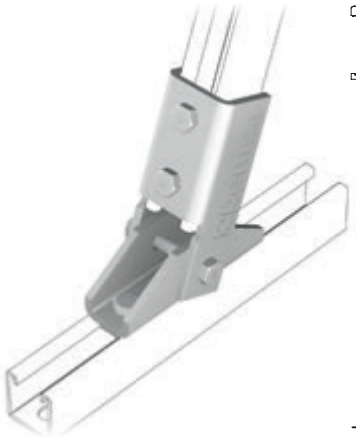
M10x35 x4 253
x4 232



242

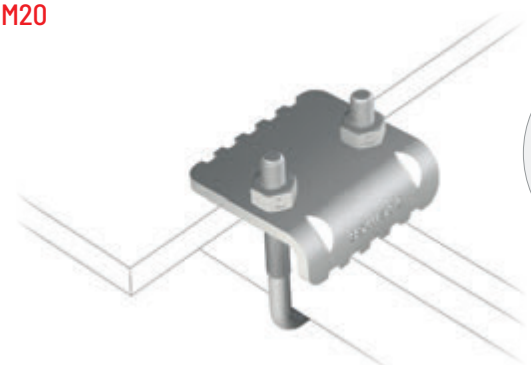
M19

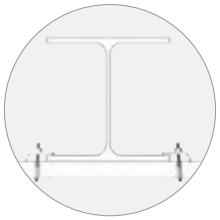
M10x35 x4 253
x4 232

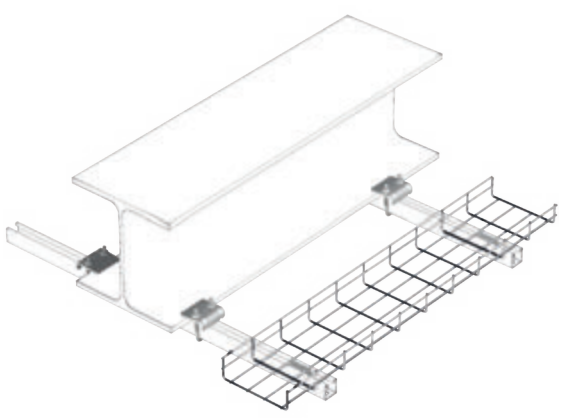


242

M20







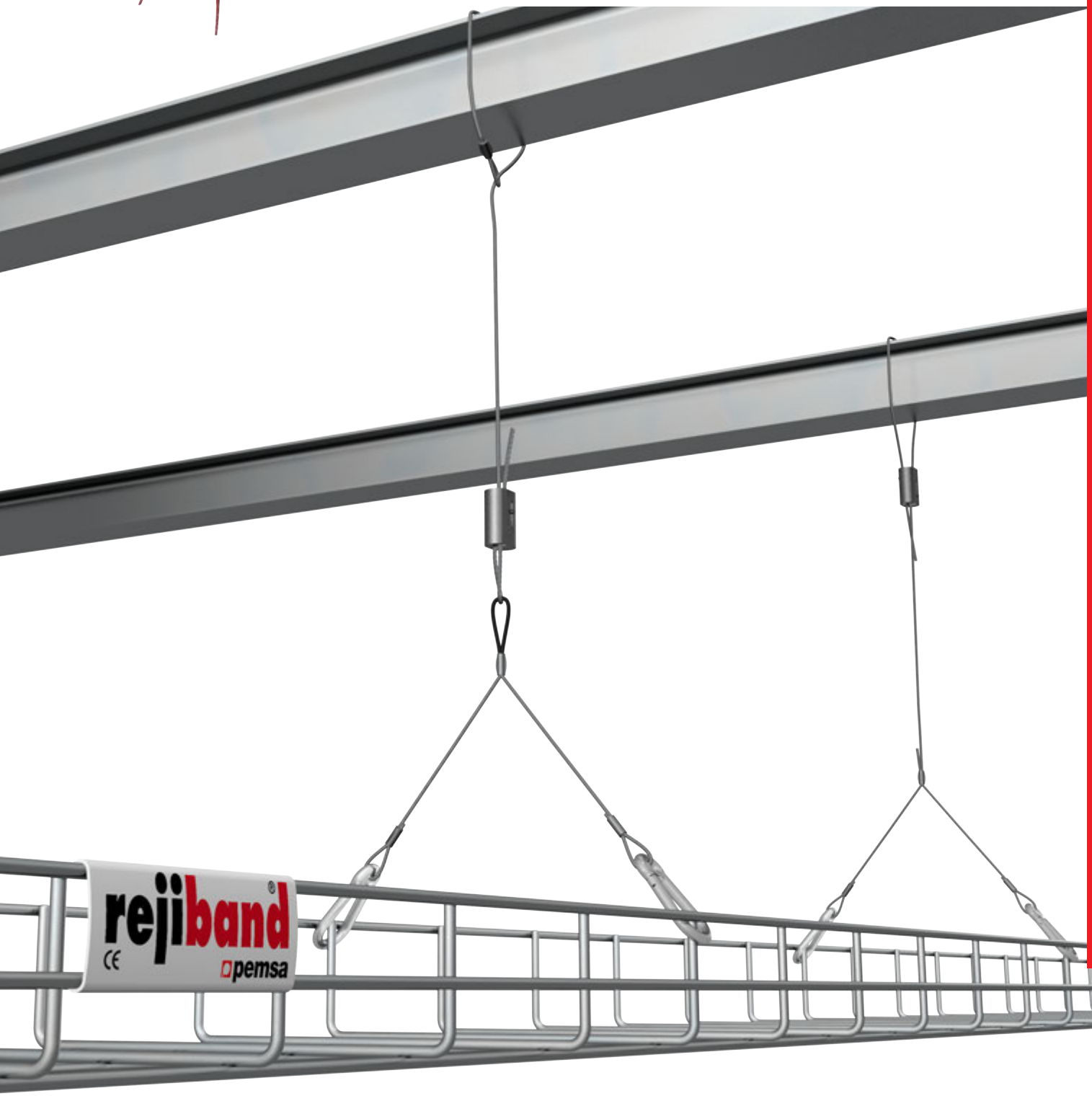
242



spiderband®

Sistema de Suspensión por Cable

Wire Rope Suspension System

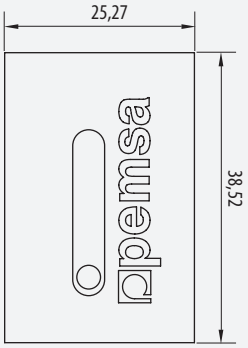


Block
Block



S	CTA (kg)	Ref	kg/u	u
AL	10	62301100	0,009	10
	50	62301400	0,022	10
	120	62301800	0,051	10

ETIM: EC000482



Cable
Cable



S	L (mm)	M	CTA (kg)	Ref	kg/u	u
EZ	200		10	62302102	1,400	1
	100		50	62302401	1,800	1
	100		120	62302801	3,800	1

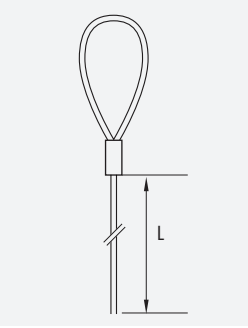
ETIM: EC001003

Lazo + Block
Loop + Block



S	L (mm)	M	CTA (kg)	Ref	kg/u	u
EZ	1		10	62303101	0,018	10
	1		45	62303301	0,043	10
	1		90	62303601	0,093	10
	3		10	62303103	0,032	10
	3		45	62303303	0,079	10
	3		90	62303603	0,017	10
	5		10	62303105	0,046	10
	5		45	62303305	0,115	10
	5		90	62303605	0,245	10

ETIM: EC001003

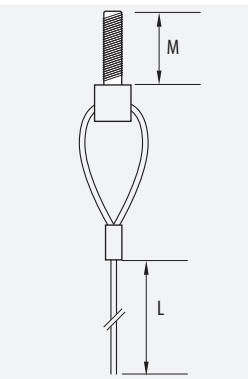


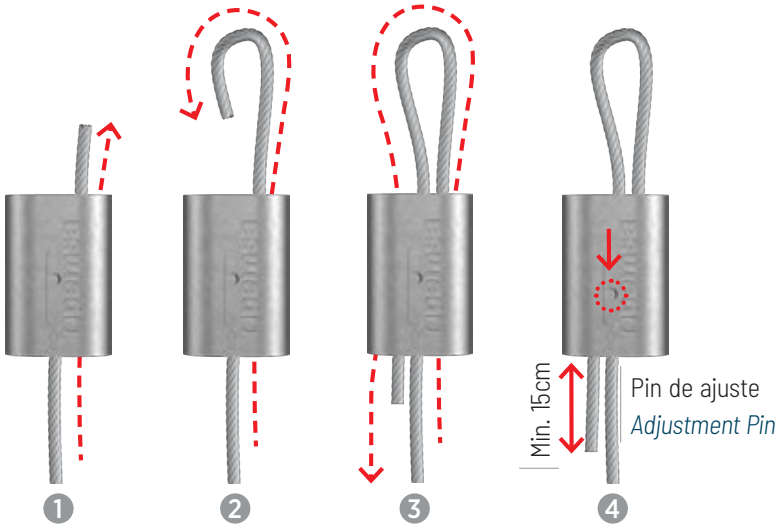
Fijación + Block
Fixing + Block



S	L (mm)	M	CTA (kg)	Ref	kg/u	u
EZ	1	M6x20	10	62304101	0,040	10
	1	M8x20	45	62304301	0,067	10
	1	M8x20	90	62304601	0,116	10
	3	M6x20	10	62304103	0,058	10
	3	M8x20	45	62304303	0,103	10
	3	M8x20	90	62304603	0,193	10
	5	M6x20	10	62304105	0,068	10
	5	M8x20	45	62304305	0,139	10
	5	M8x20	90	62304605	0,269	5

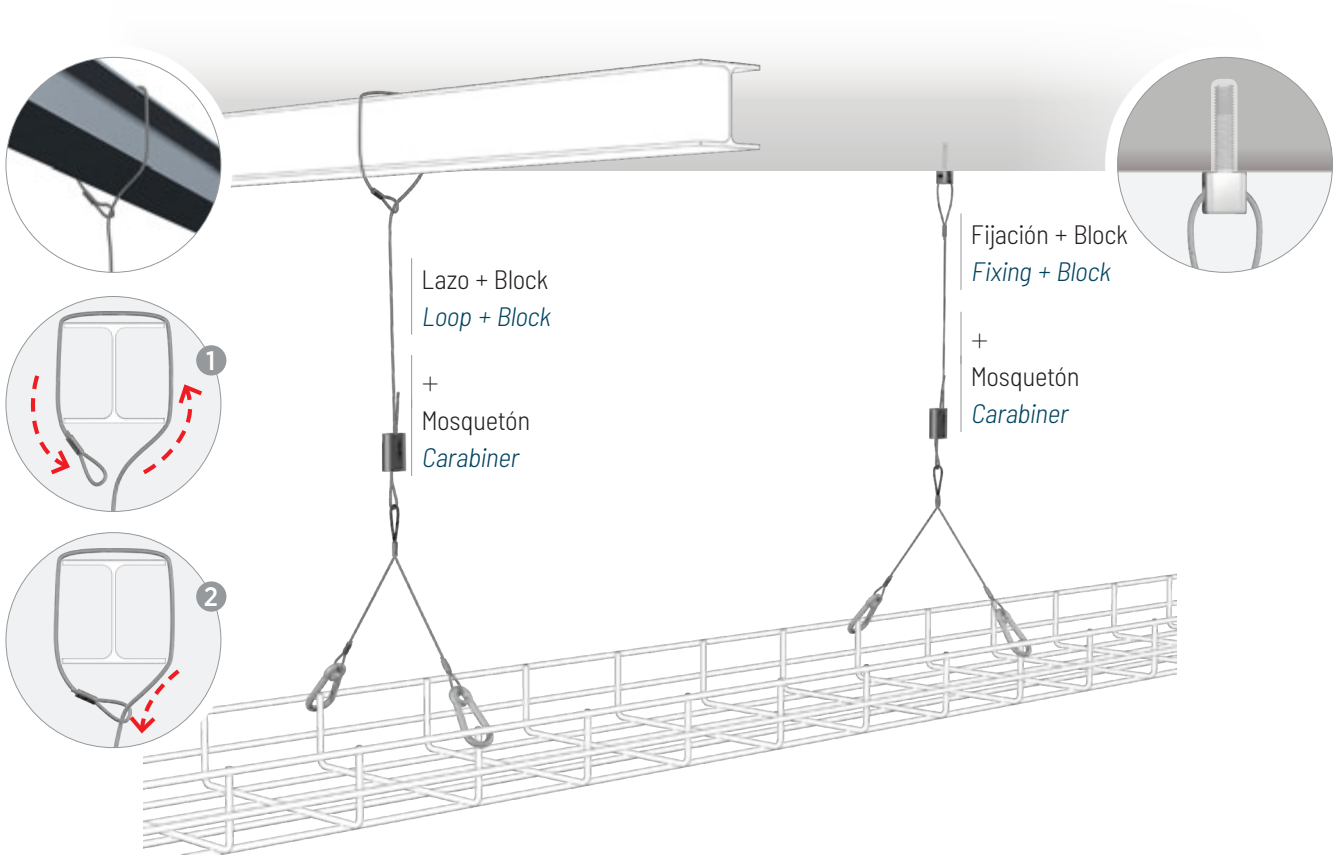
ETIM: EC001003







Block	CTA / SWL 5:1 SF	
62301100	0-10 kg	Los cables son todos conformes con: UNE-EN 12385. *The above cables are all in accordance with: EN 12385.*
62301400	12-50 kg	
62301800	12-120 kg	



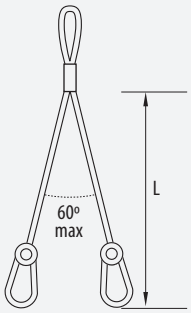
Mosquetón rejiband®

Carabiner rejiband®



S	$L_{(mm)}$	CTA (kg)	Ref	kg/u	u
EZ	300	50	62305430	0,048	10
	460	50	62305440	0,054	10

ETIM: EC001003



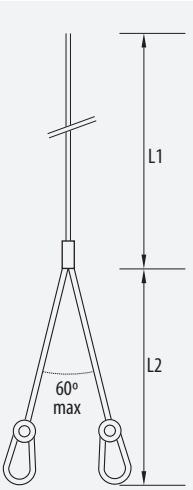
Kit Mosquetón rejiband®

Carabiner Kit rejiband®



S	$L_{1(m)}$	$L_{2(mm)}$	CTA (kg)	Ref	kg/u	u
EZ	1	300	35	62307231	0,058	10
	1	300	90	62307631	0,119	10
	3	300	35	62307233	0,094	10
	3	300	90	62307633	0,195	10
	1	460	35	62307241	0,058	10
	1	460	90	62307641	0,119	10
	3	460	35	62307243	0,094	10
	3	460	90	62307643	0,195	10

ETIM: EC001003



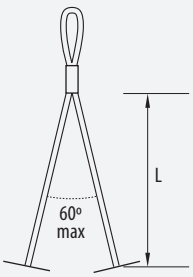
Suspensión Bandeja Chapa

Cable Tray Suspension



S	$L_{(mm)}$	CTA (kg)	Ref	kg/u	u
EZ	300	35	62306230	0,022	10
	460	35	62306240	0,028	10
	500	35	62306250	0,030	10

ETIM: EC001003



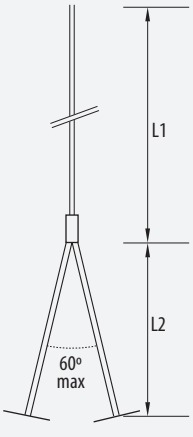
Kit Suspensión Bandeja Chapa

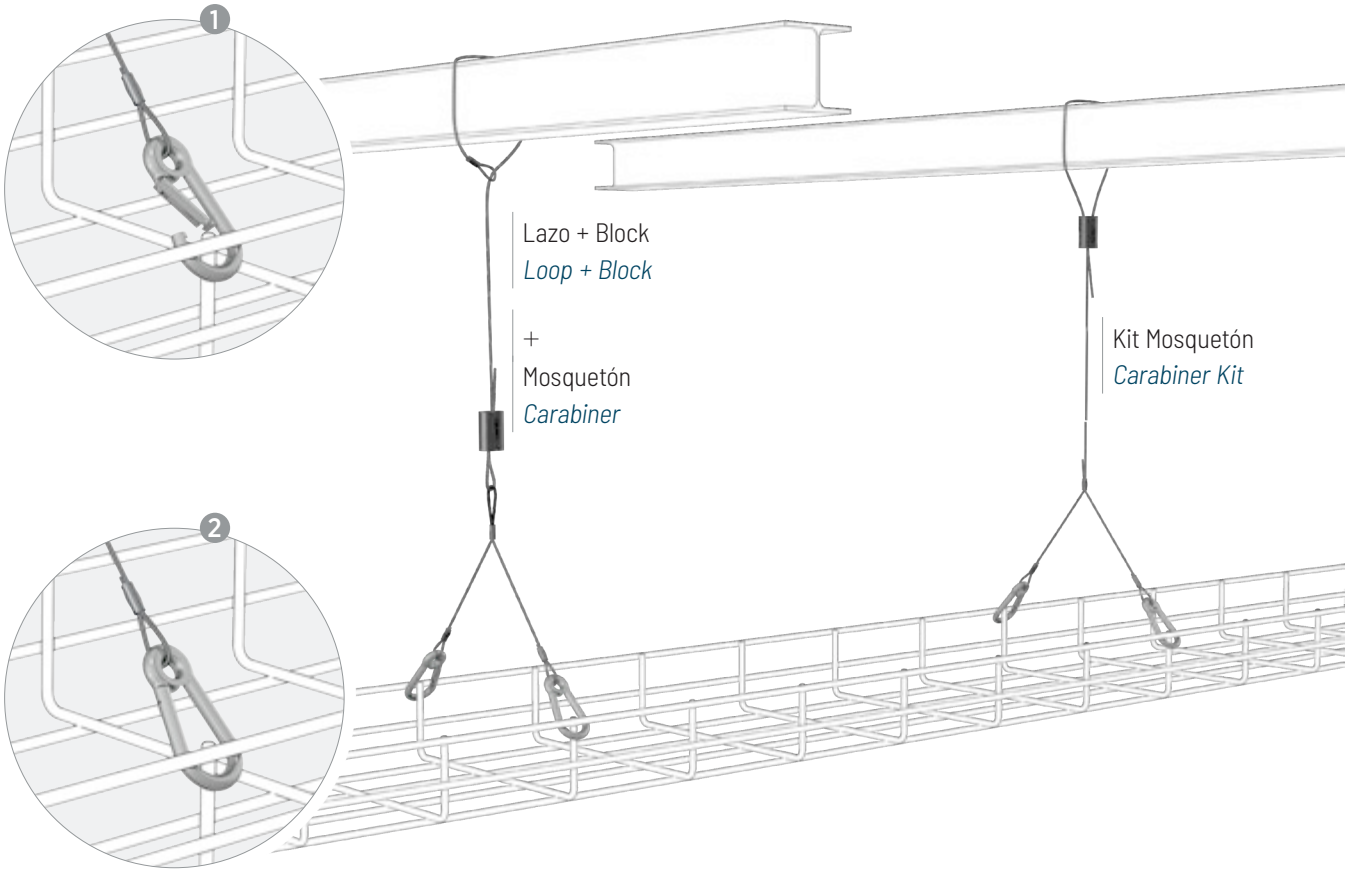
Cable Tray Suspension Kit

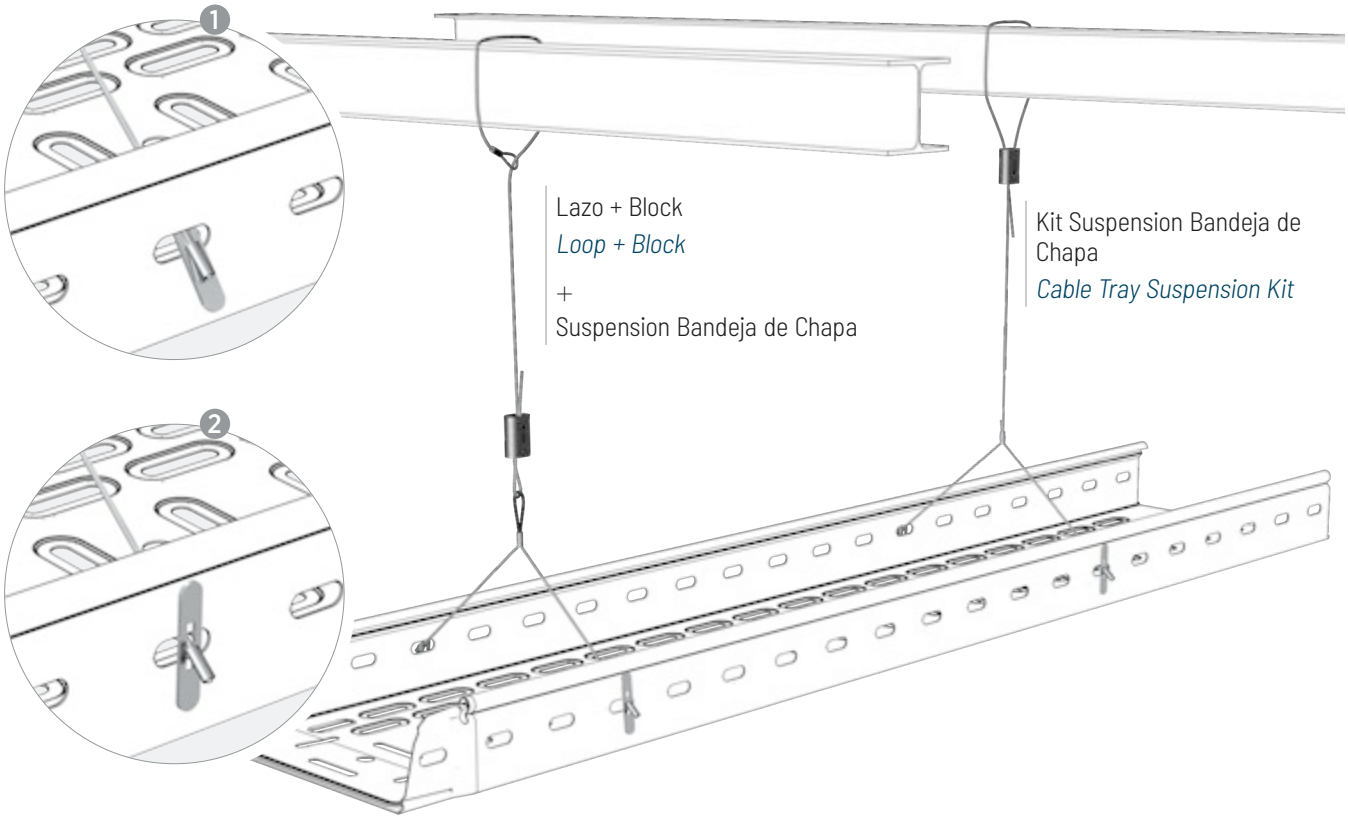


S	$L_{1(m)}$	$L_{2(mm)}$	CTA (kg)	Ref	kg/u	u
EZ	1	300	35	62308231	0,046	10
	1	300	90	62308631	0,097	10
	3	300	35	62308233	0,082	10
	3	300	90	62308633	0,173	10
	1	460	35	62308241	0,046	10
	1	460	90	62308641	0,097	10
	3	460	35	62308243	0,082	10
	3	460	90	62308643	0,173	10

ETIM: EC001003

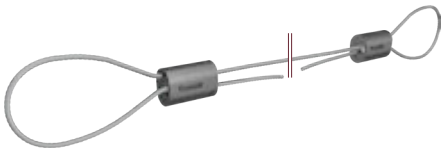



1
2
Lazo + Block
Loop + Block
+
Mosquetón
Carabiner
Kit Mosquetón
Carabiner Kit


1
2
Lazo + Block
Loop + Block
+
Suspension Bandeja de Chapa
Kit Suspension Bandeja de Chapa
Cable Tray Suspension Kit

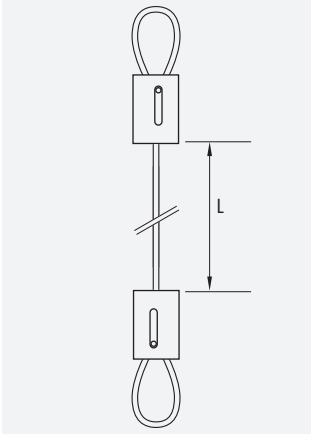
Kit Block Horizontal

Horizontal Block Kit



S	L(mm)	CTA(kg)	Ref	kg/u	u
EZ	5	75	62309501	0,624	5
	10	75	62309502	0,964	2
	15	75	62309503	1,304	2

ETIM: EC001003



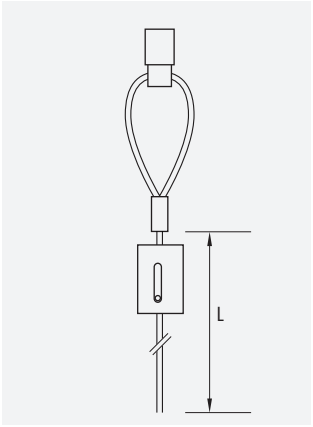
Block Vertical

Vertical Block



S	L(mm)	CTA(kg)	Ref	kg/u	u
EZ	1	35	62310201	0,074	10

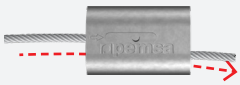
ETIM: EC001003



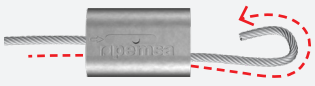
Block50 - Block100 - Block120

El elemento autoblocante para el sistema de soportación por cable Spiderband / *Self locking Cable Joiner Block*

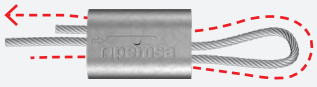
Instrucciones de Montaje y Recomendaciones / *Assembly Instructions and Warnings*



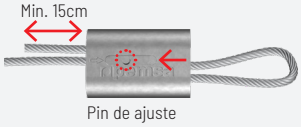
1. Inserte el cable en el Block en el sentido de la flecha marcada (el Pin se desplazará)
   Pull adjustment Pin back and pass wire through Block



2. Haga un lazo e inserte de nuevo el cable en el Block en el sentido opuesto (el Pin del otro lado se desplazará)
   Loop wire through anchor



3. Tire del extremo y deje una longitud mínima de 15 cm de cable para posibles ajustes
   Pull adjustment Pin back and pass wire back through Block



4. Compruebe siempre el ajuste del Block con el cable antes de aplicar la carga
   (Hágalo tirando del cable en la dirección opuesta a la flecha y presionando el Pin en la misma dirección si es necesario)
   Always confirm engagement of Block on wire before applying load
   (This is best accomplished by pushing the adjustment Pin in the opposite direction of the arrows on the Block and then pulling the cable also in the opposite direction of the arrows on the Block)

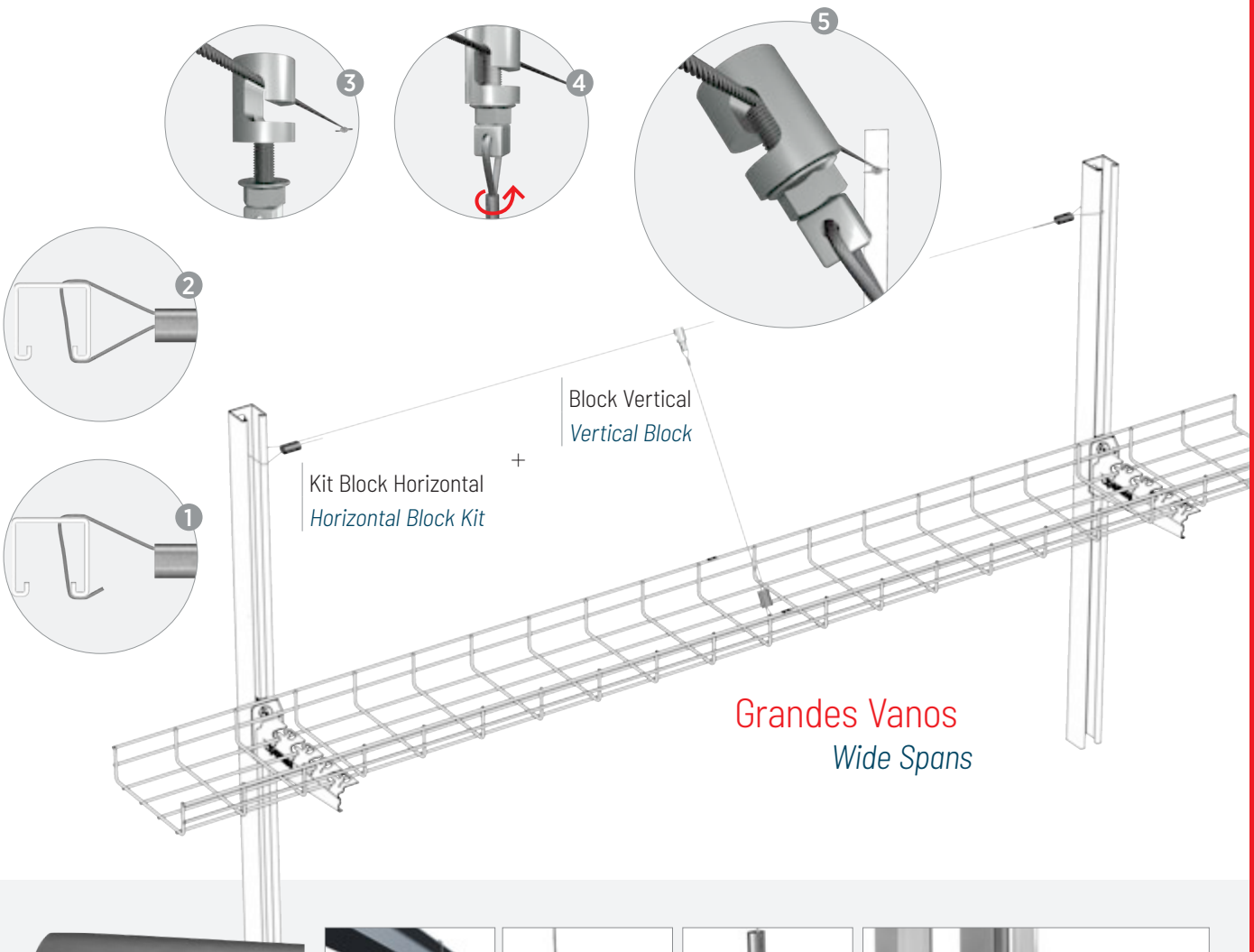


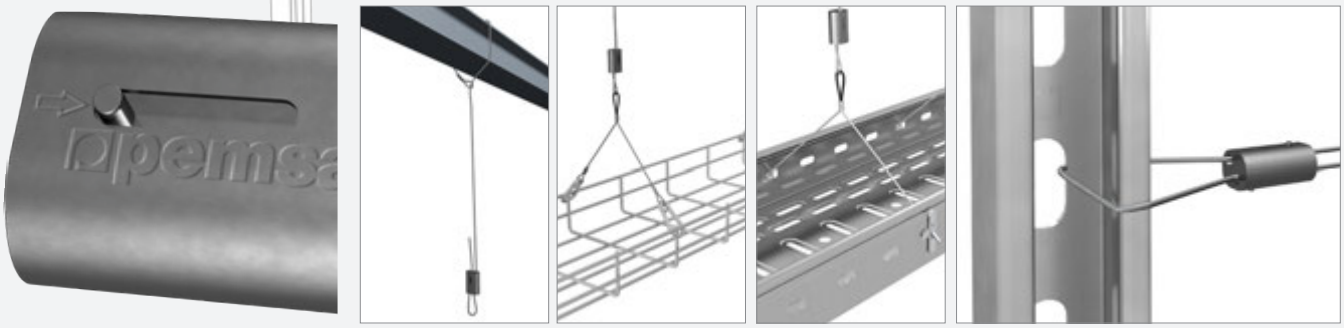
Para ajustar la longitud del cable desenganche primero la carga y tire después ligeramente del cable en el sentido de la flecha para desbloquearlo (puede actuar sobre el Pin si es necesario). Repita finalmente el paso 4 antes de aplicar la carga

To adjust, take the load off and pull the tail slightly to disengage teeth, then release using adjustment Pin

El producto se servirá con las características técnicas descritas por PEMSA y con las indicaciones, recomendaciones e instrucciones que se suministran con el producto para su utilización. PEMSA no acepta ni asume ninguna responsabilidad por el inadecuado o mal uso en la utilización y/o montaje de este producto. De igual modo PEMSA no tendrá ni asumirá ninguna responsabilidad, expresa o implícita, ni será en ningún caso responsable por daños directos o indirectos, específicos o consecuentes derivados de una utilización inadecuada, indebida o no prevista en las indicaciones e instrucciones suministradas, así como tampoco en los casos de una pérdida de utilidad del producto.

The products are provided on an "as is" basis; there shall be no express or implied warranty, including without limitation, warranty of merchantability or fitness for a particular purpose. Supplier shall not under any circumstances, be liable for indirect, special or consequential damages or lost profits.





Recomendaciones / *Recommendations*

- No usar para cargas fuera del rango definido para el producto
- No exceder la Carga de trabajo Admisible del producto
- No usar sobre un cable de acero con recubrimiento
- No aplicar pintura o cualquier otro recubrimiento
- No aplicar lubricantes
- No usar para soportar cargas dinámicas o en movimiento
- Mantener el producto limpio y libre de suciedad
- Eliminar cualquier extremo dañado del cable antes de introducir el cable en el Block
- No usar en atmósferas con presencia de Cloro
- Uso recomendado en ambientes secos y de interior

- *Do not use for loads outside the stated range of the product*
- *Do not exceed the safe working load of the product*
- *Do not use on coated wire rope*
- *Do not apply paint or other coating*
- *Do not apply lubricant*
- *Do not use for lifting or dynamic loads*
- *Keep the product clean and free from dirt*
- *Remove damaged cable end prior to inserting into Block*
- *Do not use in chlorinated atmospheres*
- *Recommended for use in dry, indoor applications*

No superar las cargas máximas de trabajo establecidas / *Do not exceed the safe working load stated*

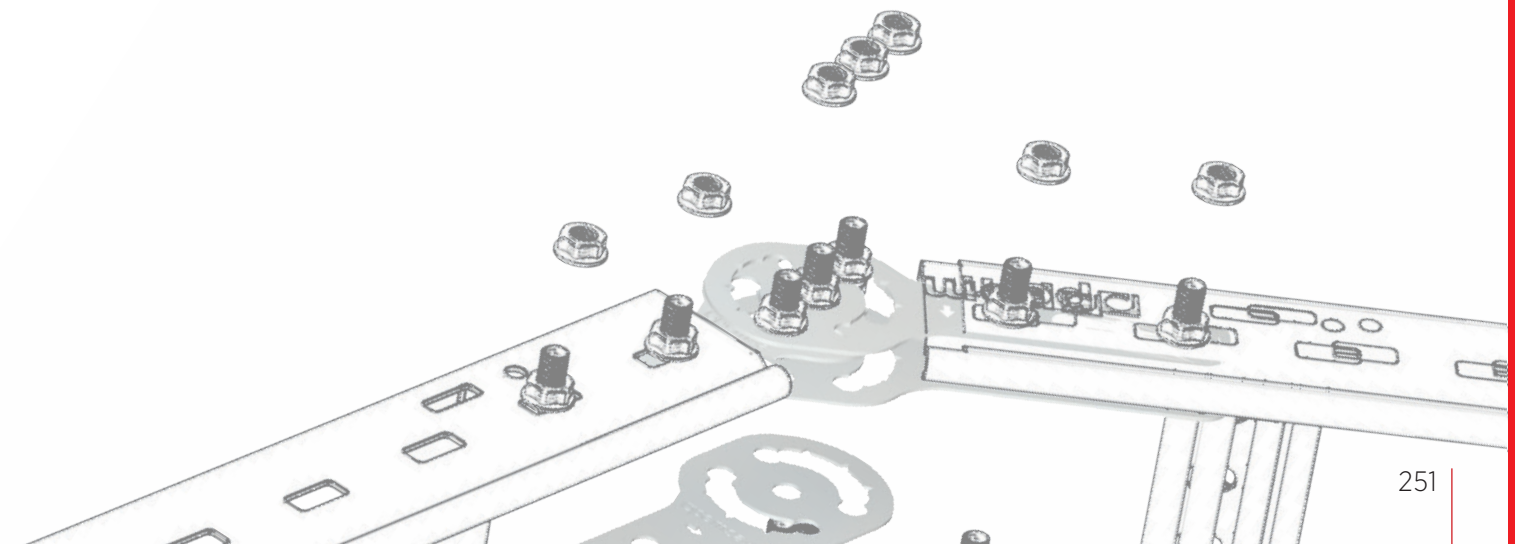
Tornillería / Fixings

Gama de elementos de conexión para Sistemas de Bandejas

Range of fixings for Cable Tray Systems







Kit Unión **pemsaband®**

pemsaband® *Joint Kit*



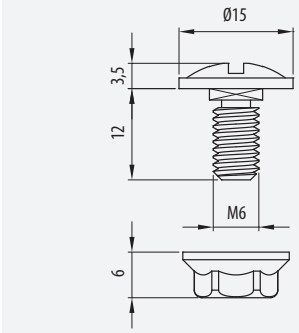


RoHS III

• 35-60-100 • 60-600

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

ETIM: EC002935



Tornillo C/DIN603

Shoulder Screw M6X12



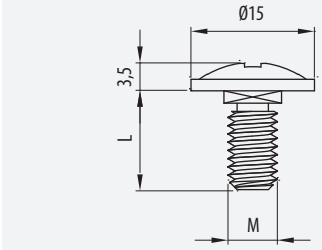


RoHS III

• 35-60-100 • 60-600

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

ETIM: EC000887



Tuerca Arandela

Serrated Hexagon Flange Nut



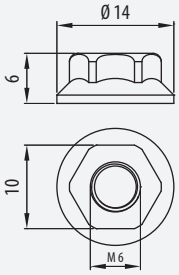


RoHS III

• 35-60-100 • 60-600

S	M	Ref	kg/u	u
EZ	M6	64010059	0,003	50
GC	M6	64030059	0,003	50
316L	M6	64060059	0,003	50
C8	M6	64080059	0,003	50

ETIM: EC000129



Kit Unión **megaband**®

megaband® *Joint Kit*



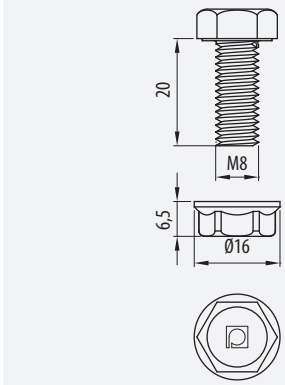
60-100-120 • 100-1000

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

60-100-120 • 100-1000

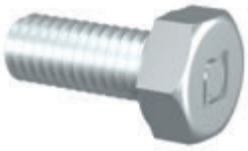
S	M	Ref	Ref	u
EZ	M8x20+M8	67010065	67020095	100
316L	M8x20+M8	67060065	67060062	100

ETIM: EC002935



Tornillo C/Hexagonal

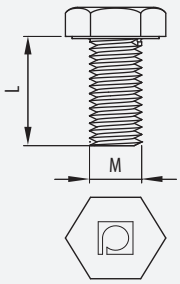
Hexagonal Set Screw



60-100-120 • 100-1000

S	M	Ref	kg/u	u
EZ	M8x20	67010065	0,014	100
	M8x35	67010066	0,020	100
	M8x15	67010068	0,013	100
	M10x60	67020010	0,042	100
	M6x15	67020054	0,008	100
	M10x20	67020059	0,023	100
	M10x35	67020077	0,029	100
	M8x65	67020092	0,040	100
GC	M10x60	67030010	0,042	100
	M10x20	67030059	0,023	100
	M8x20	67030065	0,014	100
	M8x35	67030066	0,020	100
	M8x15	67030068	0,007	100
	M10x35	67030077	0,029	100
	M8x65	67030092	0,040	100
316L	M10x60	67060010	0,042	100
	M10x20	67060059	0,023	100
	M8x20	67060065	0,014	100
	M8x35	67060066	0,020	100
	M10x35	67060077	0,029	100

ETIM: EC002380



Tuerca Hexagonal

Hexagonal Nut



60-100-120 • 100-1000

S	M	Ref	kg/u	u
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

ETIM: EC000129

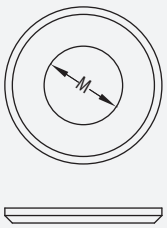


Arandela Plana
Washer



S	M	Ref	kg/u	u
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

ETIM: EC000098





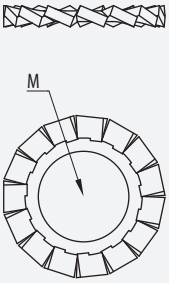
Arandela Estrella
Serrated Washer



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

ETIM: EC000098





pemsa

02

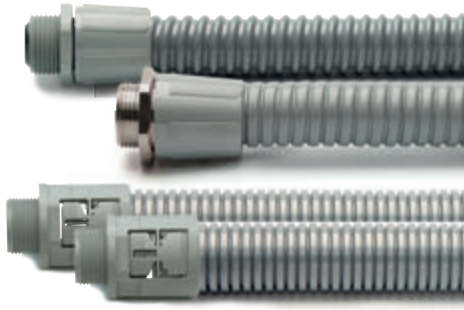
Sistemas de Tubos, Racores y Prensaestopas

Conduit, Connectors and Cable Gland Systems



Sistema de Tubos Pemsa.
Guía de selección

Pemsa Conduit System.
Selection guide



	Sistemas de tubos plásticos/*Pemsa Plastic 7035 System*					Sistemas de tubos metálicos/*Pemsa Metal Rigid*			
Denominación *Designation* Tubo *Conduit*	RLH	RPVC	TM-PVC 7035	CLH	TFA 7035	RL / RLGC	RR / RRGC	RAL	RINOX
									
Características / *Features*									
S	LH	PVC	PG			EZ GC	EZ GC	Aluminio/ Aluminium	I304
M	PVC+ABS	PVC	PG+PVC	PP	PVC	AC	AC	AL	304
DN/NW min.	DN16	DN16	DN7	DN16	DN7	DN16	DN16	DN16	DN20
DN /NW max.	DN63	DN63	DN48	DN63	DN48	DN63	DN63	DN63	DN50
min.	-15ºC	-15ºC	-5ºC	-15ºC	-5ºC	-45ºC	-45ºC	-45ºC	-45ºC
max.	+90ºC	+60ºC	+60ºC	+90ºC	+60ºC	+400ºC	+400ºC	+250ºC	+250ºC
UV	Alta / *High*					Muy Alta / *Very High*			
Flex	Rígido / *Rigid*			Media / *Medium*		Rígido / *Rigid*			
HF	0k EN 50642			0k EN 50642		OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK	OK	OK
IP	IP44 / IP65	IP44 / IP65	IP54	IP54	IP44 / IP65	IP54	IP54	IP54	IP54
IEC 61386	44321	44311	44214	23323	24214	55771	55771	44561	44561
Homologaciones / *Approvals*									
IEC 61386	CE IEC 61386 RoHS UK CA	CE IEC 61386 RoHS	CE IEC 61386 RoHS	CE IEC 61386 RoHS	CE IEC 61386 RoHS	AENOR CE IEC 61386 RoHS	AENOR CE IEC 61386 RoHS	CE IEC 61386 RoHS	CE IEC 61386 RoHS
Aplicaciones / *Applications*									
Tertiary	●	●	●	●	●	●	●	●	●
Tunnels	●	●	●	●	●	●	●	●	●
Data Center	●	●	●			●	●	●	●
Photovoltaic/ Energy	●	●		●	●				
Food Industry	●	●							●
Petrochemical Industry	●	●				●	●	●	●
Railway app.			●	●	●				
	260	263	281	265	265	270 / 274	270 / 274	276	278



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Sistema de Tubos Pemsa. Guía de selección

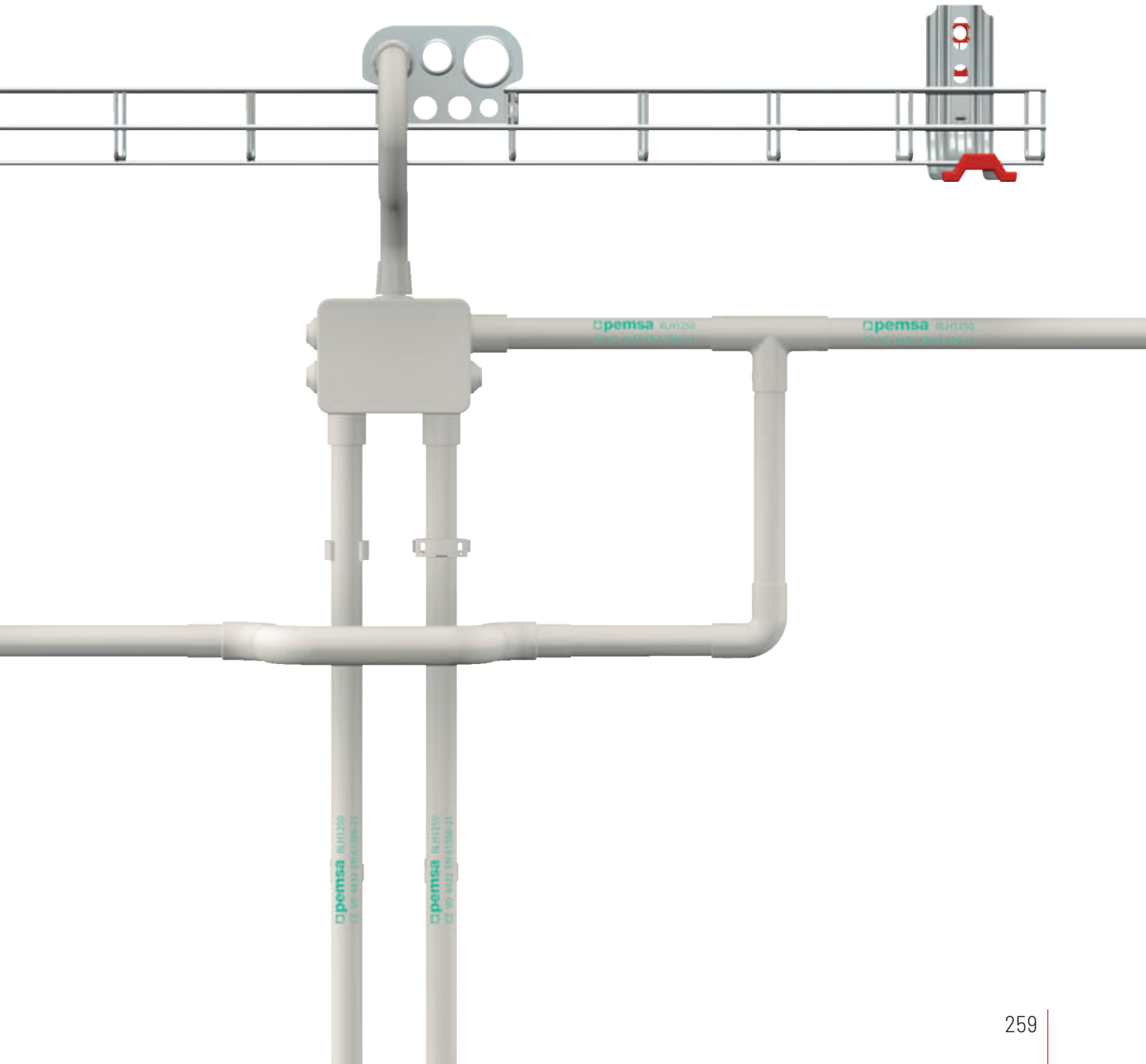
Pemsa Conduit System. Selection guide

Pemsa Flexible Metal & Plastic				Pemsaflex /Polyamide System					
TFA	TM	TM-PVC	ECOFLEX	LG-PA	ST-PA	RB-PA	RB-PU	MACRO FLEX	Denominación *Designation* Tubo *Conduit*
									
Características / *Features*									
PVC	PG	PG	PG	Poliamida/ *Polyamide*/ PA6	Poliamida/ *Polyamide*/ PA6	Poliamida/ *Polyamide*/ PA12	Poliuretano/ *Polyurethane*/ PU	Poliamida/ *Polyamide*/ PA6	
PG+PVC	AC	AC+PVC	PVC	PA6	PA6	PA12	PU	PA6	
07	07	07	07	07	07	07	17	52	DN/NW min.
48	48	48	48	48	48	70	70	90	DN /SW max.
-5ºC	-45ºC	-5ºC	-5ºC	-40ºC	-40ºC	-50ºC	-50C	-40ºC	
+60ºC	+150ºC	+60ºC	+60ºC	+105ºC	+105ºC	+105ºC	+90ºC	+105ºC	
Media / *Medium*	Muy Alta / *Very High*	Media / *Medium*		Alta / *High*					
				Alta / *High*		Alta / *High*			Flex
	OK			Ok EN 50642	Ok EN 50642	OK	OK	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	
24214	44554	44214	3421	24234	24234	23444	13524	24234	
Homologaciones / *Approvals*									
CE IEC 61386 RoHS	CE IEC 61386 RoHS	CE IEC 61386 RoHS UKCA	CE IEC 61386 RoHS	CE IEC 61386 RoHS ULfi	CE IEC 61386 RoHS ULfi	CE IEC 61386 RoHS DB	CE IEC 61386 RoHS DB	CE IEC 61386 RoHS DB NF	
Aplicaciones / *Applications*									
●	●	●	●	●	●			●	Tertiary
●	●	●	●	●	●				Tunnels
		●	●	●	●	●	●	●	Data Center
●				●	●	●	●	●	Photovoltaic/ Energy
									Food Industry
		●	●	●	●			●	Petrochemical Industry
●	●	●	●	●	●	●	●	●	Railway app.
225	280	281	281	288	288	289	289	289	

Plastic 7035

Tubos rígidos y flexibles plásticos color RAL 7035

Rigid and flexible conduits RAL 7035 colour



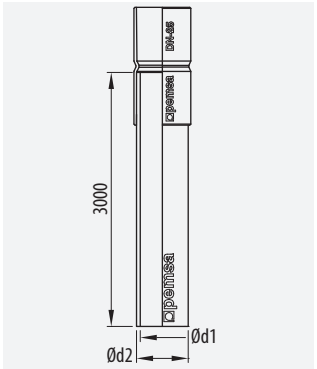
Tubo RLH1250 Libre de Halógenos

RLH1250 Halogen Free Conduit



DN	Ød1	Ød2	RAL 7035	kg/m	6m
DN16	12,8	16	13005116	0,091	57
DN20	16,6	20	13005120	0,124	57
DN25	21,6	25	13005125	0,166	57
DN32	28,0	32	13005132	0,240	30
DN40	35,2	40	13005140	0,358	30
DN50	45,2	50	13005150	0,470	15
DN63	58,0	63	13005163	0,598	15

M	IEC 61386			±°C	IP
PC+ABS	44321	4 (1250N)	4 (6J)	3(-15º)/ 2 (+90º)	44



Bajo pedido / *On request*

ETIM: EC001174

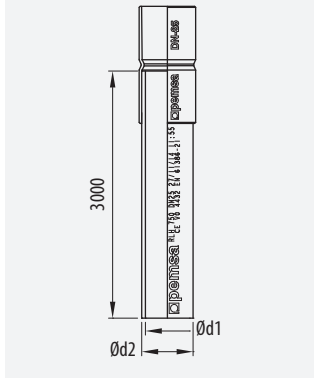
Tubo RLH750 Libre de Halógenos

RLH750 Halogen Free Conduit



DN	Ød1	Ød2	RAL 7035	kg/m	6m
DN16	13,3	16	13006116	0,079	57
DN20	17,2	20	13006120	0,102	57
DN25	22,2	25	13006125	0,133	57
DN32	29	32	13006132	0,177	30
DN40	36,6	40	13006140	0,252	30
DN50	46,4	50	13006150	0,351	15
DN63	58,6	63	13006163	0,446	15

M	IEC 61386			±°C	IP
PC+ABS	34321	3 (750N)	4 (6J)	3(-15º)/ 2 (+90º)	44



Bajo pedido, consultar disponibilidad

On request, check availability

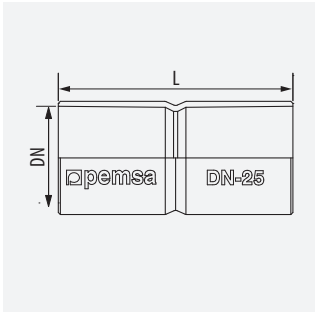
Manguito RLH

RLH Coupler



DN	L	RAL 7035	kg/u	u
DN16	39	55008016	0,006	19
DN20	47	55008020	0,009	19
DN25	57	55008025	0,011	19
DN32	67	55008032	0,018	10
DN40	71	55008040	0,024	10
DN50	91	55008050	0,030	5
DN63	107	55008063	0,038	5

M	±°C	IP	
PC+ABS	-15/+90º	44	OK



Bajo pedido, consultar disponibilidad

On request, check availability

ETIM: EC000937

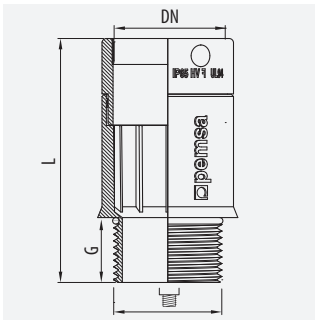
Racor a caja RLH IP65

Coupler Boxes RLH IP65



DN		L	G	RAL 7035	kg/u	u
DN16	M16	47,5	15	55044016	0,007	19
DN20	M20	51,5	15	55044020	0,009	19
DN25	M25	56,5	15	55044025	0,012	19
DN32	M32	61,5	15	55044032	0,015	10
DN40	M40	63,5	15	55044040	0,019	10
DN50	M50	73,5	15	55044050	0,026	5
DN63	M63	81,5	15	55044063	0,035	5

M	±°C	IP	
PC+ABS	-15/+90º	65	OK



ETIM: EC000937

Racor Caja RLH

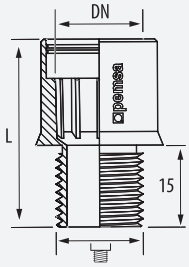
Coupler Boxes RLH



DN		RAL 7035	kg/u	
DN16	M16	55042016	0,003	100
DN20	M20	55042020	0,005	100
DN25	M25	55042025	0,007	100
DN32	M32	55042032	0,009	50
DN40	M40	55042040	0,012	50
DN50	M50	55042050	0,017	50
DN63	M63	55042063	0,024	50

	PC+ABS	-15/+90º	44	OK

ETIM: EC000937



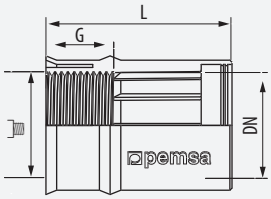
Racor Rosca interior RLH

Coupler Boxes RLH



DN		L	G	RAL 7035	kg/u	
DN16	M16	34,5	15	81000070	0,0052	20
DN20	M20	38,5	15	81000071	0,0068	20
DN25	M25	43,5	15	81000072	0,009	20
DN32	M32	48,5	15	81000073	0,0121	10
DN40	M40	50,5	15	81000074	0,0152	10
DN50	M50	60,5	15	81000075	0,0213	5
DN63	M63	68,5	15	81000076	0,0291	5

	PC+ABS	-15/+90º	44	OK



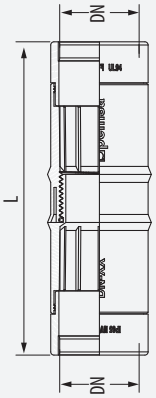
Kit Manguito Unión RLH IP65

RLH coupler Kit IP65



DN	L	RAL 7035	kg/u	
DN16	79.8	82003210	0.015	5
DN20	87.8	82003211	0.019	5
DN25	97.8	82003212	0.025	5
DN32	107.8	82003213	0.033	3
DN40	111.8	82003214	0.042	3
DN50	131.8	82003215	0.056	2
DN63	147.8	82003216	0.075	2

	PC+ABS	-15/+90º	65	OK



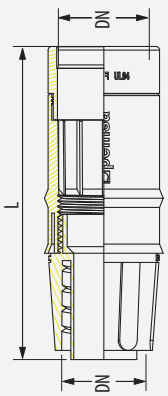
Kit Racor Mixto RLH IP65

RLH IP65 combined Coupler Kit



DN		L	RAL 7035	kg/u	
DN16	DN 9	69.9	82003200	0.012	5
DN20	DN11	79.9	82003201	0.017	5
DN20	DN13	77.9	82003202	0.017	5
DN25	DN16	85.4	82003203	0.024	5
DN32	DN21	95.4	82003204	0.033	3
DN40	DN29	104.4	82003205	0.046	3
DN50	DN36	118.9	82003206	0.063	2
DN63	DN48	132.4	82003207	0.090	2

	PC+ABS	-15/+90º	65	OK



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Curva 90° RLH

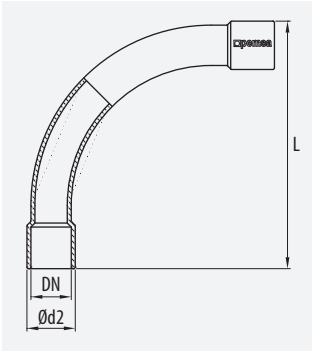
90° RLH Bend



DN	Ød2	L	RAL 7035	kg/u	u
DN16	19	70	55016016	0,009	25
DN20	23	90	55016020	0,013	25
DN25	29	120	55016025	0,023	25
DN32	36	150	55016032	0,044	10

	M	±	IP	
	PC+ABS	-15/+90⁰	44	OK

ETIM: EC001493



Derivación T RLH

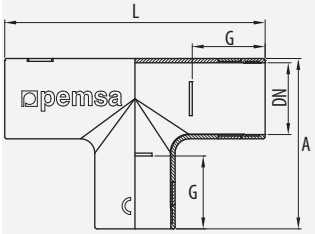
RLH Tee



DN	G	L	A	RAL 7035	kg/u	u
DN16	16,5	64	42	55082016	0,011	25
DN20	20,5	76	50	55082020	0,016	25
DN25	25,5	91	60	55082025	0,020	25
DN32	30,5	108	72	55082032	0,032	15

	M	±	IP	
	PC+ABS	-15/+90⁰	44	OK

ETIM: EC002922



Codo RLH 90°

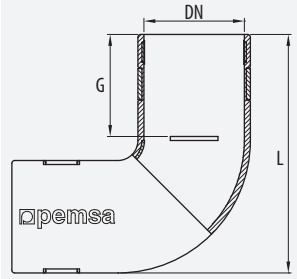
RLH 90° Bend



DN	G	L	RAL 7035	kg/u	u
DN16	16,5	42	55072016	0,009	25
DN20	20,5	50	55072020	0,013	25
DN25	25,5	60	55072025	0,023	25
DN32	30,5	72	55072032	0,044	15

	M	±	IP	
	PC+ABS	-15/+90⁰	44	OK

ETIM:55072016



Curva flexible FRLH

Flexible Bend FRLH



DN	Ød2	L	RAL 7035	kg/u	u
DN16	17	275	55090016	0,016	20
DN20	21,3	275	55090020	0,021	20
DN25	26,7	390	55090025	0,045	10
DN32	33,4	390	55090032	0,053	10

	M	±	IP	
	PP	-15/+90⁰	44	OK

ETIM: EC001493



Tubo RPVC1250

RPVC1250 Conduit

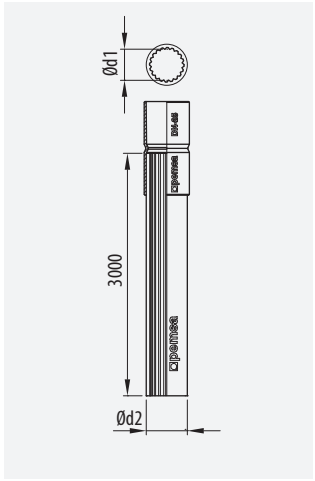


DN	Ød1	Ød2	RAL 7035	kg/m	6m
DN16	12,4	16	13050116	0,136	57
DN20	16,0	20	13050120	0,187	57
DN25	20,9	25	13050125	0,226	57
DN32	27,6	32	13050132	0,315	30
DN40	35,0	40	13050140	0,411	30
DN50	44,8	50	13050150	0,670	15
DN63	56,8	63	13050163	0,861	15

M	IEC 61386				IP	
PVC	44311	4 (1250N)	4 (6 J)	3 (-15)/ 1 (+60ºC)	44	OK

Bajo pedido / *On request*

ETIM: EC001174



Tubo RPVC750

RPVC750 Conduit

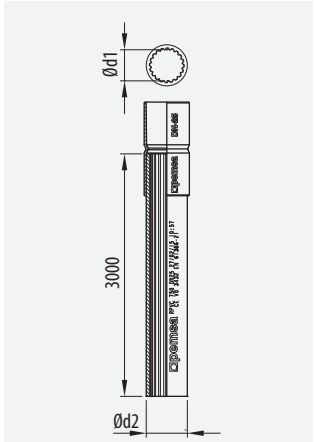


DN	Ød1	Ød2	RAL 7035	kg/m	6m
DN16	13,3	16	13060116	0,106	57
DN20	17,2	20	13060120	0,162	57
DN25	22,2	25	13060125	0,206	57
DN32	29	32	13060132	0,286	30
DN40	36,6	40	13060140	0,399	30
DN50	46,4	50	13060150	0,550	15
DN63	58,6	63	13060163	0,788	15

M	IEC 61386				IP	
PVC	33311	3 (750N)	3 (2J)	3 (-15)/ 1 (+60ºC)	44	OK

Bajo pedido, consultar disponibilidad
On request, check availability

ETIM: EC001174



Manguito RPVC

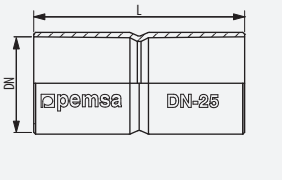
RPVC Box Coupler



DN	L	RAL 7035	kg/u	u
DN16	39	55009016	0,006	19
DN20	47	55009020	0,009	19
DN25	57	55009025	0,011	19
DN32	67	55009032	0,018	10
DN40	71	55009040	0,024	10
DN50	91	55009050	0,030	5
DN63	107	55009063	0,038	5

M		IP	
PVC	-5/+60º	44	OK

ETIM: EC000937



Racor Caja RPVC

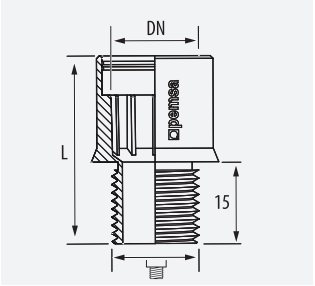
Coupler Boxes RPVC



DN		L	RAL 7035	kg/u	s
DN16	M16	34,5	55043016	0,004	19
DN20	M20	38,5	55043020	0,005	19
DN25	M25	43,5	55043025	0,007	19
DN32	M32	48,5	55043032	0,010	10
DN40	M40	50,5	55043040	0,013	10
DN50	M50	60,5	55043050	0,019	5
DN63	M63	68,5	55043063	0,027	5

M		IP	
PVC	-15/+60º	44	OK

ETIM: EC000937



pemsa

Curva 90° RPVC

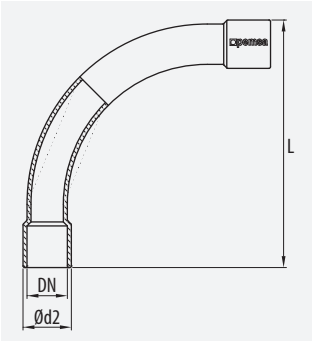
90° RPVC Bend



DN	Ød2	L	RAL 7035	kg/U	u
DN16	19	70	55017016	0,009	25
DN20	23	90	55017020	0,013	25
DN25	29	120	55017025	0,023	25
DN32	36	150	55017032	0,044	10

M		IP	
PVC	-5/+60⁰	44	OK

ETIM: EC000937



Derivación T RPVC

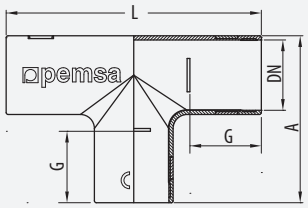
RPVC Tee



DN	G	L	A	RAL 7035	kg/U	u
DN16	16,5	64	42	55083016	0,011	25
DN20	20,5	76	50	55083020	0,016	25
DN25	25,5	91	60	55083025	0,020	25
DN32	30,5	108	72	55083032	0,032	15

M		IP	
PVC	-5/+60⁰	44	OK

ETIM: EC000937



Codo RPVC 90°

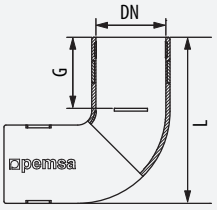
RPVC 90° Elbow



DN	G	L	RAL 7035	kg/U	u
DN16	16,5	42	55073016	0,009	25
DN20	20,5	50	55073020	0,013	25
DN25	25,5	60	55073025	0,023	25
DN32	30,5	72	55073032	0,044	15

M		IP	
PVC	-5/+60⁰	44	OK

ETIM: EC000936



Curva flexible FRPVC

Flexible Bend FRPVC



DN	Ød2	L	RAL 7035	kg/U	u
DN16	17	275	55091016	0,016	20
DN20	21,3	275	55091020	0,021	20
DN25	26,7	390	55091025	0,045	10
DN32	33,4	390	55091032	0,053	10

M		IP	
PVC	-5/+60⁰	44	OK

ETIM: EC001493



Tubo Pemsa CLH

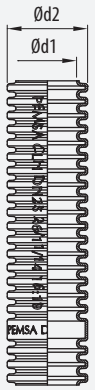
CLH Conduit



DN	Ød1	Ød2	r mm	RAL 7035	kg/m	m
DN16	11,2	16	125	10040216	0,035	100
DN20	14,4	20	125	10040220	0,046	100
DN25	18,4	25	140	10040225	0,062	75
DN32	24,8	32	140	10040232	0,092	50
DN40	31,6	40	100	10040240	0,115	25
DN50	40,4	50	70	10040250	0,158	25

	M	IEC 61386				IP	
	PP	23323	2 (320N)	3 (2J)	3 (-15º)/ 2 (+90º)	65	OK

ETIM: EC001174



Tubo Pemsa TFA 7035

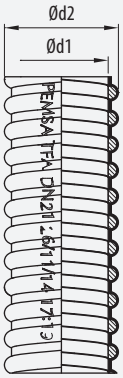
TFA 7035 Conduit



DN	Ød1	Ød2	r mm	RAL 7035	kg/m	m
DN 9	11,8	15,7	16	10011209	0,070	25
DN11	14,7	18,7	20	10011211	0,078	25
DN13	16,8	20,7	22	10011213	0,105	25
DN16	18,1	22,8	24	10011216	0,120	25
DN21	23,6	28,9	30	10011221	0,165	25
DN29	30,5	37,0	38	10011229	0,250	25
DN36	40,0	47,2	48	10011236	0,380	25
DN48	53,1	60,0	60	10011248	0,415	20

	M	IEC 61386				IP	
	PVC	24214	2 (320N)	4 (6J)	2 (-5º)/ 1 (+60º)	65	OK

ETIM: EC001174



Tubo Pemsa TM-PVC 7035

TM-PVC 7035 Conduit



DN	Ød1	Ød2	r mm	RAL 7035	kg/m	m
DN 9	11,5	14,7	38	11060209	0,101	50
DN11	15,3	18,3	52	11060211	0,145	50
DN13	17,1	20,3	55	11060213	0,157	50
DN16	19,3	22,5	60	11060216	0,182	50
DN21	23,4	27,8	72	11060221	0,367	25
DN29	30,7	34,7	77	11060229	0,471	25
DN36	39,8	44,8	103	11060236	0,614	25
DN48	52,7	55,7	115	11060248	0,874	20

	M	IEC 61386				IP	
	PG+PVC	44214	4 (120N)	4 (6J)	2 (-5º)/ 1 (+60º)	65	OK

ETIM: EC001177



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Racor P

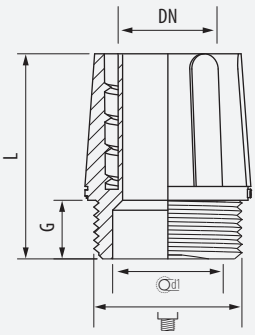
P Connector



DN		Ød1	G	L	RAL 7035	kg/u	u
DN 9	M16	11,0	9,1	28,2	81000120	0,003	100
DN11	M20	15,0	9,7	31,9	81000121	0,005	50
DN13	M20	15,0	10,2	33,4	81000122	0,006	50
DN16	M25	20,0	10,6	34,2	81000123	0,007	25
DN21	M32	26,0	12	40,0	81000124	0,010	25
DN29	M40	28,3	13	54,0	81000125	0,024	10
DN36	M50	36,6	13,5	59,0	81000126	0,033	8
DN48	M63	50,0	15	66,0	81000127	0,050	5

	M		IP	
	PVC	+5/+60°	44	OK

ETIM: EC001178



Racor RGP Giratorio

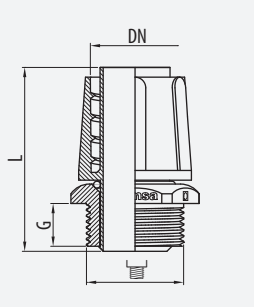
RGP Swivel Connector



DN		G	L		RAL 7035	kg/u	u
DN 9	M16	10	39	21	35012160	0,006	100
DN11	M20	10	42	25	35012200	0,008	50
DN13	M20	10	44	25	35012201	0,009	50
DN16	M25	11	47	30	35012250	0,013	25
DN21	M32	11	52	36	35012320	0,018	25
DN29	M40	12,5	66	44	35012400	0,033	10
DN36	M50	12,5	67	54	35012500	0,044	8
DN48	M63	15	76	69	35012630	0,067	5

	M		IP	
	PVC	+5/+60°	65	OK

ETIM: EC001178



Manguito Acoplamiento CLH

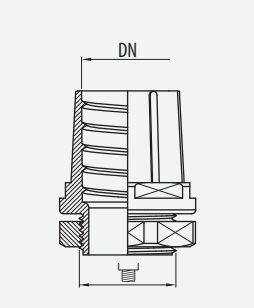
CLH Coupler



DN		RAL 7035	kg/u	u
DN16	M16	55007116	0,007	50
DN20	M20	55007120	0,009	50
DN25	M25	55007125	0,013	50

	M		IP	
	PP	-15/+90°	44	OK

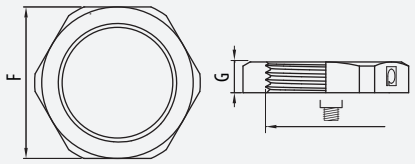
ETIM: EC000917



Tuerca TCP

TCP Nut





G	RAL 7035	kg/u	u
PG 7	5	19	40020007	0,001	100
PG 9	5	22	40020009	0,002	100
PG11	5	24	40020011	0,001	100
PG13	6	27	40020013	0,002	100
PG16	6	30	40020016	0,003	100
PG21	7	36	40020021	0,003	100
PG29	7	46	40020029	0,006	50
PG36	8	60	40020036	0,013	25
PG42	8	65	40020042	0,013	25
PG48	8	70	40020048	0,014	25

G	RAL 7035	kg/u	u
M12	5	18	40021120	0,001	100
M16	5	22	40021160	0,001	100
M20	6	26	40021200	0,002	100
M25	6	32	40021250	0,005	100
M32	7	41	40021320	0,005	50
M40	7	50	40021400	0,007	25
M50	8	60	40021500	0,010	25
M63	8	75	40021630	0,016	25

M		
PA6	-25/+105⁰	OK

ETIM: EC000129

Clip Fijación

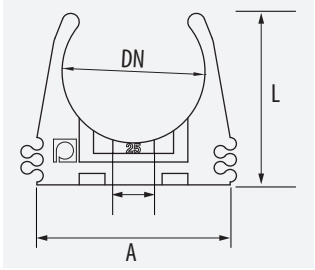
Fixing Clip



DN	A	RAL 7035	kg/u	u
DN16	22	55023016	0,004	100
DN20	28	55023020	0,004	100
DN25	33	55023025	0,005	100
DN32	41	55023032	0,006	80
DN40	52	55023040	0,016	30
DN50	64	55023050	0,021	20

M		
PA6	-15/+90⁰	OK

ETIM: EC002320



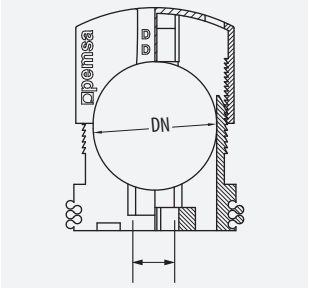
Clip Presión

Variable Clip



DN	RAL 7035	kg/u	u
DN12/20	55024012	0,012	50
DN20/32	55024020	0,018	40
DN32/50	55024032	0,017	20

M		
PA6	-15/+90⁰	OK



Brida Fijación

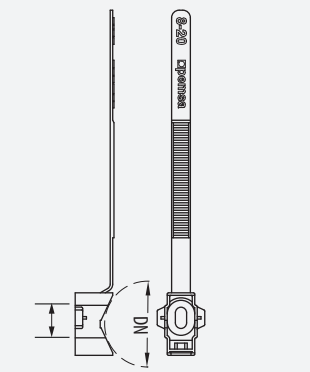
Cable Tie Fixing



DN	RAL 7035	kg/u	u
DN 8/32	55120032	0,004	100
DN16/63	55120063	0,007	50

M		
PA6	-15/+90⁰	OK

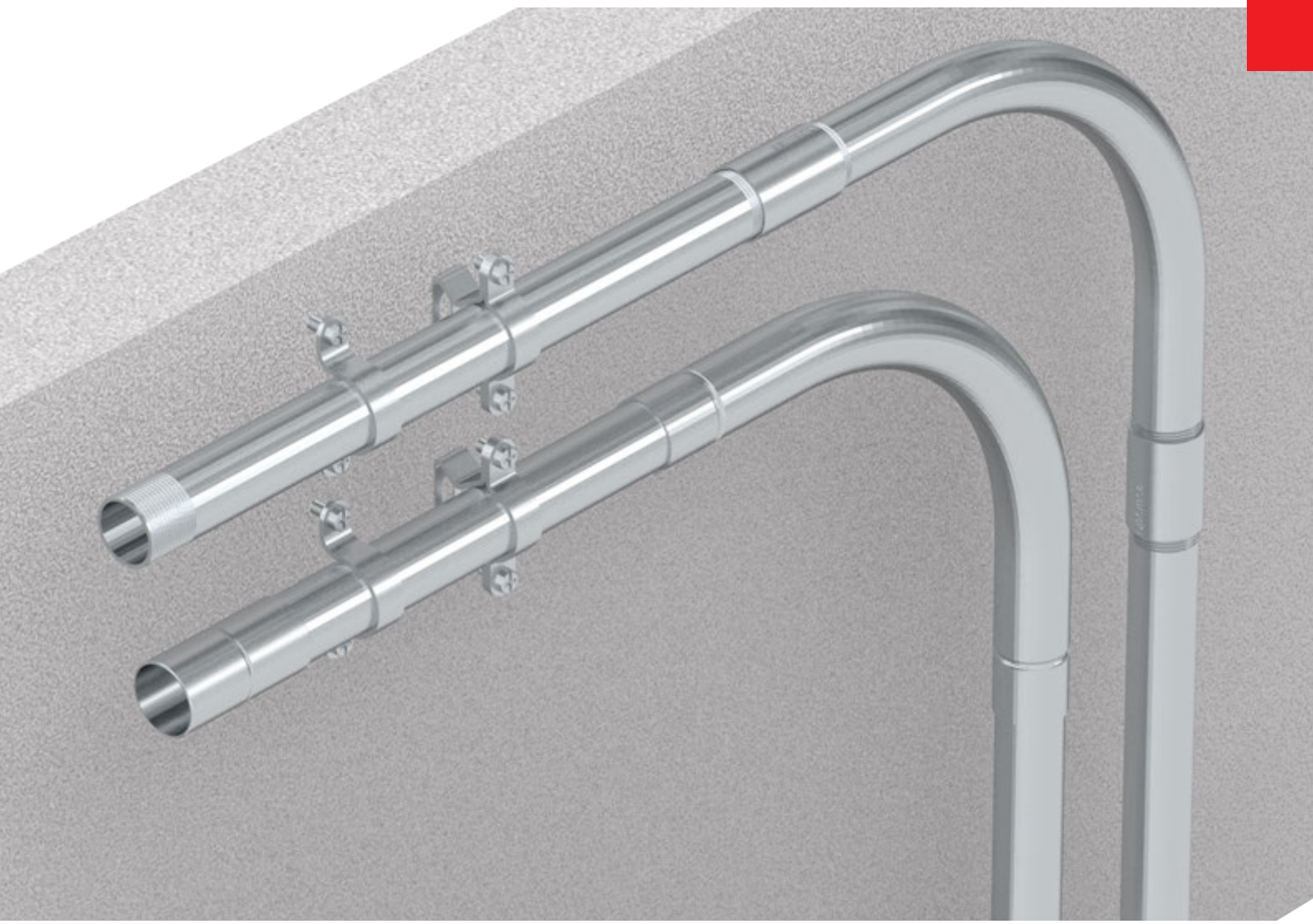
ETIM: EC000046



Metal

Tubos rígidos metálicos

Rigid metal conduits



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Tubo Rígido RL

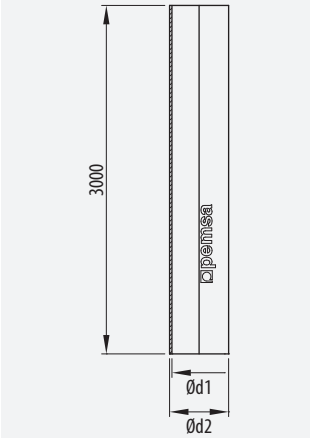
RL Rigid Conduit



DN	Ød1	Ød2	EZ	kg/m	
DN16	14,0	16	13040016	0,389	51
DN20	18,0	20	13040020	0,487	51
DN25	23,0	25	13040025	0,612	30
DN32	29,6	32	13040032	0,942	21
DN40	37,6	40	13040040	1,178	15
DN50	47,6	50	13040050	1,714	15
DN63	60,6	63	13040063	2,326	9

	M	IEC 61386				IP	
	EZ	55571	5 (4000N)	5 (20J)	5 (-45º)/ 7 (+400º)	54	OK

ETIM: EC001173



Tubo Rígido RR

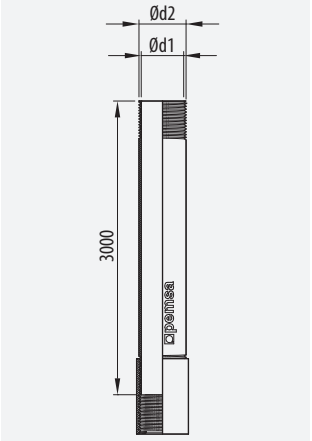
RR Rigid Conduit



DN		Ød1	Ød2	G	EZ	kg/m	
16	M16	13,6	16	15	13030016	0,462	51
20	M20	17,6	20	15	13030020	0,579	51
25	M25	22,6	25	20	13030025	0,73	30
32	M32	29,6	32	20	13030032	1,094	21
40	M40	37	40	20	13030040	1,374	15
50	M50	47	50	20	13030050	1,714	15
63	M63	60	63	20	13030063	2,629	9

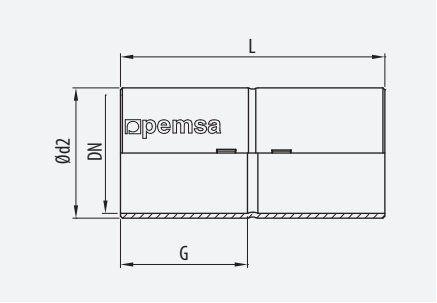
	M	IEC 61386				IP	
	EZ	55571	5 (4000N)	5 (20J)	5 (-45º)/ 7 (+400º)	54	OK

ETIM: EC001173



Manguito RL

RL Coupler



DN	Ød2	G	L	EZ	kg/u	u
DN16	18,1	21	45	55006016	0,022	100
DN20	22,1	24	50	55006020	0,030	50
DN25	27,1	26	55	55006025	0,040	25
DN32	34,1	31	65	55006032	0,091	20
DN40	42,5	34	70	55006040	0,121	12
DN50	52,5	45	90	55006050	0,190	6
DN63	65,5	51	105	55006063	0,275	3

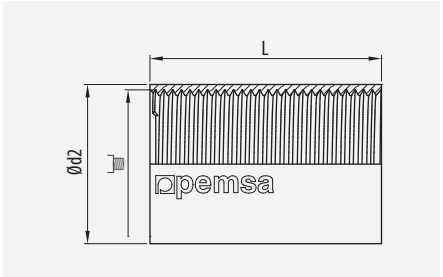
	M		IP	
	EZ	-45/+400°	54	OK

ETIM: EC000937



Manguito RR

RR Coupler



DN		Ød2	L	EZ	kg/u	u
16	M16	18,5	30	55004016	0,020	50
20	M20	22,5	35	55004020	0,030	50
25	M25	27,5	40	55004025	0,040	50
32	M32	34,5	43	55004032	0,060	25
40	M40	42,5	43	55004040	0,070	20
50	M50	52,5	52	55004050	0,120	10
63	M63	65,5	63	55004063	0,150	6

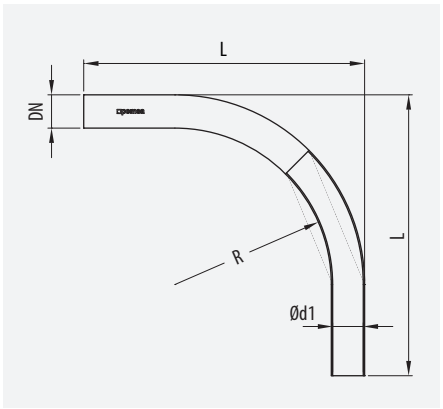
	M		IP	
	EZ	-45/+400°	54	OK

ETIM: EC000937



Curva 90° RL

90° RL Bend



DN	Ød1	r mm	L	EZ	kg/u	u
DN16	14,0	97	173	55015016	0,111	10
DN20	18,0	93	173	55015020	0,140	10
DN25	23,0	117	198	55015025	0,202	10
DN32	29,6	129	232	55015032	0,366	10
DN40	37,6	145	287	55015040	0,578	5
DN50	47,6	160	351	55015050	0,879	5
DN63	60,6	296	541	55015063	1,722	3

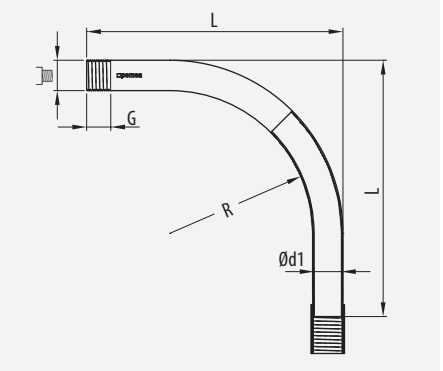
	M	IEC 61386				IP	
	EZ	5557	5 (4000N)	5 (20J)	5 (-45°)/ 7 (+400°)	54	OK

ETIM: EC000937



Curva 90° RR

90° RR Bend



DN		Ød1	r mm	G	L	EZ	kg/u	u
16	M16	13,6	97	15	173	55014016	0,152	10
20	M20	17,6	93	15	180	55014020	0,194	10
25	M25	22,6	117	20	198	55014025	0,28	10
32	M32	29,6	129	20	232	55014032	0,426	10
40	M40	37,0	145	20	287	55014040	0,787	5
50	M50	57,0	160	20	351	55014050	1,237	5
63	M63	60,0	296	20	541	55014063	2,273	3

	M	IEC 61386				IP	
	EZ	5557	5 (4000N)	5 (20J)	5 (-45°)/ 7 (+400°)	54	OK

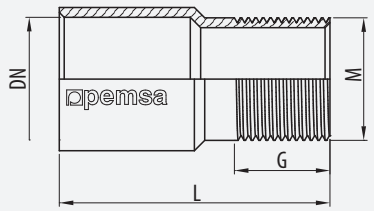
ETIM: EC000937



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Manguito Aclopamiento

Connection Coupler



DN		G	L	EZ	kg/u	u
DN16	M16	15	44	55007016	0,035	50
DN20	M20	15	48	55007020	0,048	50
DN25	M25	20	55	55007025	0,070	25
DN32	M32	20	63	55007032	0,104	25
DN40	M40	20	68	55007040	0,142	15
DN50	M50	20	83	55007050	0,216	6
DN63	M63	20	95	55007063	0,312	6

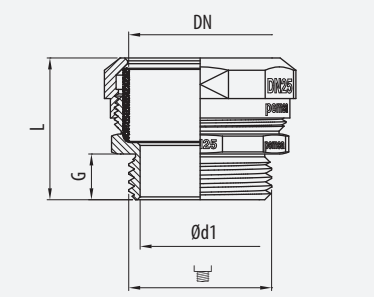
M		IP	
EZ	-45/+400	44	OK

ETIM: EC000937



Racor RMT

RMT Coupler



DN		Ød1	G	L		LN	kg/u	u
DN16	M16	12,0	6	18	24	37031160	0,018	100
DN20	M20	14,0	7	20	28	37031201	0,025	100
DN25	M25	21,0	8	20	32	37031250	0,034	50
DN32	M32	27,0	8	24	40	37031320	0,059	25
DN40	M40	35,0	9,5	29	48	37031400	0,094	20
DN50	M50	41,2	11	37	60	37031500	0,170	10
DN63	M63	63,0	15	47	76	37031630	0,301	5

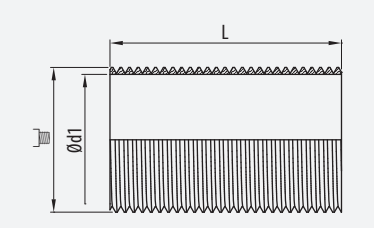
M		IP	
LN	-15/+90	54	OK

ETIM: EC000937



Manguito RE

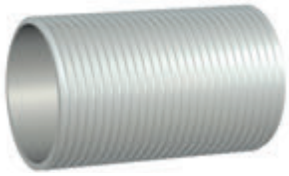
RE Coupler



	d2	L	EZ	kg/u	u
M16	13,6	30	55005016	0,008	50
M20	17,6	35	55005020	0,011	50
M25	22,6	40	55005025	0,020	50
M32	29,6	43	55005032	0,030	25
M40	37,0	43	55005040	0,035	20
M50	47,0	52	55005050	0,060	10
M63	60,0	63	55005063	0,121	6

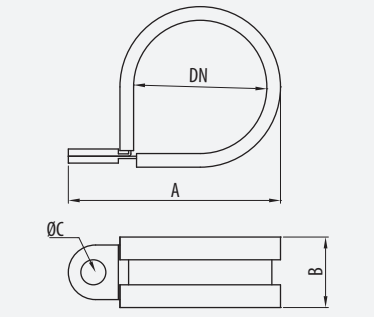
M		IP	
EZ	-45/+400	54	OK

ETIM: EC000937



Abrazadera I

Clamp I



DN	A	B	C	EZ	kg/u	u
DN 7	25	12,5	4,2	39095000	0,035	100
DN10	27	12,5	4,2	39095100	0,040	100
DN12	30	12,5	4,2	39095200	0,042	100
DN17	40	15,5	5,5	39095400	0,093	100
DN23	48	15,5	5,5	39095500	0,114	50
DN29	60	18	6,2	39095600	0,233	30
DN36	74	18	6,3	39095700	0,283	20
DN48	86	18,5	6,2	39095800	0,342	20

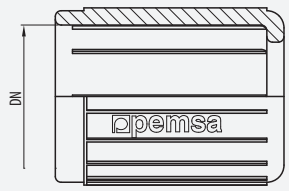
M		
EZ+NBR	-25/+120	OK

ETIM: EC000464



Terminal Tubo

End Cap



DN	RAL 7035	u
DN16	55111016	100
DN20	55111020	100
DN25	55111025	100
DN32	55111032	50
DN40	55111040	50
DN50	55111050	25
DN63	55111063	20

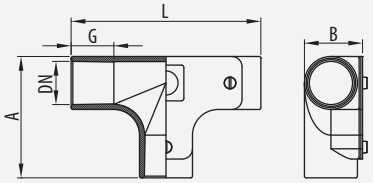
M	±	
PVC	-5/+90º	OK

ETIM: EC000519



Derivación TL

TL Tee



DN	G	L	A	B	AL	kg/u	u
DN16	20,0	96	61	30,5	55081016	0,073	10
DN20	21,5	96	61	30,5	55081020	0,127	10
DN25	26,5	111	71	35,5	55081025	0,221	8
DN32	32,0	146	96	51,5	55081032	0,920	2
DN40	33,5	146	96	51,5	55081040	0,688	2
DN50	43,5	183	120	61,5	55081050	1,155	1

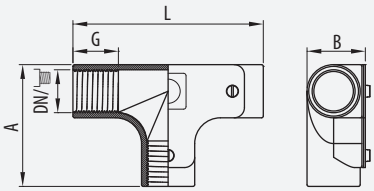
M	±	IP	
AL	-45/+400º	54	OK

ETIM: EC002922



Derivación TR

TR Tee



DN		G	L	A	B	AL	kg/u	u
DN16	M16	20,0	96	61	30,5	55080016	0,073	10
DN20	M20	21,5	96	61	30,5	55080020	0,127	10
DN25	M25	26,5	111	71	35,5	55080025	0,221	8
DN32	M32	32,0	146	96	51,5	55080032	0,920	2
DN40	M40	33,5	146	96	51,5	55080040	0,688	2
DN50	M50	43,5	183	120	61,5	55080050	1,155	1

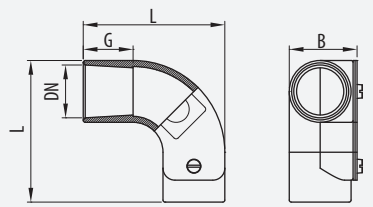
M	±	IP	
AL	-45/+400º	54	OK

ETIM: EC000936



Codo L

L Elbow



DN	G	L	B	AL	kg/u	u
DN16	20,0	61	30,5	55071016	0,038	20
DN20	21,5	61	30,5	55071020	0,093	20
DN25	26,5	71	35,5	55071025	0,140	12
DN32	32,0	91	61,5	55071032	0,295	4
DN40	33,5	91	61,5	55071040	0,224	4
DN50	43,5	119	61,5	55071050	0,360	2

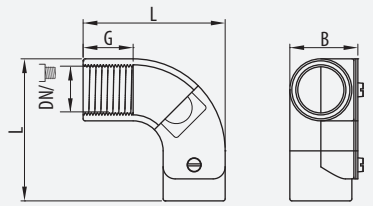
M	±	IP	
AL	-45/+400º	54	OK

ETIM: EC000936



Codo R

R Elbow



DN		G	L	B	AL	kg/u	u
16	M16	20,0	61	30,5	55070016	0,044	20
20	M20	21,5	61	30,5	55070020	0,093	20
25	M25	26,5	71	35,5	55070025	0,140	12
32	M32	32,0	91	51,5	55070032	0,295	4
40	M40	33,5	91	51,5	55070040	0,224	4
50	M50	43,5	119	61,5	55070050	0,360	2

M	±	IP	
AL	-45/+400º	54	OK

ETIM: EC000936



pemsa

Tubo Rígido RLGC Galvanizado en Caliente

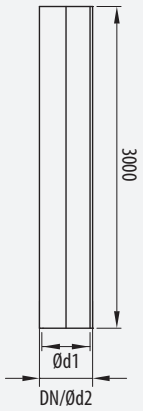
RLGC Hot Dip Galvanised Conduit



DN	Ød1	Ød2	GC	kg/m	m
DN16	14,0	16	13040116	0,428	30
DN20	18,0	20	13040120	0,536	30
DN25	22,6	25	13040125	0,674	30
DN32	29,6	32	13040132	1,036	21
DN40	37,6	40	13040140	1,296	15
DN50	47,6	50	13040150	1,885	15
DN63	60,6	63	13040163	2,559	15

M	IEC 61386				IP	
GC	44571	4 (1250N)	4 (6J)	5 (-45º)/ 7 (+400º)	54	OK

ETIM: EC001173



Tubo Rígido RRGC Galvanizado en Caliente

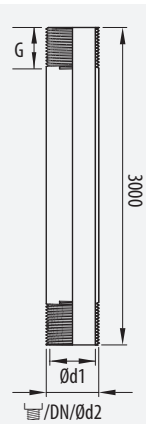
RRGC Hot Dip Galvanised Conduit



DN		Ød1	Ød2	G	GC	kg/m	m
16	M16	13,2	16	15	13030116	0,508	30
20	M20	16,8	20	15	13030120	0,637	30
25	M25	21,8	25	20	13030125	0,803	30
32	M32	28,8	32	20	13030132	1,203	21
40	M40	36,8	40	20	13030140	1,511	15
50	M50	46,8	50	20	13030150	1,885	15
63	M63	59,4	63	20	13030163	2,892	15

M	IEC 61386				IP	
GC	55571	5 (4000N)	5 (20J)	5 (-45º)/ 7 (+400º)	54	OK

ETIM: EC001173



Manguito RLGC

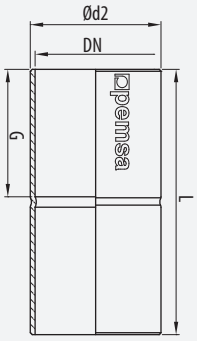
RLGC Coupler



DN	Ød2	G	L	GC	kg/u	u
DN16	18,0	19	43	55006116	0,028	25
DN20	22,3	23	51	55006120	0,035	50
DN25	27,6	27	58	55006125	0,046	50
DN32	34,7	31	68	55006132	0,102	50
DN40	42,8	34	75	55006140	0,137	25
DN50	52,7	43	95	55006150	0,219	10
DN63	65,7	47	102	55006163	0,323	5

M		IP	
GC	-45/+400º	54	OK

ETIM: EC000937



Manguito RRGC

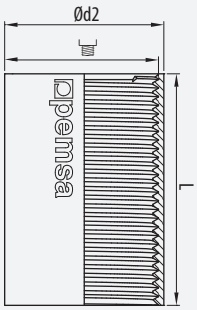
RRGC Coupler



DN		Ød2	L	GC	kg/u	u
16	M16	18,5	27	55004116	0,026	25
20	M20	22,3	30	55004120	0,035	50
25	M25	27,6	37	55004125	0,046	50
32	M32	35,0	40	55004132	0,068	50
40	M40	44,1	50	55004140	0,081	25
50	M50	54,7	55	55004150	0,142	10
63	M63	65,7	55	55004163	0,185	5

M		IP	
GC	-45/+400º	54	OK

ETIM: EC000937



Curva 90° RLGC

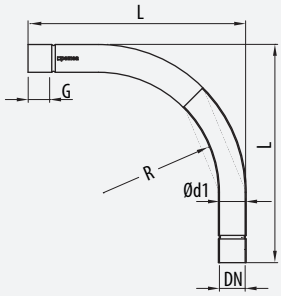
90° RLGC Bend



DN	Ød1	r mm	G	L	GC	kg/u	u
DN16	18,1	50	27	110	55015116	0,122	15
DN20	22,1	70	32	135	55015120	0,154	25
DN25	27,7	80	34	205	55015125	0,222	25
DN32	34,7	80	34	232	55015132	0,403	20
DN40	42,7	170	47	290	55015140	0,636	15
DN50	53,0	200	53	360	55015150	0,967	5
DN63	66,0	250	82	470	55015163	1,894	3

M	IEC 61386				IP	
GC	5557	5 (4000N)	5 (20J)	5 (-45º)/ 7 (+400º)	54	OK

ETIM: EC001493



Curva 90° RRGC

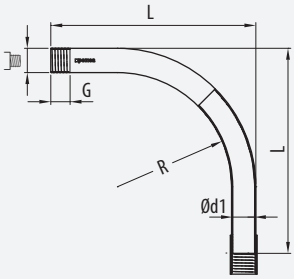
90° RRGC Bend



DN		Ød1	r mm	G	L	GC	kg/u	u
16	M16	13,2	50	12	140	55014116	0,167	15
20	M20	16,8	60	12	160	55014120	0,213	25
25	M25	21,8	60	15	190	55014125	0,308	25
32	M32	28,8	80	18	245	55014132	0,469	20
40	M40	36,8	100	20	290	55014140	0,866	15
50	M50	46,8	120	20	360	55014150	1,361	5
63	M63	59,4	200	20	450	55014163	2,500	3

M	IEC 61386				IP	
GC	5557	5 (4000N)	5 (20J)	5 (-45º)/ 7 (+400º)	54	OK

ETIM: EC001493



Abrazadera RGC

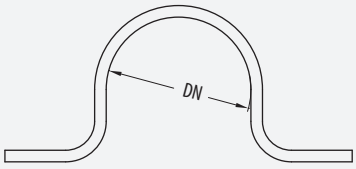
RGC Clamp



DN	GC	kg/u	u
DN16	55032116	0,001	100
DN20	55032120	0,001	100
DN25	55032125	0,001	100
DN32	55032132	0,001	100
DN40	55032140	0,002	50
DN50	55032150	0,002	50
DN63	55032163	0,002	25

M		
GC	-45/+400º	OK

ETIM: EC000464



Abrazadera Pie RGC

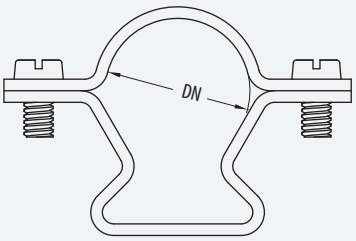
RGC Stand Off Clamp



DN	GC	kg/u	u
DN16	55033116	0,004	50
DN20	55033120	0,004	50
DN25	55033125	0,004	50
DN32	55033132	0,004	25
DN40	55033140	0,010	25
DN50	55033150	0,020	25
DN63	55033163	0,020	20

M		
GC	-45/+400º	OK

ETIM: EC000464



Tubo Rígido RAL Aluminio

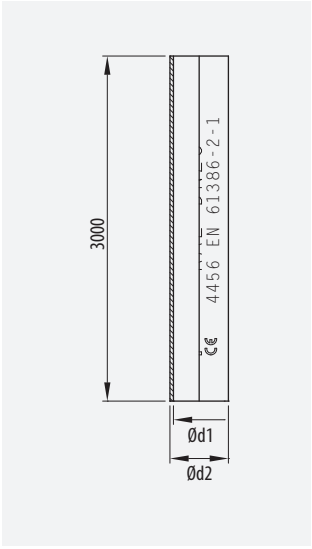
RAL Aluminium Rigid Conduit



DN	Ød1	Ød2	AL	kg/m	m
DN16	14,0	16	13020016	0,127	30
DN20	18,0	20	13020020	0,161	30
DN25	22,6	25	13020025	0,242	30
DN32	29,6	32	13020032	0,313	30
DN40	37,6	40	13020040	0,395	15
DN50	46,9	50	13020050	0,496	15
DN63	58,8	63	13020063	0,782	15

	M	IEC 61386				IP	
	AL	44561	4 (1250N)	4 (6J)	5 (-45º)/ 6 (+250º)	44	OK

ETIM: EC001173



Manguito RAL

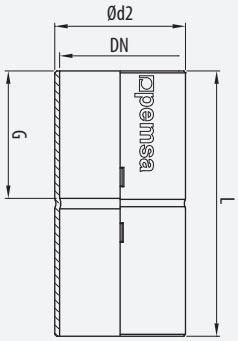
RAL Coupler



DN	Ød2	G	L	AL	kg/u	u
DN16	16,1	16	35	55002016	0,003	50
DN20	20,1	20	44	55002020	0,004	50
DN25	25,1	25	54	55002025	0,009	50
DN32	32,1	30	65	55002032	0,010	50
DN40	40,1	32	68	55002040	0,020	20
DN50	50,1	44	90	55002050	0,030	20
DN63	63,1	49	100	55002063	0,050	20

	M			IP	
	AL		-45º/+250	44	OK

ETIM: EC000937



Curva 90° RAL

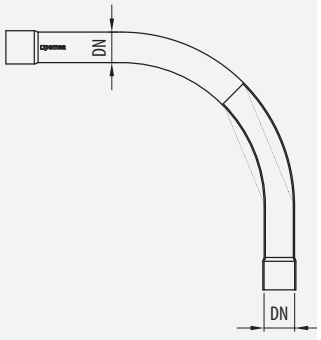
90° RAL Bend



DN		AL	kg/u	u
DN16		55012016	0,050	15
DN20		55012020	0,060	25
DN25		55012025	0,090	25
DN32		55012032	0,130	20
DN40		55012040	0,180	15
DN50		55012050	0,260	5
DN63		55012063	0,390	3

	M	IEC 61386				IP	
	AL	4456	4 (1250N)	4 (6J)	5 (-45º)/ 6 (+250º)	44	OK

ETIM: EC001493



Clip RAL

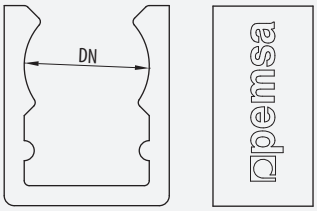
RAL Clip



DN	AL	kg/u	u
DN16	55022016	0,001	50
DN20	55022020	0,001	50
DN25	55022025	0,001	50
DN32	55022032	0,002	50
DN40	55022040	0,004	25

	M		
	AL	-45/+250°	OK

ETIM: EC002320

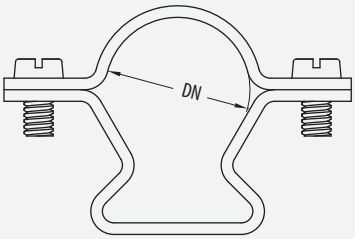


Abrazadera Pie RAL

RAL Stand Off Clamp



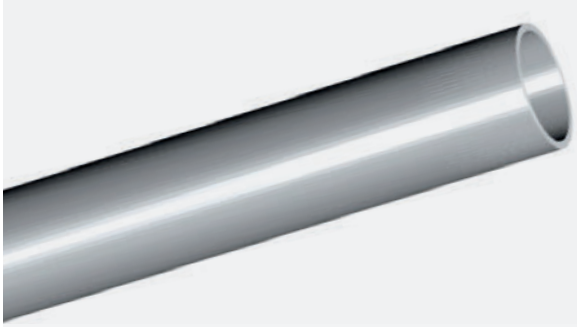
DN	AL	kg/u	u
DN16	55031016	0,002	50
DN20	55031020	0,002	50
DN25	55031025	0,002	50
DN32	55031032	0,004	25
DN40	55031040	0,005	25

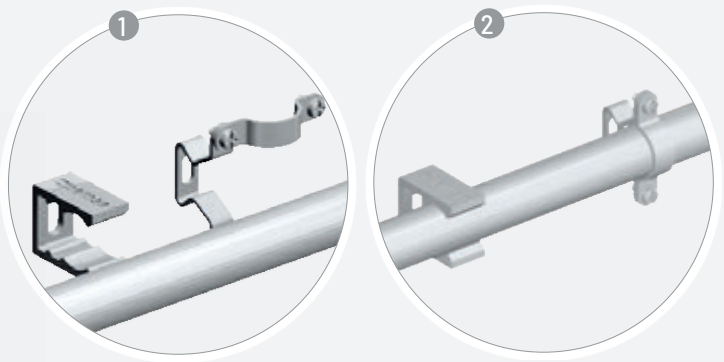


IDEA

Soluciones Fijación Tubo RAL

Solutions for fixing RAL Conduit

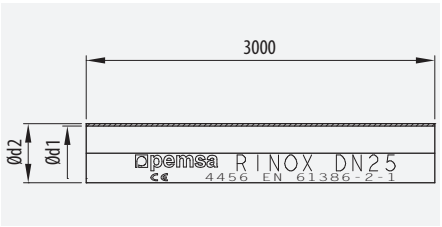




pemsa

Tubo RINOX Acero Inoxidable

Stainless Steel RINOX Conduit



DN	Ød1	Ød2	I304	kg/m	m
DN16	14	16	13021016	0,389	15
DN20	18,0	20	13021020	0,450	15
DN25	23,0	25	13021025	0,600	15
DN32	29,6	32	13021032	1,200	15
DN40	37,6	40	13021040	1,300	9
DN50	47 ,6	50	13021050	1,714	9

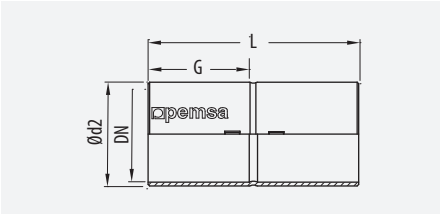
M	IEC 61386				IP	
304	44561	4 (1250N)	4 (6J)	5 (-45º)/ 6 (+250º)	44	OK



ETIM: EC001173

Manguito RINOX

RINOX Coupler



DN	Ød2	G	L	I316L	kg/u	u
DN16	17,7	21,5	45	55003016	0,022	25
DN20	21,7	24,0	50	55003020	0,040	50
DN25	26,7	27,5	55	55003025	0,040	50
DN32	33,7	31,5	65	55003032	0,065	50
DN40	42,1	34,0	70	55003040	0,072	25
DN50	52,1	44,0	90	55003050	0,200	10

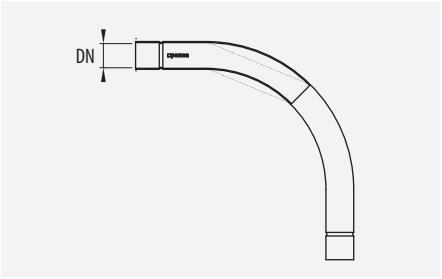
M		IP	
316	-45º/+250	44	OK



ETIM: EC000937

Curva 90° RINOX

90° RINOX Bend



DN	I316L	kg/u	u
DN16	55013016	0,111	15
DN20	55013020	0,120	25
DN25	55013025	0,180	25
DN32	55013032	0,280	20
DN40	55013040	0,720	10
DN50	55013050	0,879	5

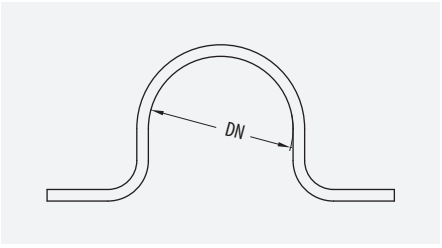
M	IEC 61386				IP	
316	4456	4 (1250N)	4 (6J)	5 (-45º)/ 6 (+250º)	44	OK

ETIM: EC001493



Abrazadera RINOX

RINOX Clamp



DN	I316L	kg/u	u
DN16	55034016	0,001	50
DN20	55034020	0,001	50
DN25	55034025	0,001	50
DN32	55034032	0,001	25
DN40	55034040	0,002	25
DN50	55034050	0,002	25

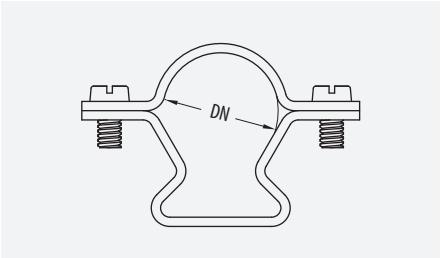
M		
316	-45/+250º	OK

ETIM: EC000464



Abrazadera Pie RINOX

RINOX Stand Off Clamp



DN	I316L	kg/u	u
DN16	55035016	0,002	50
DN20	55035020	0,002	50
DN25	55035025	0,002	50
DN32	55035032	0,002	50
DN40	55035040	0,004	25
DN50	55035050	0,004	25

M		
316	-45/+250º	OK

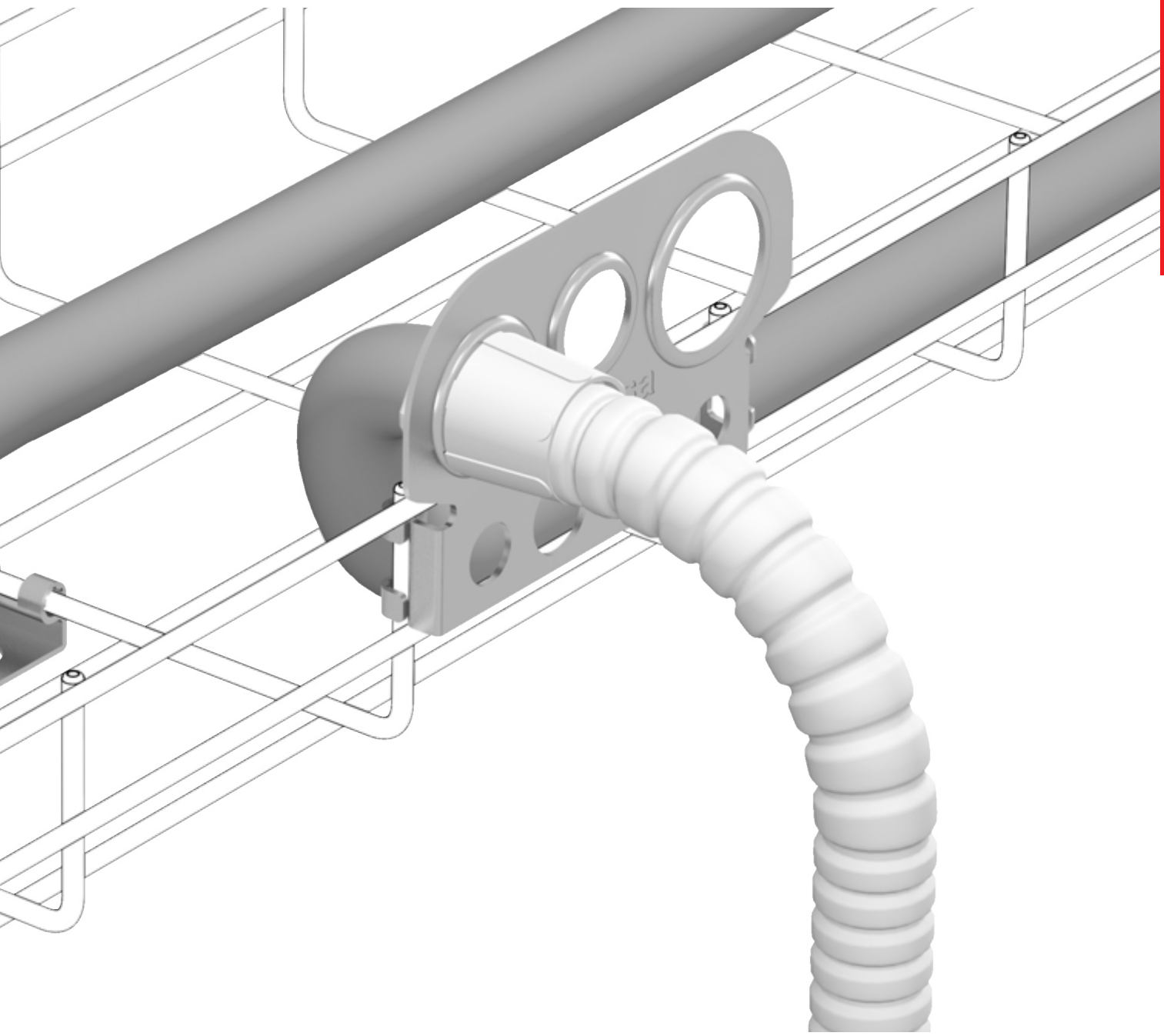
ETIM: EC000464



Flexibl

Tubos flexibles para aplicaciones generales e industriales

Flexible conduits for general and industrial applications



Tubo Flexible TFA

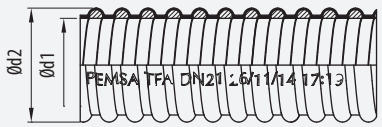
TFA Flexible Conduit



DN	Ød1	Ød2	r mm	RAL 7011	RAL 7035	kg/m	m
DN 7	10,0	13,3	14	10011007		0,055	25
DN 9	11,8	15,7	16	10011009	10011209	0,070	25
DN11	14,7	18,7	20	10011011	10011211	0,078	25
DN13	16,8	20,7	22	10011013	10011213	0,105	25
DN16	18,1	22,8	24	10011016	10011216	0,120	25
DN21	23,6	28,9	30	10011021	10011221	0,165	25
DN29	30,5	37,0	38	10011029	10011229	0,250	25
DN36	40,0	47,2	48	10011036	10011236	0,380	25
DN48	53,1	60,0	60	10011048	10011248	0,415	20

M		IEC 61386				IP	
PVC		24214	2 (320N)	4 (6J)	-5/+60⁰	65	OK

ETIM: EC001177



Tubo TM

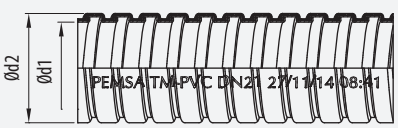
TM Flexible Conduit



DN	Ød1	Ød2	r mm		PG	kg/m	m
DN 7	9,7	12,1	35		11010107	0,075	50
DN 9	11,5	14,1	41		11010109	0,084	50
DN11	15,3	17,7	50		11010111	0,118	50
DN13	17,1	19,5	51		11010113	0,127	50
DN16	19,3	21,7	55		11010116	0,144	50
DN21	23,4	26,8	66		11010021	0,310	25
DN29	30,7	33,7	84		11010029	0,400	25
DN36	39,8	43,8	106		11010036	0,520	25
DN48	52,7	56,7	149		11010048	0,700	20

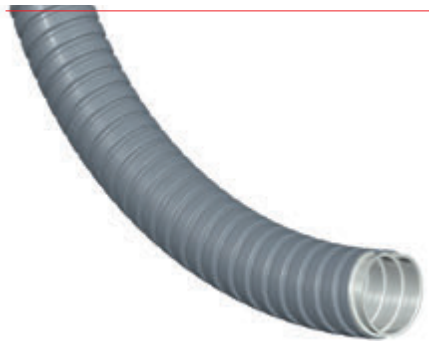
M		IEC 61386				IP	
PG		44554	4 (1250N)	4 (6J)	5 (-45⁰)/5 (+150⁰)	40	OK

ETIM: EC001177



Tubo ECOFLEX

ECOFLEX flexible Conduit



DN	Ød1	Ød2	mm	RAL 7031	kg/m	m
DN 7	9,7	12,7	24	11060107	0,096	50
DN 9	11,5	14,7	31	11060109	0,101	50
DN11	15,3	18,3	35	11060111	0,145	50
DN13	17,1	20,3	37	11060113	0,157	50
DN16	19,3	22,5	41	11060116	0,182	50
DN21	23,4	27,8	56	11060021	0,367	25
DN29	30,7	34,7	73	11060029	0,471	25
DN36	39,8	44,8	91	11060036	0,614	25
DN48	52,7	57,7	107	11060048	0,874	20

	M	IEC 61386				IP	
	PG+PVC	34214	3 (750N)	4 (6J)	2 (-5º)/ 1 (+60º)	65	OK

ETIM: EC001177



Tubo TM-PVC

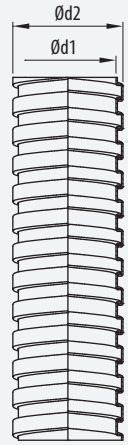
TM-PVC flexible Conduit



DN	Ød1	Ød2	mm	RAL 7031	RAL 7035	kg/m	m
DN 7	9,7	12,7	31	11020107	11060207	0,102	50
DN 9	11,5	14,7	37	11020109	11060209	0,108	50
DN11	15,3	18,3	52	11020111	11060211	0,154	50
DN13	17,1	20,3	55	11020113	11060213	0,165	50
DN16	19,3	22,5	60	11020116	11060216	0,217	50
DN21	23,4	27,8	71	11020021	11060221	0,390	25
DN29	30,7	34,7	76	11020029	11060229	0,500	25
DN36	39,8	44,8	103	11020036	11060236	0,690	25
DN48	52,7	57,7	114	11020048	11060248	1,013	20

	M	IEC 61386				IP	
	PG+PVC	44214	4 (1250N)	4 (6J)	2 (-5º)/ 1 (+60º)	65	OK

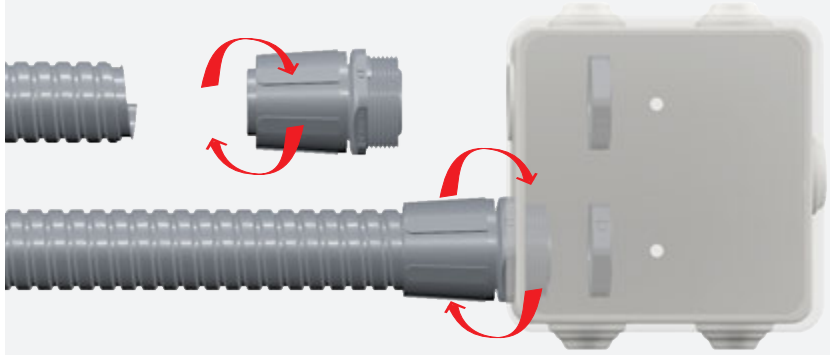
ETIM: EC001177



IDEA

RGp Racor Giratorio

Swivel Connector



Facil instalación de Racor a Caja

Easy fitting Connector to Box

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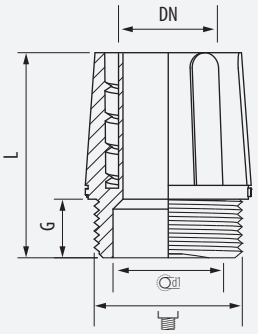
Racor P

P Connector



DN		Ød1	G	L	RAL 7001	RAL 7035	kg/u	u
DN 7	PG 7	8,1	9,1	27,2	30010007		0,002	100
DN 9	PG 9	10,6	9,1	28,2	30010009		0,003	100
DN11	PG11	14,1	9,7	31,9	30010011		0,005	50
DN13	PG13	15,7	10,2	33,4	30010013		0,006	50
DN16	PG16	17,2	10,6	34,2	30010016		0,007	25
DN21	PG21	21,8	12	40,0	30010021		0,011	25
DN29	PG29	26,0	13	47,5	30010029		0,021	10
DN36	PG36	37,0	13,5	51,5	30010036		0,030	8
DN48	PG48	59,3	16	59,3	30010048		0,052	5
DN 9	M16	11,0	9,1	28,2	30011160	81000120	0,003	100
DN11	M20	15,0	9,7	31,9	30011200	81000121	0,005	50
DN13	M20	15,0	10,2	33,4	30011201	81000122	0,006	50
DN16	M25	20,0	10,6	34,2	30011250	81000123	0,007	25
DN21	M32	26,0	12	40,0	30011320	81000124	0,010	25
DN29	M40	28,3	13	54,0	30011400	81000125	0,024	10
DN36	M50	36,6	13,5	59,0	30011500	81000126	0,033	8
DN48	M63	50,0	15	66,0	30011630	81000127	0,050	5

	M			IP	
	PVC		-25/+105⁰	44	OK



ETIM: EC001178

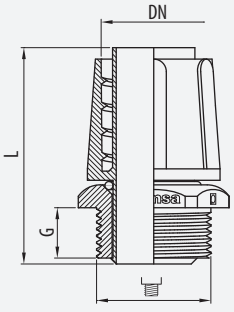
Racor RGp Giratorio

RGp Swivel Connector



DN		G	L		RAL 7001	RAL 7035	kg/u	u
DN 7	PG 7	8	36	18	35010007		0,005	100
DN 9	PG 9	10	39	21	35010009		0,007	100
DN11	PG11	10	42	25	35010011		0,010	50
DN13	PG13	10	44	27	35010013		0,011	50
DN16	PG16	11	47	30	35010016		0,016	25
DN21	PG21	11	52	36	35010021		0,022	25
DN29	PG29	12,5	66	44	35010029		0,043	10
DN36	PG36	12,5	67	54	35010036		0,058	8
DN48	PG48	15	76	69	35010048		0,090	5
DN 9	M16	10	39	21	35011160	35012160	0,006	100
DN11	M20	10	42	25	35011200	35012200	0,008	50
DN13	M20	10	44	25	35011201	35012201	0,009	50
DN16	M25	11	47	30	35011250	35012250	0,013	25
DN21	M32	11	52	36	35011320	35012320	0,018	25
DN29	M40	12,5	66	44	35011400	35012400	0,033	10
DN36	M50	12,5	67	54	35011500	35012500	0,044	8
DN48	M63	15	76	69	35011630	35012630	0,067	5

	M			IP	
	PVC		-25/+105⁰	65	OK

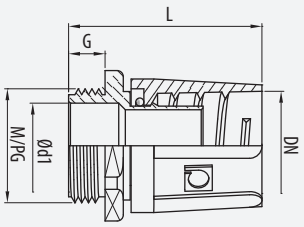


ETIM: EC001178

Racor RGM Giratorio

RGM Swivel Connector





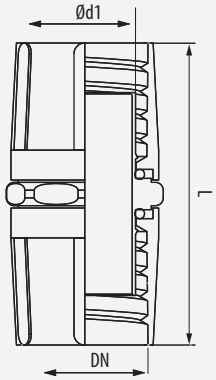
DN		Ød1	G	L		RAL 7000	kg/u	
DN 7	PG 7	7,2	6,0	32,2		35020007	0,014	100
DN 9	PG 9	9,2	6,0	34,0		35020009	0,019	100
DN11	PG11	12,2	7,0	38,6		35020011	0,028	50
DN13	PG13	14,3	7,0	40,1		35020013	0,032	50
DN16	PG16	15,8	8,0	42,2		35020016	0,040	25
DN21	PG21	21,0	8,2	48,5		35020021	0,058	25
DN29	PG29	28,5	10,0	58,4		35020029	0,108	10
DN36	PG36	37,0	13,5	66,1		35020036	0,171	8
DN48	PG48	49,7	16,0	74,2		35020048	0,255	5
DN 7	M12	7,2	6,0	32,2		35021120	0,015	100
DN 9	M16	9,2	6,0	34,0		35021160	0,020	100
DN11	M20	12,2	7,0	38,6		35021200	0,027	50
DN13	M20	14,3	7,0	40,1		35021201	0,032	50
DN16	M25	15,8	8,0	42,2		35021250	0,042	25
DN21	M32	21,0	8,2	48,5		35021320	0,063	25
DN29	M40	28,5	10,0	58,4		35021400	0,109	10
DN36	M50	37,0	13,5	66,1		35021500	0,170	8
DN48	M63	49,7	16,0	74,2		35021630	0,253	5

LN+PA6		-25/+105º	65	OK

Racor RGM Doble

RGM Double Connector





DN	Ød1	L	RAL 7000	kg/u	
DN 7	7,2	48	82002540	0,017	50
DN 9	9,2	52	82002568	0,024	50
DN11	12,2	59	82002569	0,033	25
DN13	14,3	62	82002570	0,04	25
DN16	15,8	64	82002571	0,048	15
DN21	21	76	82002572	0,084	15
DN29	28,5	91	82002573	0,141	5
DN36	37	99	82002574	0,218	4
DN48	49,7	109	82002575	0,269	3

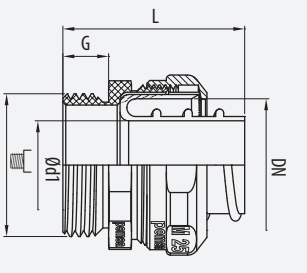
LN+PA6		-25/+105º	65	OK

ETIM: EC001178

Racor RM

RM Connector





DN		Ød1	G	L		LN	kg/u	
DN 7	PG 7	7,5	5	24	18	37020007	0,012	100
DN 9	PG 9	9,3	6	25	20	37020009	0,016	100
DN11	PG11	12,1	6,5	26,1	24	37020011	0,021	100
DN13	PG13	13,6	6	26,1	26	37020013	0,024	50
DN16	PG16	15,5	8,5	31,8	28	37020016	0,029	50
DN21	PG21	20,2	8	33,5	34	37020021	0,045	25
DN29	PG29	26,7	9,5	36,3	45	37020029	0,087	20
DN36	PG36	34,8	10	41	56	37020036	0,173	10
DN48	PG48	45,0	15	54,8	70	37020048	0,299	5
DN 7	M12	7,5	5	24	18	37021120	0,012	100
DN 9	M16	9,3	6	25	20	37021160	0,016	100
DN11	M20	12,1	6,5	26,1	24	37021200	0,021	100
DN13	M20	13,6	7	27,1	26	37021201	0,025	50
DN16	M25	15,5	8	31,8	28	37021250	0,029	50
DN21	M32	20,2	8	33,5	34	37021320	0,045	25
DN29	M40	26,7	8	36,3	45	37021400	0,084	20
DN36	M50	34,8	9	41	56	37021500	0,167	10
DN48	M63	45,0	14	54,8	70	37021630	0,289	5

LN		-25/+90º	54	OK

ETIM: EC001178

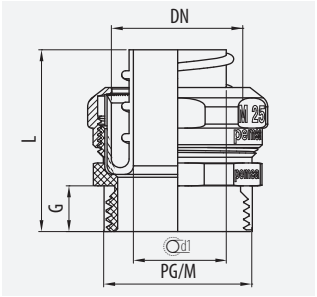
Racor Hembra RMH

RMH Female Coupler



DN		G	Ød1	L		LN	kg/u	u
DN 7	M12	6	7,5	24	18	37041120	0,015	100
DN 9	M16	7	9,3	27	20	37041160	0,02	100
DN11	M20	7,5	12,1	28,6	24	37041200	0,027	100
DN13	M20	8	13,6	29,1	26	37041201	0,032	50
DN16	M25	9	15,5	32,8	28	37041250	0,034	50
DN21	M32	9	20,2	35	34	37041320	0,056	25
DN29	M40	9	26,7	39,3	45	37041400	0,093	20
DN36	M50	10	34,8	40	56	37041500	0,188	10
DN48	M63	15	45	48,8	70	37041630	0,346	5

	M		IP	
	LN	-25/+90º	54	OK



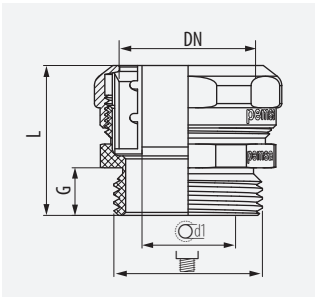
Racor RMM

RMM Coupler



DN		G	Ød1	L		LN	kg/u	u
DN 7	PG 7	5	8	21,5	18	37025007	0,017	100
DN 9	PG 9	6	9,8	22	20	37025009	0,024	100
DN11	PG11	6,5	12,7	22,5	24	37025011	0,033	100
DN13	PG13	6	14,5	23	26	37025013	0,039	50
DN16	PG16	8,5	16,2	26	28	37025016	0,046	50
DN21	PG21	8	21	28	34	37025021	0,071	25
DN29	PG29	9,5	28,6	31	45	37025029	0,141	20
DN36	PG36	10	37,5	38	56	37025036	0,275	10
DN48	PG48	15	48,8	50	70	37025048	0,496	5
DN 7	M12	5	8	21,5	18	37026120	0,017	100
DN 9	M16	6	9,8	22	20	37026160	0,024	100
DN11	M20	6,5	12,7	22,5	24	37026200	0,033	100
DN13	M20	7	14,5	23	26	37026201	0,04	50
DN16	M25	8	16,2	26	28	37026250	0,046	50
DN21	M32	8	21	28	34	37026320	0,071	25
DN29	M40	8	28,6	31	45	37026400	0,138	20
DN36	M50	9	37,5	38	56	37026500	0,269	10
DN48	M63	14	48,8	50	70	37026630	0,486	5

	M		IP	
	LN	-45°/+150°	54	OK



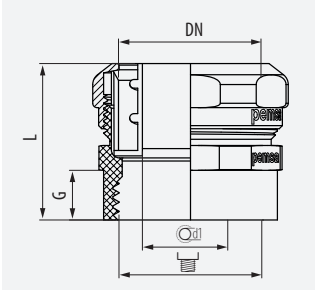
Racor Hembra RMMH

RMMH Female Coupler



m		G	Ød1	L		LN	kg/u	u
DN 7	M12	6	8	22,1	18	37046120	0,019	100
DN 9	M16	7	9,8	24,6	20	37046160	0,027	100
DN11	M20	7,5	12,7	25,1	24	37046200	0,038	100
DN13	M20	8	14,5	25,6	26	37046201	0,045	50
DN16	M25	9	16,2	27,6	28	37046250	0,049	50
DN21	M32	9	21	30,1	34	37046320	0,078	25
DN29	M40	9	28,6	33	45	37046400	0,142	20
DN36	M50	10	37,5	40,5	56	37046500	0,28	10
DN48	M63	15	48,8	51,6	70	37046630	0,523	5

	M		IP	
	LN	-45°/+150°	54	OK



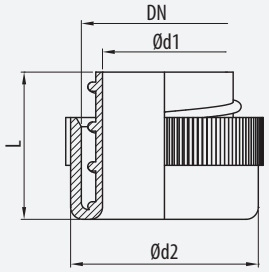
Casquillo RP

RP Plug



DN	Ød1	Ød2	L	RAL 7035	kg/u	u
DN 7	7,5	14,8	16,0	37003107	0,001	100
DN 9	9,3	18,1	18,0	37003109	0,001	100
DN11	12,1	21,9	19,1	37003111	0,002	100
DN13	13,6	24,0	19,1	37003113	0,002	50
DN16	15,5	25,5	21,8	37003116	0,002	50
DN21	20,2	32,2	24,0	37003121	0,004	25
DN29	26,7	42,2	25,3	37003129	0,007	20
DN36	34,8	53,0	30,0	37003136	0,013	10
DN48	45,0	65,7	38,3	37003148	0,022	5

M	°C±	IP	
PP	-25/+90°	54	OK



ETIM: EC000519

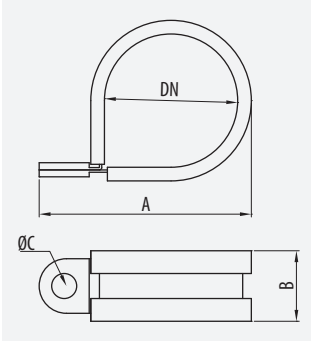
Abrazadera I

Clamp I



DN	A	B	C	EZ	kg/u	u
DN 7	25	12,5	4,2	39095000	0,035	100
DN10	27	12,5	4,2	39095100	0,040	100
DN12	30	12,5	4,2	39095200	0,042	100
DN17	40	15,5	5,5	39095400	0,093	100
DN23	48	15,5	5,5	39095500	0,114	50
DN29	60	18	6,2	39095600	0,233	30
DN36	74	18	6,3	39095700	0,283	20
DN48	86	18,5	6,2	39095800	0,342	20

M	°C±	
AC+NBR	-25/+120°	OK

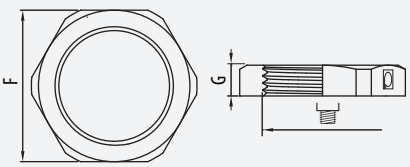


ETIM: EC000464

Tuerca TCP

TCP Nut





	G	F	RAL 7001	RAL 7035	RAL 9005	kg/u	u
PG 7	5	19	40026007	40020007	40024007	0,001	100
PG 9	5	22	40026009	40020009	40024009	0,002	100
PG11	5	24	40026011	40020011	40024011	0,001	100
PG13	6	27	40026013	40020013	40024013	0,002	100
PG16	6	30	40026016	40020016	40024016	0,003	100
PG21	7	36	40026021	40020021	40024021	0,003	100
PG29	7	46	40026029	40020029	40024029	0,006	50
PG36	8	60	40026036	40020036	40024036	0,013	25
PG48	8	70	40026048	40020048	40024048	0,014	25
M12	5	18	40027120	40021120	40025120	0,001	100
M16	5	22	40027160	40021160	40025160	0,001	100
M20	6	26	40027200	40021200	40025200	0,002	100
M25	6	32	40027250	40021250	40025250	0,005	100
M32	7	41	40027320	40021320	40025320	0,005	50
M40	7	50	40027400	40021400	40025400	0,007	25
M50	8	60	40027500	40021500	40025500	0,010	25
M63	8	75	40027630	40021630	40025630	0,016	25

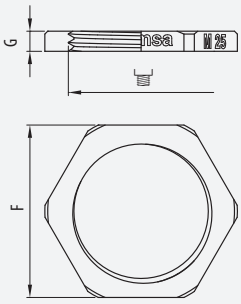
M	°C±	
PA6	-25/+100°	OK

ETIM: EC000129

Tuerca TCM

TCM Nut





	G	F	LN	kg/u	u
PG 7	2,8	15	40010007	0,002	100
PG 9	2,8	18	40010009	0,002	100
PG11	3,0	21	40010011	0,003	100
PG13	3,0	23	40010013	0,003	100
PG16	3,0	26	40010016	0,005	100
PG21	3,5	32	40010021	0,007	100
PG29	4,0	41	40010029	0,013	50
PG36	5,0	51	40010036	0,021	25
PG42	5,0	60	40010042	0,030	25
PG48	5,5	64	40010048	0,034	25

	M		
	LN	-45/+150⁰	OK

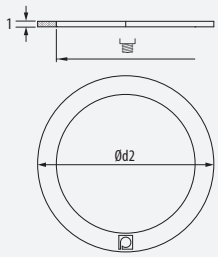
ETIM: E000129

	G	F	LN	kg/u	u
M12	2,8	15	40011120	0,002	100
M16	2,8	19	40011160	0,003	100
M20	3,0	24	40011200	0,004	100
M25	3,5	30	40011250	0,009	100
M32	4,0	36	40011320	0,011	50
M40	5,0	46	40011400	0,019	25
M50	5,0	60	40011500	0,026	25
M63	6,0	70	40011630	0,055	25

Junta Exterior

Flat Ring





	RAL 5024	kg/u	u
PG 7	39092007	0,001	100
PG 9	39092009	0,001	100
PG11	39092011	0,001	100
PG13	39092013	0,001	50
PG16	39092016	0,001	50
PG21	39092021	0,001	50
PG29	39092029	0,001	30
PG36	39092036	0,001	20
PG48	39092048	0,002	10

	M		IP	
	NBR	-25/+105⁰	68	OK

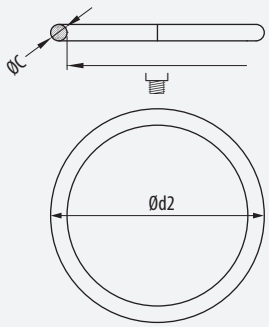
ETIM: EC000098

	RAL 5024	kg/u	u
M12	39092112	0,000	50
M16	39092116	0,000	50
M20	39092120	0,001	50
M25	39092125	0,001	50
M32	39092132	0,001	30
M40	39092140	0,002	10
M50	39092150	0,003	10
M63	39092163	0,002	10

Junta Tórica

O-Ring





	Cd2	C	RAL 9005	kg/u	u
PG 7	9,0	1,5	39096007	0,001	500
PG 9	12,0	1,5	39096009	0,001	500
PG11	16,0	1,5	39096011	0,001	500
PG13	17,2	1,8	39096013	0,001	100
PG16	22,0	2,0	39096016	0,002	500
PG21	29,0	2,0	39096021	0,003	500
PG29	33,0	2,0	39096029	0,004	250
PG36	43,0	2,0	39096036	0,006	100
PG48	55,0	2,0	39096048	0,007	50

	M		IP	
	NBR	4 (-25⁰)/4 (+120⁰)	68	OK

ETIM: EC000098

	Cd2	C	RAL 9005	kg/u	u
M12	9,0	1,5	39096112	0,001	500
M16	12,0	1,5	39096116	0,002	500
M20	17,2	1,8	39096120	0,002	500
M25	22,0	2,0	39096125	0,003	500
M32	29,0	2,0	39096132	0,004	250
M40	35,0	2,0	39096140	0,005	50
M50	43,0	2,0	39096150	0,066	50
M63	55,0	2,0	39096163	0,007	50

Pemsaflex

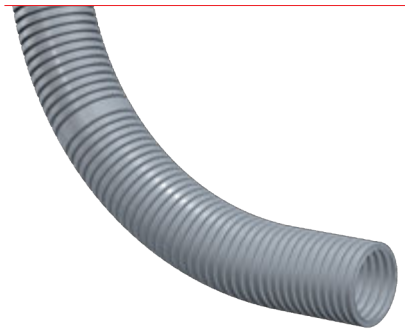
Tubos flexibles para aplicaciones industriales, fotovoltáica y cubiertas solares

Flexible conduits for industrial applications, photovoltaic and solar roofs



Tubo Flexible LG-PA

LG-PA Flexible Conduit





DN	Ød1	Ød2	mm	RAL 7011	RAL 9005	kg/m	m
DN 7	6,8	10,0	15	10042007	10043007	0,022	50
DN10	9,8	13,0	20	10042010	10043010	0,025	50
DN12	12,2	15,8	30	10042012	10043012	0,033	50
DN14	14,6	18,7	35	10042014	10043014	0,052	50
DN17	17,2	21,7	35	10042017	10043017	0,056	50
DN23	23,4	28,5	45	10042023	10043023	0,090	50
DN29	28,6	34,4	50	10042029	10043029	0,122	25
DN36	35,7	42,5	60	10042036	10043036	0,145	25
DN48	48,0	54,7	70	10042048	10043048	0,190	20

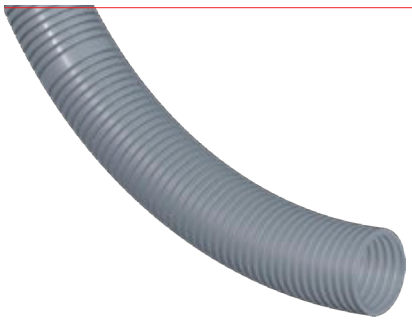
	M	IEC 61386				IP	
	PA6	24234	2 (320N)	4 (6J)	-40º/ +105º	67	OK

ETIM: EC001175



Tubo Flexible ST-PA

ST-PA Flexible Conduit





DN	Ød1	Ød2	mm	RAL 7011	RAL 9005	kg/m	m
DN 7	6,6	10,0	15	10040007	10041007	0,024	50
DN10	9,5	13,0	20	10040010	10041010	0,030	50
DN12	12,0	15,8	30	10040012	10041012	0,040	50
DN14	14,4	18,7	35	10040014	10041014	0,056	50
DN17	16,9	21,7	35	10040017	10041017	0,065	50
DN23	23,3	28,5	45	10040023	10041023	0,105	50
DN29	28,2	34,4	50	10040029	10041029	0,135	25
DN36	35,5	42,5	60	10040036	10041036	0,175	25
DN48	47,7	54,7	70	10040048	10041048	0,240	20

	M	IEC 61386				IP	
	PA6	24234	2 (320N)	4 (6J)	-40º/ +105º	67	OK

ETIM: EC001175



IDEA

Prensaestopas

Cable Gland

IRIS IP 68

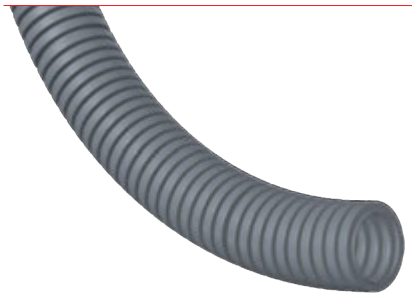
PA6



282

Tubo Flexible RB-PA

RB-PA Flexible Conduit

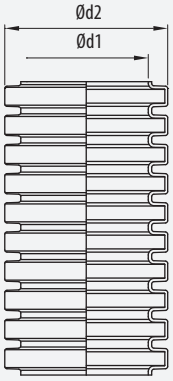


DN	Ød1	Ød2	r mm	RAL 7011	RAL 9005	kg/m	m
DN 7	6,4	10,0	15	10046007	10047007	0,022	100
DN10	9,6	13,0	20	10046010	10047010	0,026	50
DN12	11,8	15,7	25	10046012	10047012	0,035	50
DN17	16,7	21,7	30	10046017	10047017	0,055	50
DN23	21,8	28,3	35	10046023	10047023	0,092	50
DN29	28,1	34,1	40	10046029	10047029	0,120	50
DN36	35,5	42,3	60	10046036	10047036	0,160	30
DN48	46,5	54,5	70	10046048	10047048	0,220	30
DN52	52,4	62,5	125	-	10047052	0,365	30
DN70	69,3	82,5	150	10046070	10047070	0,460	10
DN95	89,0	105,7	170	-	10047095	1,030	10

Bajo pedido, consultar disponibilidad / *On request, check availability*
Bajo pedido / *On request*

	M	IEC 61386				IP	
	PA12	23434	1 (125N)	3 (2J)	-50º/ +105º	67	OK

ETIM: EC001175





Tubo Flexible RB-PU

RB-PU Flexible Conduit

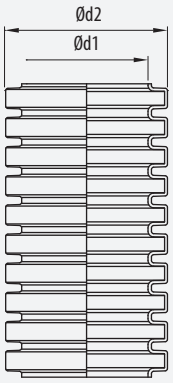


DN	Ød1	Ød2	r mm	RAL 9005	kg/m	m
DN17	15,3	21,6	30	10048017	0,085	50
DN23	21,4	28,4	40	10048023	0,138	50
DN29	27,7	34,1	50	10048029	0,170	50
DN36	35,3	43,2	60	10048036	0,233	30
DN48	46,5	55,0	70	10048048	0,310	30
DN52	52,4	62,4	150	10048052	0,420	30
DN70	69,5	83,4	150	10048070	0,720	30

Bajo pedido / *On request*

	M	IEC 61386				IP	
	PU	15324	1 (125N)	5 (20J)	-20º/ +90º	67	OK

ETIM: EC001175



Tubo Flexible MACROFLEX

MACROFLEX Flexible Conduit

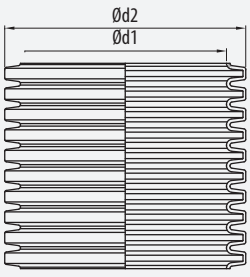


DN	Ød1	Ød2	r mm	RAL 7011	RAL 9005	kg/m	m
DN52	52,1	62,0	155	10060052	10060552	0,365	10
DN70	70	82,5	160	10060070	10060570	0,460	10
DN90	90	106,0	210	10060095	10060595	0,740	10

Bajo pedido / *On request*

	M	IEC 61386				IP	
	PA6	24434	1 (125 N)	3 (2 J)	-40º/ +105º	67	OK

ETIM: EC001175

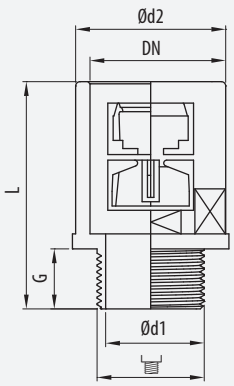




Racor REP

Racor REP





67 con Junta interior

67 with Internal joint

300

DN		Ød1	Ød2	G	L		RAL 7011	RAL 9005	kg/u	u
DN 7	PG 7	7,0	17,5	8,2	34,5	15	31010007	32010007	0,003	50
DN 7	PG 9	7,0	18,5	9,7	36,0	15	31010009	32010009	0,004	50
DN 7	PG11	7,0	21,5	9,7	36,0	15	31010011	32010011	0,005	50
DN 7	PG13	7,0	24,0	9,7	36,0	15	31010013	32010013	0,005	50
DN10	PG 7	8,5	18,0	12,0	36,0	15	31010107	32010107	0,003	50
DN10	PG 9	10,8	20,0	12,0	36,0	15	31010109	32010109	0,003	50
DN10	PG11	11,0	23,5	12,0	36,0	15	31010111	32010111	0,004	50
DN10	PG13	11,0	25,5	12,0	36,0	15	31010113	32010113	0,005	50
DN12	PG 9	11,4	20,8	12,5	36,5	17	31010209	32010209	0,004	50
DN12	PG11	13,1	21,0	12,5	36,5	17	31010211	32010211	0,004	50
DN12	PG13	12,4	23,0	12,5	36,5	17	31010213	32010213	0,005	50
DN17	PG13	12,4	26,5	9,0	37,0	24	36010013	32010413	0,008	50
DN17	PG11	13,7	27,0	12,5	40,5	24	31010411	32010411	0,007	50
DN17	PG13	16,0	27,0	13,0	41,0	24	31010413	32010413	0,007	50
DN17	PG16	15,4	27,0	13,0	41,0	24	31010416	32010416	0,008	50
DN17	PG21	17,5	33,0	12,5	41,5	24	31010421	32010421	0,009	50
DN23	PG16	17,3	35,0	14,0	53,0	32	31010516	32010516	0,015	30
DN23	PG21	22,0	35,0	14,0	53,0	32	31010521	32010521	0,016	30
DN29	PG29	30,2	42,0	14,0	54,0	38	31010629	32010629	0,021	30
DN36	PG29	31,0	52,0	14,0	57,5	46	31010729	32010729	0,027	10
DN36	PG36	38,0	51,5	14,0	57,5	46	31010736	32010736	0,033	10
DN48	PG48	49,0	64,5	14,5	62,0	60	31010848	32010848	0,052	10
DN 7	M12	6,8	18,5	10,0	36,3	15	31012012	32012012	0,003	50
DN 7	M16	7,0	22,5	10,0	36,3	15	31012016	32012016	0,003	50
DN 7	M20	7,0	24,5	10,0	36,3	15	31012020	32012020	0,003	50
DN10	M12	8,0	18,5	9,5	33,5	15	31012112	32012112	0,004	50
DN10	M16	10,8	21,0	12,0	36,2	15	31012116	32012116	0,004	50
DN10	M20	10,9	26,5	12,0	36,5	15	31012120	32012120	0,004	50
DN12	M16	12,1	21,8	9,5	33,5	17	31012216	32012216	0,004	50
DN12	M20	12,8	27,0	12,5	36,5	17	31012220	32012220	0,005	50
DN17	M20	16,0	27,5	13,0	41,0	24	31012420	32012420	0,008	50
DN17	M25	17,9	29,0	12,0	40,0	24	31012425	32012425	0,007	50
DN17	M32	17,8	35,0	12,0	40,0	24	31012432	32012432	0,01	50
DN23	M25	21,0	36,5	14,0	53,0	32	31012525	32012525	0,016	30
DN23	M32	22,7	38,5	14,0	53,0	32	31012532	32012532	0,015	30
DN29	M32	26,9	42,0	14,0	54,0	38	31012632	32012632	0,021	30
DN29	M40	29,0	46,5	14,0	54,0	38	31012640	32012640	0,021	30
DN36	M40	34,3	52,5	14,0	57,5	46	31012740	32012740	0,029	10
DN36	M50	38,3	56,5	14,0	57,5	46	31012750	32012750	0,029	10
DN48	M50	44,2	65,5	14,0	62,0	60	31012850	32012850	0,047	10
DN48	M63	49,5	69,0	13,5	61,0	60	31012863	32012863	0,047	10

Bajo pedido, consultar disponibilidad / *On request, check availability*

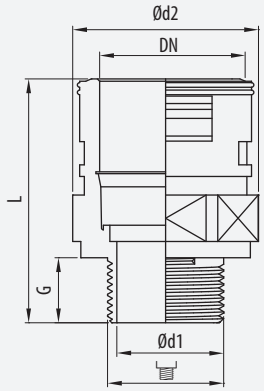
	PA6	-25º/+105º	54	OK

ETIM: EC001176

Racor RREP

RREP Connector







DN		Ød1	Ød2	G	L		RAL 7011	RAL 9005	kg/u	u
DN10	PG 7	8,5	21,1	12,0	36,5	19	31100107	32100107	0,005	50
DN10	PG 9	11,0	21,1	12,0	36,5	19	31100109	32100109	0,005	50
DN10	PG11	10,0	21,1	12,0	36,5	19	31100111	32100111	0,006	50
DN10	PG13	11,0	23,5	12,0	37,0	19	31100113	32100113	0,006	50
DN12	PG 9	11,4	24,0	12,5	38,0	22	31100209	32100209	0,006	50
DN12	PG11	13,1	24,0	12,5	38,0	22	31100211	32100211	0,007	50
DN12	PG13	12,4	24,0	12,5	38,0	22	31100213	32100213	0,007	50
DN17	PG11	15,4	30,4	12,5	42,0	27	31100411	32100411	0,011	50
DN17	PG13	17,5	30,4	13,0	42,5	27	31100413	32100413	0,011	50
DN17	PG16	15,4	30,4	13,0	42,5	27	31100416	32100416	0,011	50
DN17	PG21	17,5	33,0	12,5	42,0	27	31100421	32100421	0,012	50
DN23	PG16	17,3	40,0	14,0	52,5	36	31100516	32100516	0,021	30
DN23	PG21	22,0	40,0	14,0	52,5	36	31100521	32100521	0,021	30
DN29	PG29	30,2	46,0	14,0	53,5	41	31100629	32100629	0,027	30
DN36	PG29	31,0	57,0	14,0	59,0	50	31100729	32100729	0,041	10
DN36	PG36	38,0	57,0	14,0	59,0	50	31100736	32100736	0,065	10
DN48	PG48	49,0	73,0	14,5	64,5	65	31100848	32100848	0,084	10
DN10	M12	8,0	21,1	9,5	34,0	19	31101112	32101112	0,006	50
DN10	M16	10,2	21,1	9,5	34,0	19	31101116	32101116	0,006	50
DN10	M20	10,9	26,5	12,0	37,0	19	31101120	32101120	0,006	50
DN12	M16	12,1	24,0	9,5	35,0	22	31101216	32101216	0,007	50
DN12	M20	12,8	24,0	12,5	38,0	22	31101220	32101220	0,007	50
DN17	M20	16,0	30,4	13,0	42,5	27	31101420	32101420	0,012	50
DN17	M25	17,9	30,4	12,0	41,5	27	31101425	32101425	0,011	50
DN23	M25	17,8	35,5	12,0	41,5	27	31101525	32101525	0,021	30
DN23	M32	22,7	40,0	14,0	52,5	36	31101532	32101532	0,02	30
DN29	M32	26,9	46,0	14,0	53,5	41	31101632	32101632	0,027	30
DN29	M40	29,0	46,5	14,0	53,5	41	31101640	32101640	0,027	30
DN36	M40	34,3	57,0	14,0	59,0	50	31101740	32101740	0,065	10
DN36	M50	38,3	57,0	14,0	59,0	50	31101750	32101750	0,065	10
DN48	M50	44,2	73,0	14,0	64,5	65	31101850	32101850	0,084	10
DN48	M63	49,5	73,0	13,5	63,5	65	31101863	32101863	0,084	10

Bajo pedido, consultar disponibilidad / *On request, check availability*

Bajo pedido / *On request*

	PA6	-25º/+105º	67	OK

ETIM: EC001176

IDEA

HSK-K Prensa-estopas Industriales

Industrial Cable Glands



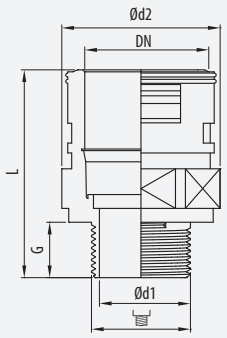
ATEX II 2G 1D

321

Racor PA6

PA6 Connector





ETIM: EC001176



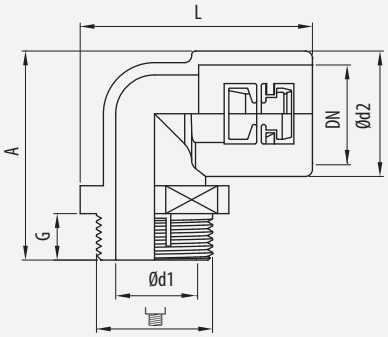
DN		Ød1	Ød2	G	L		RAL 7011	RAL 9005	kg/u	u
DN 7	PG 7	6.9	18.7	11	37	15	31014007	32014007	0,005	100
DN10	PG 7	8	21.7	11	37	18	31014107	32014107	0,005	100
DN10	PG 9	10.3	21.7	11	37	18	31014109	32014109	0,006	100
DN10	PG11	10.6	21.7	11	37	18	31014111	32014111	0,006	100
DN10	PG13	10.6	21.7	11	37	18	31014113	32014113	0,007	100
DN12	PG 9	11.8	26	11	37.5	20	31014209	32014209	0,007	100
DN12	PG11	13.3	26	11	37.5	20	31014211	32014211	0,007	100
DN12	PG13	13	26	11	37.5	20	31014213	32014213	0,007	100
DN17	PG13	15.9	32	13	46	27	31014413	32014413	0,013	100
DN17	PG16	16.6	32	13	46	27	31014416	32014416	0,013	100
DN23	PG21	22.3	39.5	16	55	34	31014521	32014521	0,020	50
DN29	PG29	31.7	46.5	16	59	40	31014629	32014629	0,028	25
DN36	PG36	40.5	55.5	16	61.5	50	31014736	32014736	0,041	10
DN48	PG48	51.7	67.5	16	63.5	62	31014848	32014848	0,054	5
DN 7	M12	6.9	18.7	11	37	15	31015012	32015012	0,004	100
DN10	M12	8	21.7	11	37	18	31015112	32015112	0,006	100
DN10	M16	10.8	21.7	11	37	18	31015116	32015116	0,006	100
DN10	M20	10.5	21.7	11	37	18	31015120	32015120	0,006	100
DN12	M16	10.9	26	11	37.5	20	31015216	32015216	0,007	100
DN12	M20	13	26	11	37.5	20	31015220	32015220	0,008	100
DN17	M20	15.2	32	13	46	27	31015420	32015420	0,013	100
DN17	M25	18.6	32	13	46	27	31015425	32015425	0,014	50
DN23	M25	18.7	39.5	16	55	34	31015525	32015525	0,020	50
DN23	M32	26.8	39.5	16	55	34	31015532	32015532	0,017	25
DN29	M32	25.7	46.5	16	59	40	31015632	32015632	0,029	25
DN29	M40	32.6	46.5	16	59	40	31015640	32015640	0,030	10
DN36	M40	32.7	55.5	16	61.5	50	31015740	32015740	0,041	10
DN36	M50	40.2	55.5	16	61.5	50	31015750	32015750	0,042	5
DN48	M50	43.1	67.5	16	63.5	62	31015850	32015850	0,057	5
DN48	M63	51.4	67.5	16	63.5	62	31015863	32015863	0,058	5

	PA6	-25/+105⁰	67	OK

Racor PA6 90°

PA6 90° Connector





DN		Ød1	Ød2	G	L	A	RAL 7011	RAL 9005	kg/u	u
DN 7	PG 7	8.2	18.7	11	36.3	36.3	31043007	32043007	0,007	75
DN10	PG 9	10.3	21.7	11	37.3	43.8	31043109	32043109	0,009	50
DN12	PG11	13.3	26	11	41	43.8	31043211	32043211	0,014	50
DN14	PG13	15.3	28	11	44	46	31043313	32043313	0,019	50
DN17	PG16	16.6	32	13	51.5	51	31043416	32043416	0,022	40
DN23	PG21	22.4	39.5	16	61.2	64.3	31043521	32043521	0,035	25
DN 7	M12	8.2	18.7	11	36.3	35.7	31044012	32044012	0,008	75
DN10	M16	10.8	21.7	11	37.3	38.5	31044116	32044116	0,010	50
DN12	M16	10.9	26	11	41	43.8	31044216	32044216	0,014	50
DN14	M20	14.7	28	11	44	46	31044320	32044320	0,013	50
DN17	M20	15.2	32	13	51.5	51	31044420	32044420	0,015	40
DN23	M25	18.7	39.5	16	61.2	64.3	31044525	32044525	0,037	25

	PA6	-25/+105⁰	54	OK

ETIM: EC001176



Racor Recto Interior

Female Straight Connector



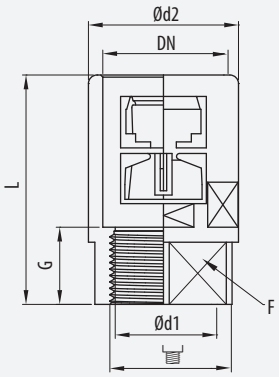


DN		Ød1	Ød2	G	L		RAL 7011	RAL 9005	kg/u	
DN10	PG 9	11	19,0	12,0	36,0	17,0	31020109	32020109	0,004	50
DN12	PG11	13,4	24,8	13,0	37,0	22,0	31020211	32020211	0,005	50
DN17	PG13	17,2	28,5	13,5	39,0	24,0	31020413	32020413	0,009	50
DN17	PG16	17,3	33,2	13,0	39,0	30,0	31020416	32020416	0,008	50
DN23	PG21	21,7	36,0	14,5	52,0	32,0	31020521	32020521	0,017	30
DN29	PG29	30	47,5	18,5	57,0	42,0	31020629	32020629	0,024	30
DN36	PG36	38	59,8	21,0	63,5	54,0	–	32020736	0,039	10
DN48	PG48	48	73,0	21,0	67,5	65,0	31020848	32020848	0,060	10

Bajo pedido, consultar disponibilidad / *On request, check availability*
Bajo pedido / *On request*

	PA6	-25/+105º	54	OK

ETIM: EC001176



Racor RRIP

RRIP Connector



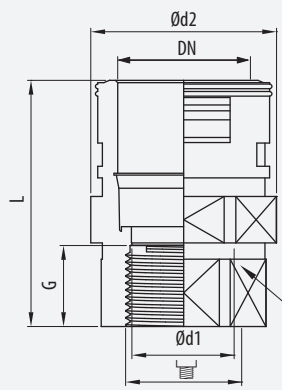


DN		Ød1	Ød2	G	L		RAL 7011	RAL 9005	kg/u	
DN10	PG 7	11,0	21,1	12,0	36,5	17	31110107	32110107	0,006	50
DN12	PG13	13,3	27,0	11,0	38,5	24	31110213	32110213	0,008	50
DN17	PG13	17,2	30,4	13,5	40,5	30	31110413	32110413	0,012	50
DN17	PG16	17,3	33,2	13,0	40,5	30	31110416	32110416	0,011	50
DN29	PG29	30,0	47,5	18,5	56,5	42	31110629	32110629	0,028	30
DN12	M16	12,9	24,0	12,0	37,0	19	31111216	32111216	0,007	50
DN17	N20	18,0	30,4	16,0	43,0	27	31111420	32111420	0,012	50
DN23	M25	22,5	40,0	17,0	53,0	32	31111525	32111525	0,027	30
DN29	M32	30,0	46,0	16,5	53,5	36	31111632	32111632	0,028	30
DN36	M40	38,0	57,0	20,0	63,5	46	31111740	32111740	0,070	10

Bajo pedido, consultar disponibilidad / *On request, check availability*
Bajo pedido / *On request*

	PA6	-25/+105º	67	OK

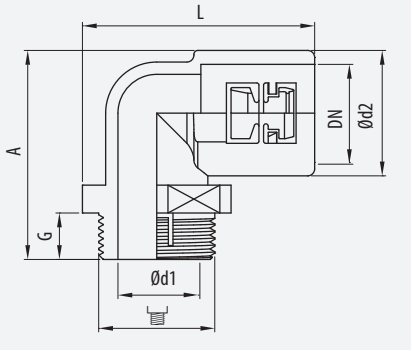
ETIM: EC001176



Racor RA 90°

RA 90° Connector





DN		Ød1	Ød2	G	L	A	RAL 7011	RAL 9005	kg/u	
DN 7	PG 7	7,0	17,2	8,0	44,5	29,6	31040007	32040007	0,006	50
DN10	PG 7	8,4	18,0	10,5	38,3	33,5	31040107	32040107	0,007	50
DN10	PG 9	11,0	18,0	10,5	39,3	33,5	31040109	32040109	0,007	50
DN10	PG11	11,0	18,0	10,5	39,3	33,5	31040111	32040111	0,008	50
DN12	PG 9	11,7	20,8	11,0	42,0	36,5	31040209	32040209	0,009	50
DN12	PG11	13,0	20,8	11,0	43,0	36,5	31040211	32040211	0,009	50
DN12	PG13	15,0	20,8	11,0	43,3	36,5	31040213	32040213	0,008	50
DN17	PG13	16,0	27,0	13,0	47,5	45,0	31040413	32040413	0,013	50
DN17	PG16	17,2	27,0	13,0	47,5	45,0	31040416	32040416	0,013	50
DN23	PG21	22,1	35,0	14,0	65,0	54,0	31040521	32040521	0,023	30
DN29	PG29	30,3	41,8	14,0	73,8	60,9	31040629	32040629	0,036	30
DN36	PG36	38,0	51,0	14,0	86,3	70,0	31040736	32040736	0,062	10
DN48	PG48	49,7	63,8	14,0	102,5	82,3	31040848	32040848	0,095	10
DN 7	M12	6,9	17,2	10,0	44,5	42,8	31042012	32042012	0,009	50
DN 7	M20	7,0	17,2	10,0	47,5	42,8	31042020	32042020	0,009	50
DN10	M16	8,3	21,1	9,0	56,0	37,5	31042116	32042116	0,007	50
DN10	M20	10,0	21,1	9,0	58,0	37,5	31042120	32042120	0,008	50
DN12	M16	7,0	17,2	8,0	44,5	29,6	31042216	32042216	0,009	50
DN12	M20	12,0	23,9	9,0	59,0	41,2	31042220	32042220	0,009	50
DN17	M20	16,0	27,0	13,0	47,5	45,0	31042420	32042420	0,013	50
DN23	M25	20,3	35,0	14,0	65,5	54,0	31042525	32042525	0,026	30
DN29	M32	27,0	41,8	14,0	73,3	60,9	31042632	32042632	0,036	30
DN36	M40	33,5	51,0	14,0	86,3	70,0	31042740	32042740	0,061	10
DN48	M50	42,3	63,8	14,0	102,5	82,3	31042850	32042850	0,094	10

Bajo pedido, consultar disponibilidad / *On request, check availability*

Bajo pedido / *On request*



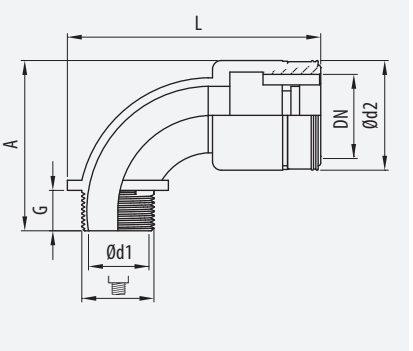
	PA6	-25/+105º	54	OK

ETIM: EC001176

Racor RAP 90°

RAP 90° Connector





DN		Ød1	Ød2	G	L	A	RAL 7011	RAL 9005	kg/u	
DN10	M16	9,9	21,1	11,0	56,0	37,6	31130116	32130116	0,007	50
DN10	M20	9,9	21,1	11,0	59,3	37,6	31130120	32130120	0,008	50
DN12	M16	8,7	24,3	11,0	59,3	41,0	31130216	32130216	0,011	50
DN12	M20	12,0	24,3	11,0	59,3	41,0	31130220	32130220	0,011	50
DN17	M20	14,7	30,4	13,0	68,5	48,2	31130420	32130420	0,017	50
DN17	M25	16,7	30,4	13,5	71,0	48,2	31130425	32130425	0,017	50
DN23	M25	20,1	40,0	14,0	87,8	59,0	31130525	32130525	0,027	30
DN23	M32	22,1	40,0	14,0	88,1	59,0	31130532	32130532	0,027	30
DN29	M32	25,7	46,0	14,0	98,0	66,0	31130632	32130632	0,046	30
DN29	M40	28,6	46,0	14,0	99,0	66,0	31130640	32130640	0,046	30
DN48	M63	49,0	70,0	14,0	134,0	91,5	31130863	32130863	0,122	10

Bajo pedido, consultar disponibilidad / *On request, check availability*

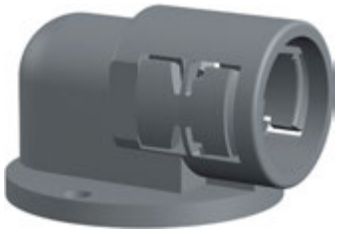
	PA6	-25/+105º	67	OK

ETIM: EC001176



Racor AB 90°

AB 90° Connector

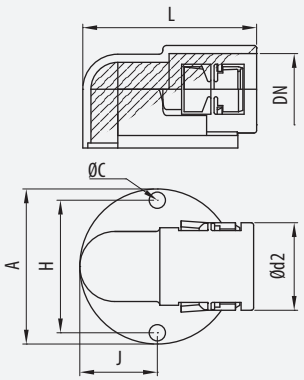


DN	Ød2	L	A	RAL 7011	RAL 9005	kg/u	u
DN17	27,0	51,0	45	31050400	32050400	0,016	30
DN23	35,0	69,5	62	31050500	32050500	0,033	30
DN29	41,8	78,0	67	31050600	32050600	0,048	20
DN36	51,0	103,0	85	31050700	32050700	0,079	10
DN48	63,8	119,5	88	31050800	32050800	0,125	10

Bajo pedido / *On request*

M	±°C	IP	
PA6	-25/+105º	54	OK

ETIM: EC001176



Racor REM

REM Connector

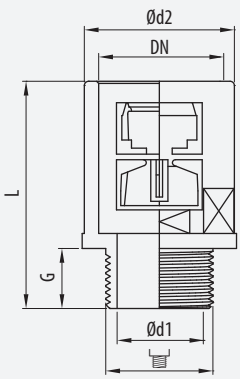


DN		Ød1	Ød2	G	L		RAL 7011	RAL 9005	kg/u	u
DN10	M16	10,8	21,0	12	37,0	15	31013116	32013116	0,009	30
DN10	M20	10,9	25,0	12	37,5	15	31013120	32013120	0,010	30
DN12	M16	10,8	21,0	12	37,5	17	31013216	32013216	0,014	30
DN12	M20	10,6	25,0	12	37,5	17	31013220	32013220	0,014	30
DN17	M20	15,4	27,5	12	40,0	24	31013420	32013420	0,020	30
DN17	M25	17,7	32,0	14	42,0	24	31013425	32013425	0,019	30
DN23	M25	19,7	36,0	14	53,0	32	31013525	32013525	0,037	30
DN23	M32	24,6	39,0	14	53,0	32	31013532	32013532	0,037	30
DN29	M32	25,7	42,0	14	54,0	38	31013632	32013632	0,053	20
DN29	M40	28,7	51,0	14	54,0	38	31013640	32013640	0,055	20
DN36	M50	35,7	60,5	18	63,0	46	31013750	32013750	0,104	10
DN48	M63	46,0	70,0	15,5	66,5	60	31013863	32013863	0,160	10

Bajo pedido, consultar disponibilidad / *On request, check availability*
Bajo pedido / *On request*

M	±°C	IP	
PA6+LN	-25/+105º	54	OK

ETIM: EC001176



Racor RREM

RREM Connector

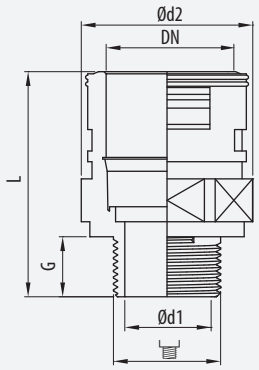


DN		Ød1	Ød2	G	L		RAL 7011	RAL 9005	kg/u	u
DN10	M16	10,8	21,1	12,0	37,5	19	31102116	32102116	0,011	30
DN12	M20	10,6	25,0	12,0	39,0	22	31102220	32102220	0,017	30
DN17	M25	17,7	32,0	14,0	43,5	27	31102425	32102425	0,024	30
DN23	M32	24,6	40,0	14,0	52,5	36	31102532	32102532	0,042	30
DN29	M40	29,0	46,5	14,0	53,5	41	31102640	32102640	0,061	20
DN36	M50	35,7	60,5	18,0	64,5	50	31102750	32102750	0,116	10
DN48	M63	46,0	73,0	15,5	69,0	65	31102848	32102863	0,155	10

Bajo pedido / *On request*

	PA6+LN	-25/+105º	67	OK

ETIM: EC001117



Racor AT

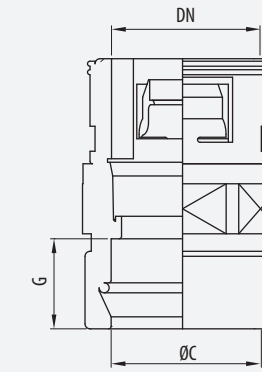
AT Connector



DN		G	RAL 7011	RAL 9005	kg/u	u
DN17	M20	15,0	31151420	32151420	0,034	30
DN17	M25	14,5	31151425	32151425	0,045	30

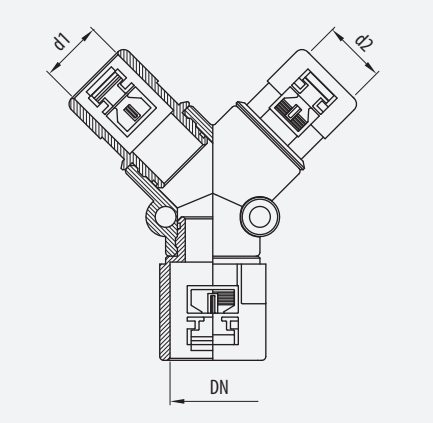
	PA6 / LN	-25/+105º	67	OK

ETIM: EC001176



Derivación DY

DY Derivation



DN	d1	d2	RAL 7011	RAL 9005	kg/u	u
DN10	DN7	DN7	31060100	32060100	0,025	10
DN10	DN10	DN10	31060111	32060111	0,022	10
DN12	DN10	DN10	31060211	32060211	0,023	10
DN17	DN12	DN12	31060422	32060422	0,025	10
DN17	DN17	DN17	31060444	32060444	0,030	10
DN23	DN17	DN17	31060544	32060544	0,090	10

Bajo pedido / *On request*

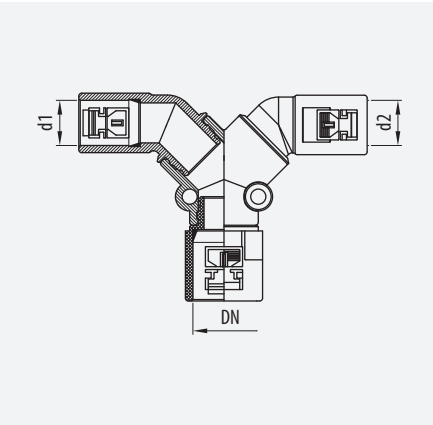
	M		IP	
	PA6	-25 / +105º	54	OK

ETIM: EC002922



Derivación DT

DT Derivation



DN	d1	d2	RAL 7011	RAL 9005	kg/u	u
DN10	DN10	DN10	31065111	32065111	0,027	10
DN12	DN10	DN10	31065211	32065211	0,027	10
DN17	DN12	DN12	31065422	32065422	0,033	10
DN17	DN17	DN17	31065444	32065444	0,040	10
DN29	DN23	DN23	31065655	32065655	0,110	10
DN29	DN29	DN29	31065666	32065666	0,120	10

Bajo pedido / *On request*

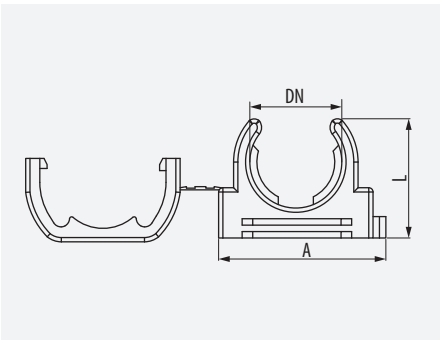
	M		IP	
	PA6	-25/+105º	54	OK

ETIM: EC002922



Soporte Tubo PA6

PA6 Conduit Clips



DN	L	A	RAL 7011	RAL 9005	kg/u	u
DN 7	15	24.5	31094000	32094000	0,005	100
DN10	15	24.5	31094100	32094100	0,005	50
DN12	21	30	31094200	32094200	0,005	50
DN14	24	34	31094300	32094300	0,007	50
DN17	28	39	31094400	32094400	0,008	50
DN23	37	51	31094500	32094500	0,011	25
DN29	45.5	62	31094600	32094600	0,016	25
DN36	55.5	74.5	31094700	32094700	0,019	25
DN48	71	95.5	31094800	32094800	0,029	10

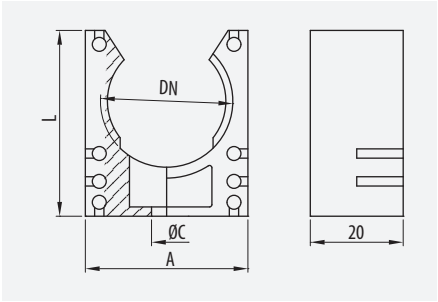
	M		
	PA6	-25/+105º	OK

ETIM: EC002320



Soporte Tubo

Conduit Clips



DN	L	A	RAL 7011	RAL 9005	kg/u	u
DN 7	18	20	31095000	32095000	0,004	100
DN10	23	20	31095100	32095100	0,005	100
DN12	26	22	31095200	32095200	0,006	50
DN14	33	28	31095300	-	0,007	50
DN17	33	28	31095400	32095400	0,008	50
DN23	40	35	31095500	32095500	0,012	50
DN29	45	43	31095600	32095600	0,011	30
DN36	53	54	31095700	32095700	0,016	20
DN48	66	68	31095800	32095800	0,020	20

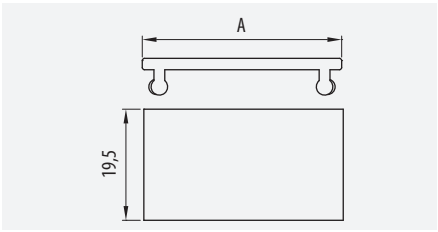
PA6	-25/+105º	OK

ETIM: EC002320



Tapa Soporte

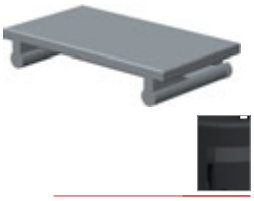
Clip Lid



DN	A	RAL 7011	RAL 9005	kg/u	u
DN7/10	20	31096000	32096000	0,001	100
DN12	22	31096200	32096200	0,001	50
DN14/17	28	31096400	32096400	0,001	50
DN23	35	31096500	32096500	0,001	50
DN29	43	31096600	32096600	0,002	30
DN36	54	31096700	32096700	0,002	20
DN48	68	31096800	32096800	0,003	20

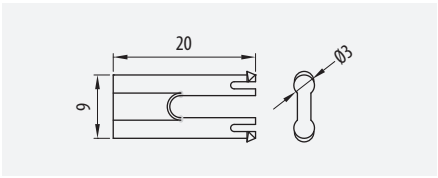
PA6	-25/+105º	OK

ETIM: EC000455



Clip Union

Joint Clip



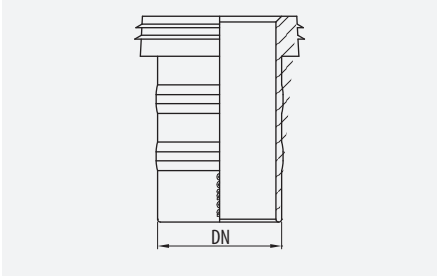
RAL 7011	RAL 9005	kg/u	u
31097500	32097500	0,001	100

PA6	-25/+105º	OK



Terminal Protector

End Protector



DN	Ref	kg/u	u
DN10	39098100	0,001	50
DN12	39098200	0,001	50
DN17	39098400	0,002	50
DN23	39098500	0,003	50
DN29	39098600	0,005	30
DN36	39098700	0,007	10
DN48	39098800	0,012	10

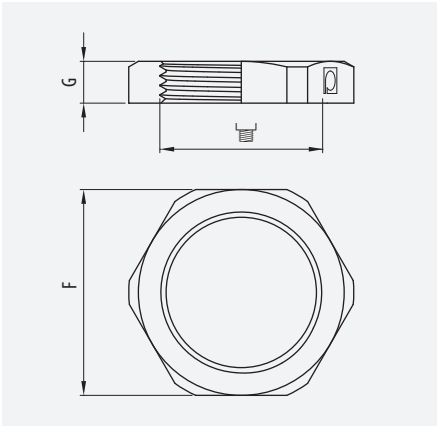
PE	-25/+60º	OK

ETIM: EC000519



Tuerca TCP

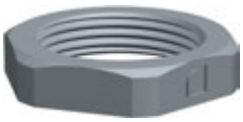
TCP Nut





	G		RAL 7001	RAL 9005	kg/u	
PG 7	5	19	40026007	40024007	0,001	100
PG 9	5	22	40026009	40024009	0,002	100
PG11	5	24	40026011	40024011	0,001	100
PG13	6	27	40026013	40024013	0,002	100
PG16	6	30	40026016	40024016	0,003	100
PG21	7	36	40026021	40024021	0,003	100
PG29	7	46	40026029	40024029	0,006	50
PG36	8	60	40026036	40024036	0,013	25
PG48	8	70	40026048	40024048	0,014	25
M12	5	18	40027120	40025120	0,001	100
M16	5	22	40027160	40025160	0,001	100
M20	6	26	40027200	40025200	0,002	100
M25	6	32	40027250	40025250	0,005	100
M32	7	41	40027320	40025320	0,005	50
M40	7	50	40027400	40025400	0,007	25
M50	8	60	40027500	40025500	0,010	25
M63	8	75	40027630	40025630	0,016	25

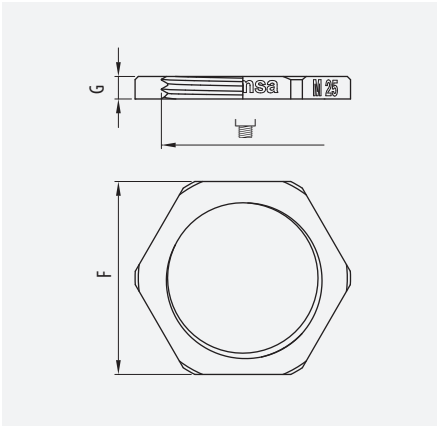
	PA6	-25/+105º	OK



ETIM: EC000129

Tuerca TCM

TCM Nut



	G		LN	kg/u	
PG 7	2,8	15	40010007	0,002	100
PG 9	2,8	18	40010009	0,002	100
PG11	3,0	21	40010011	0,003	100
PG13	3,0	23	40010013	0,003	100
PG16	3,0	26	40010016	0,005	100
PG21	3,5	32	40010021	0,007	100
PG29	4,0	41	40010029	0,013	50
PG36	5,0	51	40010036	0,021	25
PG42	5,0	60	40010042	0,030	25
PG48	5,5	64	40010048	0,034	25
M12	2,8	15	40011120	0,002	100
M16	2,8	19	40011160	0,003	100
M20	3,0	24	40011200	0,004	100
M25	3,5	30	40011250	0,009	100
M32	4,0	36	40011320	0,011	50
M40	5,0	46	40011400	0,019	25
M50	5,0	60	40011500	0,026	25
M63	6,0	70	40011630	0,055	25

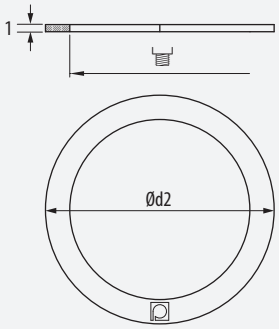
	LN	-45/+150º	OK



ETIM: EC000129

Junta Exterior

Flat Ring



	RAL 5024	kg/u	
PG 7	39092007	0,001	100
PG 9	39092009	0,001	100
PG11	39092011	0,001	100
PG13	39092013	0,001	50
PG16	39092016	0,001	50
PG21	39092021	0,001	50
PG29	39092029	0,001	30
PG36	39092036	0,001	10
PG48	39092048	0,002	10
M12	39092112	0,000	50
M16	39092116	0,000	50
M20	39092120	0,001	50
M25	39092125	0,001	50
M32	39092132	0,001	30
M40	39092140	0,002	10
M50	39092150	0,003	10
M63	39092163	0,002	10

	NBR	-25/+105º	67	OK

ETIM: EC000098



Junta Interior

Internal Joint



DN	RAL 9010	kg/u	
DN7	39091000	0,001	50
DN10	39091100	0,001	50
DN12	39091200	0,001	50
DN17	39091400	0,001	50
DN23	39091500	0,001	30
DN29	39091600	0,001	30
DN36	39091700	0,001	10
DN48	39091800	0,001	10

	PET	-25/+105º	67	OK

ETIM: EC000098



IDEA

Plastic RAL 7035



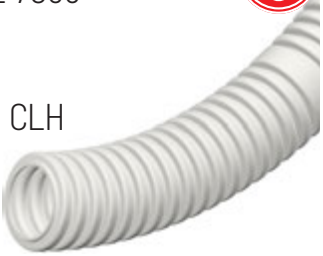
RLH

RPVC

Gama completa
Gris claro RAL 7035

Full range
Light Grey RAL 7035

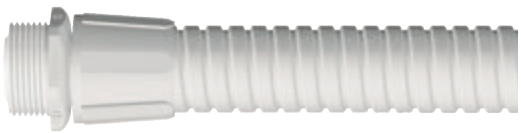
CLH



TFA



TM-PVC



IEC 61386

260, 233

Protector de Tubo

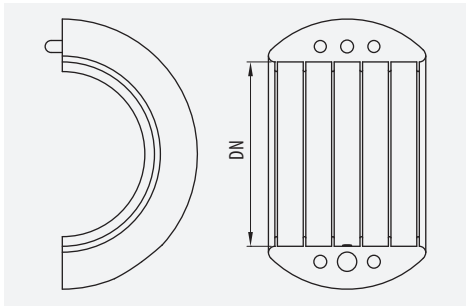
Conduit Protector



DN	RAL 9005	kg/u	
DN36	33100036	0,049	10
DN48	33100048	0,06	10
DN52	33100052	0,073	10
DN70	33100070	0,132	10

PA12	-25/+90º	OK

ETIM: EC000127



Soporte Medio

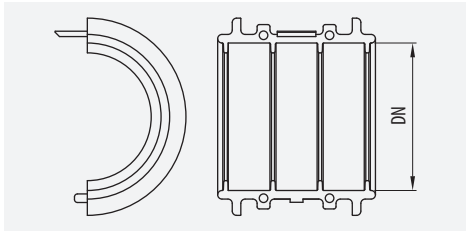
Medium Support



DN	RAL 9005	kg/u	
DN36	33110036	0,043	10
DN48	33110048	0,035	10
DN52	33110052	0,027	10
DN70	33110070	0,027	10

PA12	-25/+90º	OK

ETIM: EC000127



Soporte Final

Final Support

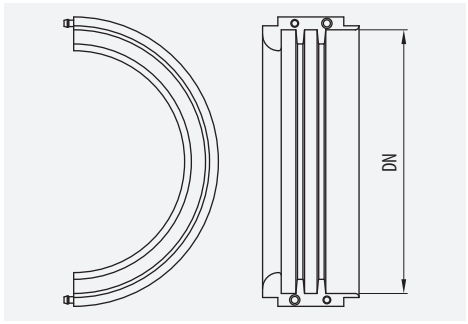


DN	RAL 9005	kg/u	
DN70	33110170	0,038	10

PA12	-25/+90º	OK

Sur demande

ETIM: EC000127



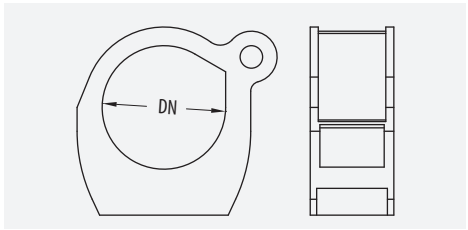
Abrazadera

Grip Clamp



DN	RAL 9005	kg/u	
DN52	33120052	0,075	10
DN70	33120070	0,175	10

PA12	-25/+90 º	OK



Abrazadera S

S Jaw Comb

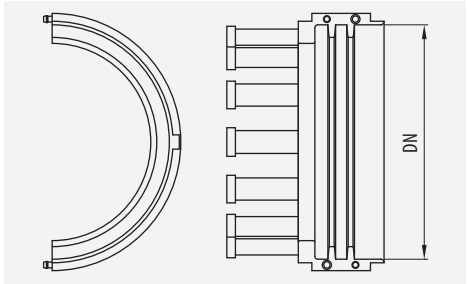


DN	RAL 9005	kg/u	
DN70	33130070	0,001	10

PA12	-25/+90 º	OK

Sur demande

ETIM: EC000464



Racor Recto

Straight Connector

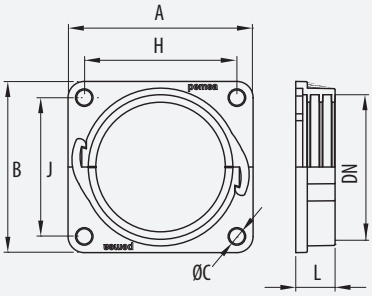
DN	L	A	RAL 7011	RAL 9005	kg/u	u
DN52	17	74	33010052	33050052 ⎙	0,022	10
DN70	21	103	33010070	33050070 ⎙	0,023	10
DN95	28	130	33010095	33050095 ⎙	0,043	10

⎙ Bajo pedido / *On request*

	PA6	-25/+105º	IP 54	OK

ETIM: EC001176





Angular Recto

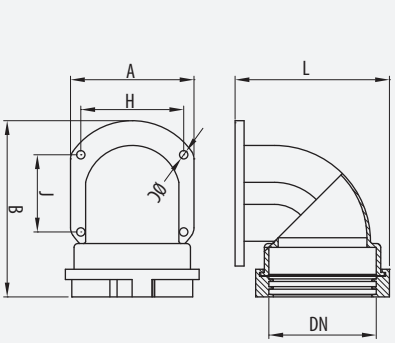
Straight Angle

DN	RAL 7011	RAL 9005	kg/u	u
DN70	33020070	33060070	0,165	10
DN95	33020095	33060095	0,165	10

	PA6	-25/+105º	OK

ETIM: EC000936





Angular Giratorio

Swivel Angle

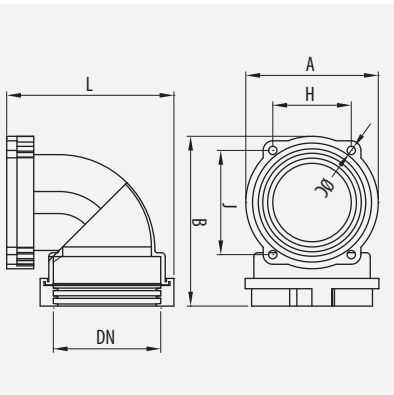
DN	RAL 7011	RAL 9005	kg/u	u
DN70	33030070 ⎙	33070070 ⎙	0,165	10
DN95	33030095 ⎙	33070095 ⎙	0,165	10

⎙ Sur demande

	PA6	-25/+105º	OK

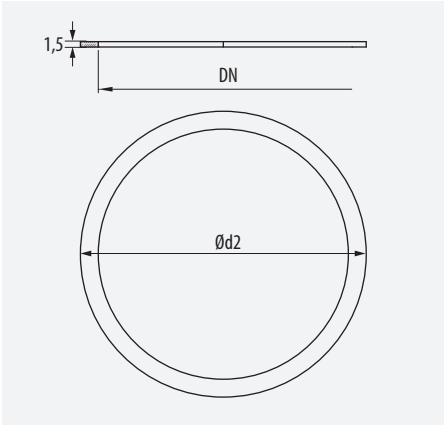
ETIM: EC000936





Junta de Estanqueidad I

Fibre Washer I



DN	RAL 9005	kg/u	u
DN70	33090070	0,001	10
DN95	33090095	0,001	10

Bajo pedido / *On request*

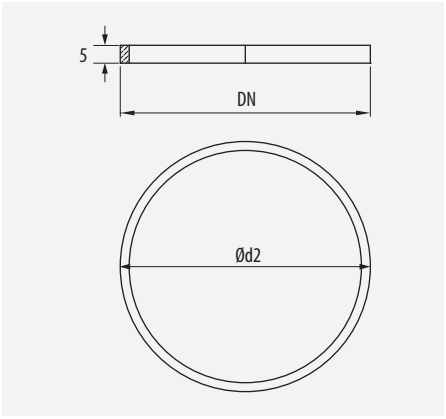
	M		IP	
	NBR	-25/+90º	65	OK

ETIM: EC000098



Junta de Estanqueidad II

Fibre Washer II



DN	RAL 9005	kg/u	u
DN70	33090170	0,001	10
DN95	33090195	0,001	10

Sur demande

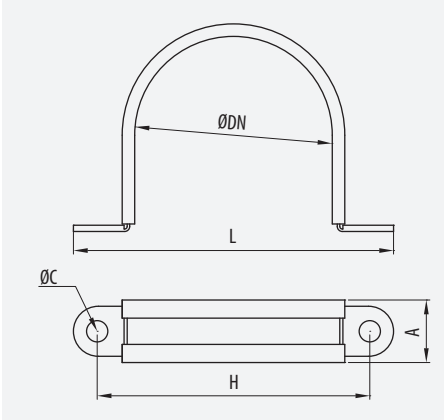
	M		IP	
	NBR	-25/+90º	65	OK

ETIM: EC000098



Abrazadera II

Clip II



DN	L	A	EZ	kg/u	u
DN70	131	25	33090270	0,058	10
DN95	150	25	33090295	0,074	10

	M	
	AC+NBR	OK

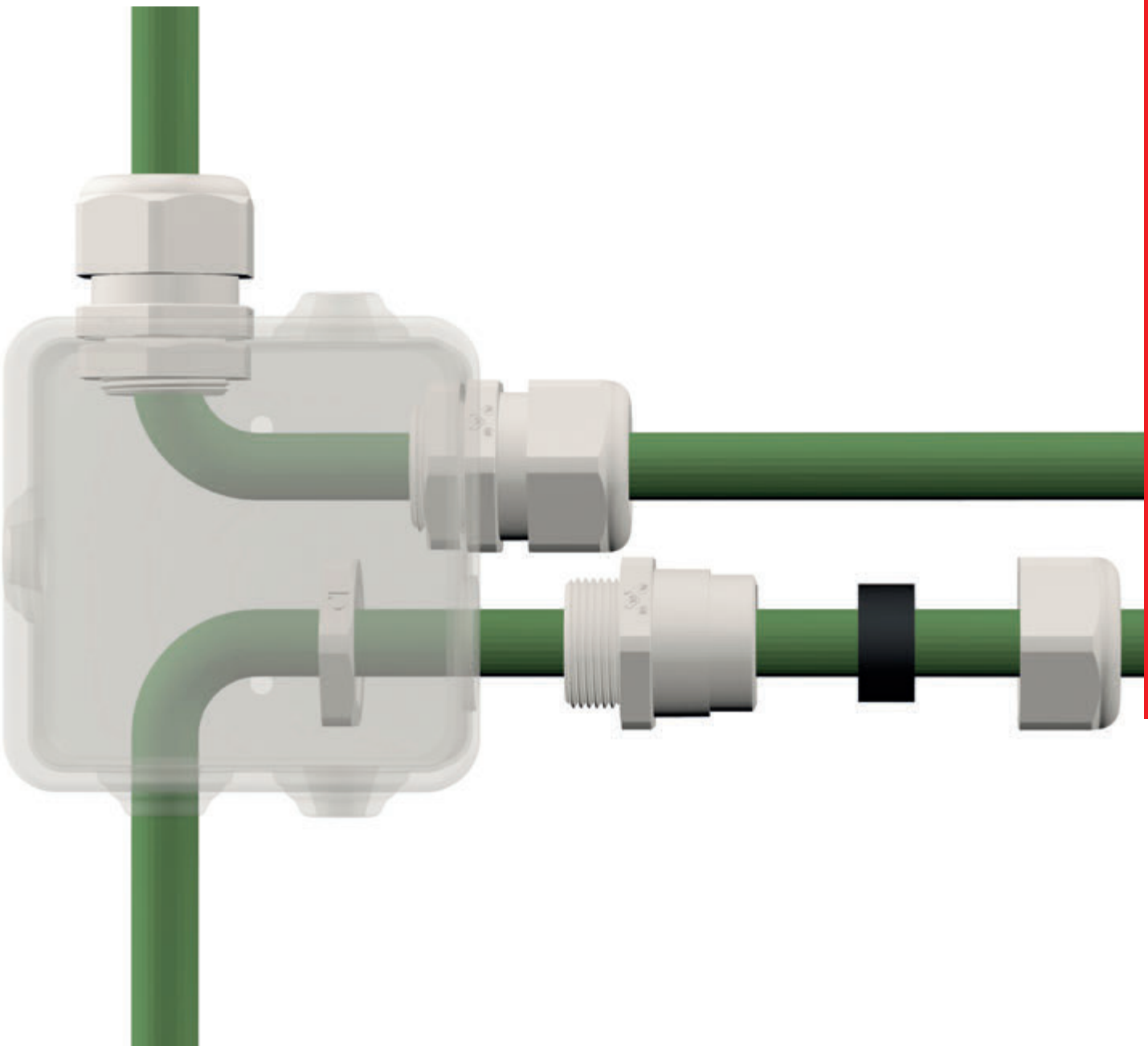
ETIM: EC000464



Prensaestopas

Prensaestopas y accesorios plásticos y metálicos

Range of Cable Glands



pemsa

Gama de Prensaestopas. Guía de selección

Range of Cable Glands. Selection guide

Prensaestopas Plásticos / Plastic Cable Glands

Denominación *Ranges*	HEXADIN-P	IRIS-P IRIS-P LONG	IRIS-P FLEX IRIS-P FLEX LONG	IRIS-P IP Inserto Plano	IRIS-P IMC Inserto Multi cable	IRIS-P IA Inserto Abierto
Prensaestopa *Cable Gland*						
Características / *Features*						
	Poliamida / *Polyamide*					
Junta / *Joint*	TPV	TPV	TPV	TPV	TPV	TPV
M	M12-M40	M12-M63	M12-M25	M16-M32	M20-M25	M20-M25
PG	PG7-PG36	PG7-PG48	PG07-PG21	PG09-PG21	PG13-PG21	PG13-PG21
DN Ø	3,5 / 32	3,0 / 44,0	3,0 / 18	2x3 - 16x3 cables	5	5
	-20 ºC / +100 ºC					
	Alta / *High*	Muy Alta/*Very High*				
	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK
	RAL 7035	RAL 7035 RAL 7031 RAL 9005	RAL 7035 RAL 7031 RAL 9005	RAL 7035 RAL 7031 RAL 9005	RAL 7035 RAL 7031 RAL 9005	RAL 7035 RAL 7031 RAL 9005
	IP54	IP68 - 5 bar	IP65	IP65	IP65	IP65
Homologaciones / *Approvals*						
	CE UK CA IEC 62444 RoHS	CE UK CA IEC 62444 RoHS UL	CE UK CA IEC 62444 RoHS			
Aplicaciones / *Applications*						
Tertiary	●	●	●	●	●	●
Petrochemical Industry						
Railway app.		●	●	●	●	●
Energy		●	●	●	●	●
Photovoltaic/ Energy		●	●	●	●	●
Food Industry						
	310	310	311	312	312	313

Gama de Prensaestopas. Guía de selección

Range of Cable Glands. Selection guide

Prensaestopas Metálicos / Metal Cable Glands

HEXADIN -M HEXADIN -M LONG	IRIS-M IRIS-M LONG	IRIS-M EMC	IRIS-M H.TEMP	IRIS-M XL	IRIS-M FLEX	IRIS-M IP-IMC-IA	IRIS-M INOX
							
Características / *Features*							
Latón Niquelado / *Nickel-Plated Brass*							304
Neopreno	NBR	TPV	SILICONE	TPV	TPV	TPV	TPV
M12-M63	M12-M63	M12-M63	M12-M63	M63-M90	M12-M32	M12-M63	M12-M63
PG7-PG36	PG7-PG36	PG07-PG48	PG07-PG48	-	PG07-PG21	PG09-PG29	PG07-PG48
4,0 / 46,0	3,0 / 48,0	3,5 / 44	3,5 / 44	45 / 70	4 / 18	7x13-14x45 mm 2x3/16x3 cables 5mm	3,5 / 44
-25 ºC / +60 ºC	-40 ºC / +100 ºC	-20 ºC / +100 ºC	-60 ºC / +180 ºC	-20 ºC / +100 ºC		-40 ºC / +100 ºC	-20 ºC / +100 ºC
Alta/*High*	Muy Alta/*Very High*	Alta / *High*					
OK	OK	OK	OK	OK	OK	OK	OK
OK	OK	OK	OK	OK	OK	OK	OK
	OK	OK	OK	OK	OK	OK	OK
Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal
IP54	IP68 - 5 bar	IP68 - 5 bar	IP68 - 5 bar	IP68 - 5 bar	IP68 - 5 bar	IP68 - 5 bar	IP68 - 5 bar
Homologaciones / *Approvals*							
CE UK CA IEC 62444 RoHS	CE UK CA IEC 62444 RoHS UL	CE UK CA IEC 62444 RoHS					
Aplicaciones / *Applications*							
●	●	●	●			●	●
			●	●	●		
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	●	●		●	●	●	●
				●	●		
313	314	315	315	316	316	317 - 318	318

pemsa

Gama de Prensaestopas. Guía de selección

Range of Cable Glands. Selection guide

Prensaestopas Ventilados / Ventilated Cable Glands

Denominación *Ranges*	IRIS -P AIR	IRIS -M AIR IRIS-M AIR LONG	IRIS -M AIR INOX IRIS-M AIR INOX LONG	TPK AIR	TPM AIR	TPM AIR INOX
Prensaestopa *Cable Gland*						
Características / *Features*						
Material	Poliamida / *Polyamide*	Latón Niquelado / *Nickel-Plated Brass*	AISI 304	Poliamida / *Polyamide*	Latón Niquelado / *Nickel-Plated Brass*	AISI 304
Junta / *Joint*	TPV	TPV	TPV	NBR	NBR	NBR
M	M12-M16	M12-M20	M12-M16	M12	M12	M12
PG	PG07-PG09	PG07-PG13	PG07-PG13	-	-	-
DN Ø	4 / 10	4 / 12	4 / 12	Intrusion a agua (mbar) 0.8, 0.5, 0.2, 0.1		
	-20 ºC / +100 ºC					
	Alta/*High*					
	70	70	70	16, 25, 150, 300	16, 25, 150, 300	16, 25, 150, 300
	OK	OK	OK			
	OK	OK	OK	OK	OK	OK
	RAL 7035 RAL 9005	Metal	Metal	RAL 7035 RAL 9005	Metal	Metal
	IP68	IP68	IP68	IP68	IP68	IP68
Homologaciones / *Approvals*						
	CE UK CA IEC 62444 RoHS	CE UK CA IEC 62444 RoHS	CE UK CA IEC 62444 RoHS	CE UK CA IEC 62444 RoHS	CE UK CA IEC 62444 RoHS	CE UK CA IEC 62444 RoHS
Aplicaciones / *Applications*						
Tertiary				●	●	
Petrochemical Industry	●	●	●	●	●	●
Railway app.	●	●	●	●	●	●
Energy	●	●	●	●	●	●
Photovoltaic/ Energy	●	●	●	●	●	●
Food Industry	●	●	●			●
	319	319	319	320	320	320

Gama de Prensaestopas. Guía de selección

Range of Cable Glands. Selection guide

Prensaestopas Metálicos / Metal Cable Glands

HSK-K	HSK-K-EX	HSK-M	HSK-MZ	HSK-M-EMV-D	HSK-INOX / HD	Denominación *Ranges* / Prensaestopa *Cable Gland*
						

Características / *Features*

Poliamida / *Polyamide*		Latón Niquelado / *Nickel-Plated Brass*			304	Ⓜ
NBR	NBR	NBR	NBR	NBR	NBR	Ⓜ Junta / *Joint*
M12-M63	M12-M63	M12-M63	M12-M63	M12-M63	M12-M40	M
PG7-PG48	PG7-PG48	-	-	-	-	PG
3,0 / 44,0	3,0 / 44,0	3,0 / 44,0	3,0 / 44,0	3,0 / 44,0	3,0 / 32,0	DN Ø
-40ºC / +100ºC						
Muy Alta / *Very High*						UV
V0 according to UL94	V0 according to UL94	V0 according to UL94	V0 according to UL94	V0 according to UL94	V0 according to UL94	
OK	OK	OK	OK	OK	OK	HF
OK	OK	OK	OK	OK	OK	
RAL 7035 RAL 9005	RAL 5012 RAL 9005	Metal	Metal	Metal	Metal	
IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)	IP68 (10 bares)	IP

Homologaciones / *Approvals*

Aplicaciones / *Applications*

		●				Tertiary
●	●		●	●	●	Petrochemical Industry
●			●	●		Railway app.
●			●	●	●	Energy
●		●				Photovoltaic/ Energy
					●	Food Industry
321	322	321	323	323	324	

pemsa

Prensaestopas HEXADIN-P

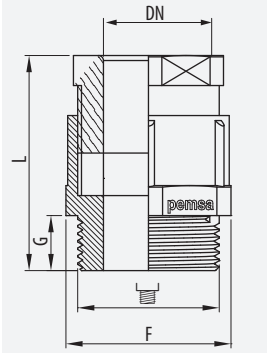
HEXADIN-P Cable Gland



DN		G	L		RAL 7035	kg/u	
3,5/ 6	PG 7	8	29	15	20010007	0,004	50
4,5/ 7	PG 9	8	30	19	20010009	0,006	50
6/ 9	PG11	8	30	22	20010011	0,008	50
9/12	PG13	9	35	24	20010013	0,009	50
11/14	PG16	10	38	27	20010016	0,011	50
14/18	PG21	11	43	33	20010021	0,019	50
18/25	PG29	11	46	42	20010029	0,034	25
25/32	PG36	13	62	53	20010036	0,061	10
3,5/ 6	M12	8	29	15	20011120	0,004	50
4,5/ 7	M16	8	30	19	20011160	0,006	50
6/ 9	M16	8	30	22	20011161	0,008	50
9/12	M20	9	35	24	20011200	0,009	50
11/14	M20	10	38	27	20011201	0,011	50
14/18	M25	11	43	33	20011250	0,019	50

	PA6+NBR	-25º/+60°	54	OK

ETIM:EC000441

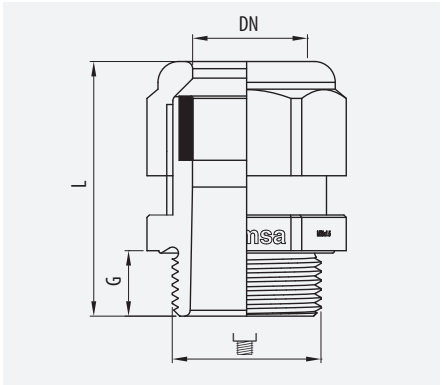


Prensaestopas IRIS-P

IRIS-P Cable Gland







DN		G	L		RAL 7035	RAL 7001	RAL 9005	kg/u	
3/6,5	PG 7	8	32	15	21040007	21060007	21050007	0,003	50
4/ 8	PG 9	8	36	19	21040009	21060009	21050009	0,005	50
5/10	PG11	8	37	22	21040011	21060011	21050011	0,008	50
6/12	PG13	9	38	24	21040013	21060013	21050013	0,010	50
10/14	PG16	9	42	27	21040016	21060016	21050016	0,013	50
13/18	PG21	11	49	33	21040021	21060021	21050021	0,021	50
18/25	PG29	11	52	42	21040029	21060029	21050029	0,036	25
22/32	PG36	13	64	53	21040036	21060036	21050036	0,064	10
30/38	PG42	13	66	60	21040042	21060042	21050042	0,078	5
34/44	PG48	14	69	65	21040048	21060048	21050048	0,089	5
3/ 6,5	M12	8	32	15	21041120	21061120	21051120	0,003	50
4/ 8	M16	8	36	19	21041160	21061160	21051160	0,006	50
5/10	M16	10	39	22	21041161	21061161	21051161	0,006	50
6/12	M20	10	39	24	21041200	21061200	21051200	0,010	50
10/14	M20	10	43	27	21041201	21061201	21051201	0,010	50
13/18	M25	10	48	33	21041250	21061250	21051250	0,021	50
18/25	M32	10	51	42	21041320	21061320	21051320	0,039	25
22/32	M40	10	61	53	21041400	21061400	21051400	0,078	10
32/38	M50	18	71	60	21041500	21061500	21051500	0,100	5
37/44	M63	18	73	70	21041630	21061630	21051630	0,140	5

	PA 6+TPV	-20°/+100°	68	OK

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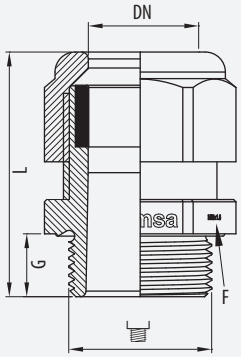
Prensaestopas IRIS-P Long

IRIS-P Long Cable Gland



DN		G	L		RAL 7035	kg/u	
3/6,5	PG7	24	15	15	21044007	0,004	100
4/8	PG9	28	15	19	21044009	0,007	100
5/10	PG11	29	15	22	21044011	0,008	100
6/12	PG13	29	15	24	21044013	0,010	100
10/14	PG16	33	15	27	21044016	0,013	100
13/18	PG21	38	15	33	21044021	0,022	50
3/6,5	M12	24	15	15	21045120	0,005	100
4/8	M16	28	15	19	21045160	0,011	100
5/10	M16	29	15	22	21045161	0,009	100
6/12	M20	29	15	24	21045200	0,011	100
10/14	M20	33	15	27	21045201	0,014	100
13/18	M25	38	15	33	21045250	0,022	50
18/25	M32	41	18	42	21045320	0,038	25
22/32	M40	51	18	53	21045400	0,070	10

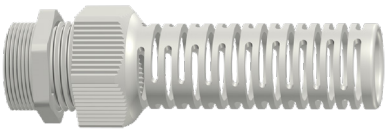
PA 6+TPV		-20°/+100°	68	OK

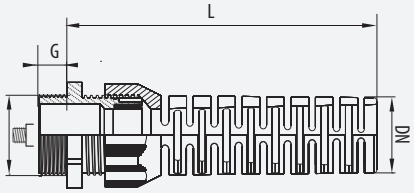


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Prensaestopas IRIS-P FLEX

IRIS-P FLEX Cable Gland





DN		G	L		RAL 7035	RAL 9005	kg/u	
3/6,5	PG7	57	8	15	21046007	21056007	0,004	100
4/8	PG9	70	8	19	21046009	21056009	0,007	100
5/10	PG11	81	8	22	21046011	21056011	0,011	100
6/12	PG13	89	9	24	21046013	21056013	0,014	100
10/14	PG16	107	9	27	21046016	21056016	0,021	100
13/18	PG21	124	11	33	21046021	21056021	0,034	50
3/6,5	M12	57	8	15	21047120	21057120	0,004	100
4/8	M16	70	8	19	21047160	21057160	0,008	100
5/10	M16	81	10	22	21047161	21057161	0,011	100
6/12	M20	89	10	24	21047200	21057200	0,015	100
10/14	M20	107	10	27	21047201	21057201	0,020	100
13/18	M25	124	10	33	21047250	21057250	0,035	50

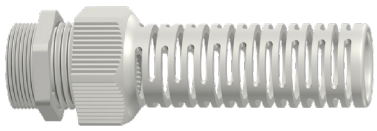
Bajo pedido, consultar disponibilidad / *On request, check availability*

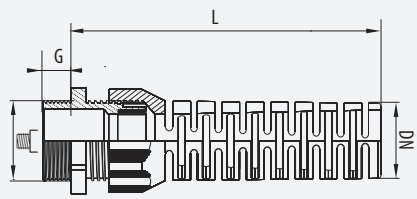
PA 6+TPV	-20°/+100°	68	OK

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Prensaestopas IRIS-P FLEX Long

IRIS-P FLEX Long Cable Gland





DN		G	L		RAL 7035	RAL 9005	kg/u	
3/6,5	PG7	57	15	15	21048007	21058007	0,006	100
4/8	PG9	70	15	19	21048009	21058009	0,009	100
5/10	PG11	81	15	22	21048011	21058011	0,011	100
6/12	PG13	89	15	24	21048013	21058013	0,017	100
10/14	PG16	107	15	27	21048016	21058016	0,023	100
13/18	PG21	124	15	33	21048021	21058021	0,037	50
3/6,5	M12	57	15	15	21049120	21059120	0,006	100
4/8	M16	70	15	19	21049160	21059160	0,009	100
5/10	M16	81	15	22	21049161	21059161	0,012	100
6/12	M20	89	15	24	21049200	21059200	0,016	100
10/14	M20	107	15	27	21049201	21059201	0,022	100
13/18	M25	124	15	33	21049250	21059250	0,037	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

PA 6+TPV	-20°/+100°	68	OK

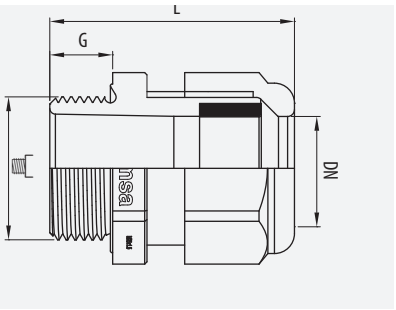
ETIM:EC000441

Prensaestopas IRIS-P IP Inserto Plano

IRIS-P IP Flat Insert Gland







			G	L		RAL 7035	RAL 9005	RAL 7001	kg/u	
7	13	PG16	9	42	27	21140016	21150016	21160016	0,015	50
7	15	PG21	11	49	33	21140021	21150021	21160021	0,024	50
8	22	PG29	11	52	42	21140029	21150029	21160029	0,046	25
10	28	PG36	13	64	53	21140036	21150036	21160036	0,076	10
12	33	PG42	13	66	60	21140042	21150042	21160042	0,092	5
14	45	PG48	14	69	65	21140048	21150048	21160048	0,105	5
7	13	M20	10	43	27	21141201	21151201	21161201	0,012	50
7	15	M25	10	48	33	21141250	21151250	21161250	0,024	50
8	22	M32	10	51	42	21141320	21151320	21161320	0,049	25
10	28	M40	10	61	53	21141400	21151400	21161400	0,09	10
12	33	M50	18	71	60	21141500	21151500	21161500	0,114	5
14	45	M63	18	73	70	21141630	21151630	21161630	0,156	5

PA 6+TPV	-20°/+100°	65	OK

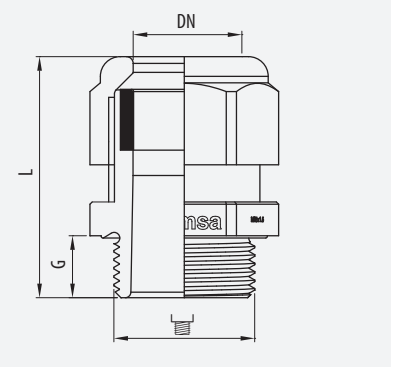
ETIM:EC000441

Prensaestopas IRIS-P IMC Inserto MultiCable

IRIS-P IMC Multicable Insert Gland







PA 6+TPV	-20°/+100°	65	OK

ETIM:EC000441

			G	L		RAL 7035	RAL 9005	RAL 7001	kg/u	
2	3	PG 9	8	36	19	21240009	21250009	21260009	0,006	50
2	4	PG11	8	37	22	21240011	21250011	21260011	0,009	50
2	3	M16	8	36	19	21241160	21251160	21261160	0,007	50
2	4	M16	10	39	22	21241161	21251161	21261161	0,007	50
2	5	PG11	8	37	22	21340011	21350011	21360011	0,009	50
2	6	PG13	9	38	24	21340013	21350013	21360013	0,011	50
2	7	PG16	9	42	27	21340016	21350016	21360016	0,015	50
2	9	PG21	11	49	33	21340021	21350021	21360021	0,024	50
2	5	M16	10	39	22	21341161	21351161	21361161	0,007	50
2	6	M20	10	39	24	21341200	21351200	21361200	0,011	50
2	7	M20	10	43	27	21341201	21351201	21361201	0,012	50
2	9	M25	10	48	33	21341250	21351250	21361250	0,024	50
3	3	PG 9	8	36	19	21440009	21450009	21460009	0,006	50
3	7	PG21	11	49	33	21440021	21450021	21460021	0,024	50
3	3	M16	8	36	19	21441160	21451160	21461160	0,007	50
3	7	M25	10	48	33	21441250	21451250	21461250	0,024	50
3	5	PG11	8	37	22	21540011	21550011	21560011	0,009	50
3	5	PG13	9	38	24	21540013	21550013	21560013	0,011	50
3	6	PG16	9	42	27	21540016	21550016	21560016	0,015	50
3	8	PG21	11	49	33	21540021	21550021	21560021	0,024	50
3	5	M16	10	39	22	21541161	21551161	21561161	0,007	50
3	5	M20	10	39	24	21541200	21551200	21561200	0,011	50
3	6	M20	10	43	27	21541201	21551201	21561201	0,012	50
3	8	M25	10	48	33	21541250	21551250	21561250	0,024	50
4	9	PG29	11	52	42	21440029	21450029	21460029	0,044	25
4	9	M32	10	51	42	21441320	21451320	21461320	0,047	25
4	3	PG 9	8	36	19	21640009	21650009	21660009	0,006	50
4	5	PG16	9	42	27	21640016	21650016	21660016	0,015	50
4	7	PG21	11	49	33	21640021	21650021	21660021	0,024	50
4	3	M16	8	36	19	21641160	21651160	21661160	0,007	50
4	5	M20	10	43	27	21641201	21651201	21661201	0,012	50
4	7	M25	10	48	33	21641250	21651250	21661250	0,024	50
8	4	PG21	11	49	33	21840021	21850021	21860021	0,024	50
8	4	M25	10	48	33	21841250	21851250	21861250	0,024	50
16	3	PG29	11	52	42	21840029	21850029	21860029	0,046	25
16	3	M32	10	51	42	21841320	21851320	21861320	0,049	25

Prensaestopas IRIS-P IA Inserto Abierto

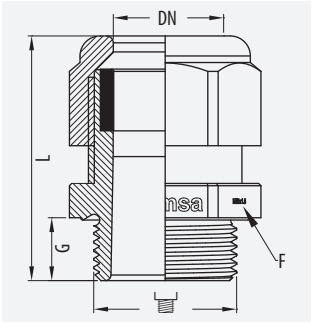
IRIS-P IA Open Insert Gland



		G	L		RAL 7035	RAL 9005	RAL 7001	kg/u	
5	PG13	9	38	24	21940013	21950013	21960013	0,012	50
5	PG16	9	42	27	21940016	21950016	21960016	0,015	50
5	PG21	11	49	33	21940021	21950021	21960021	0,025	50
5	M20	10	39	24	21941200	21951200	21961200	0,012	50
5	M25	10	48	33	21941250	21951250	21961250	0,025	50

	M		IP	
	PA 6+TPV	-20°/+100°	65	OK

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Prensaestopa Hexadin M

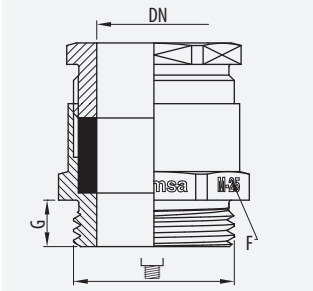
Hexadin M Cable Gland



DN		G		LN	kg/u	
6 / 8	PG 7	5,0	14	20050007	0,009	50
4/10	PG 9	6,0	18	20050009	0,013	50
6,5/12	PG11	6,0	20	20050011	0,018	50
6,5/13,5	PG13	6,5	22	20050013	0,024	50
6,5/16	PG16	6,5	24	20050016	0,029	50
9/20	PG21	7,0	30	20050021	0,045	25
17/28	PG29	8,0	40	20050029	0,085	25
23/34	PG36	9,0	50	20050036	0,137	10
35/46	PG48	10,0	64	20050048	0,278	5
5/ 7	M12	7,0	14	20051120	0,013	50
4/ 9,5	M16	7,0	18	20051160	0,018	50
6/13	M20	7,0	22	20051200	0,024	50
6/15	M25	8,0	27	20051250	0,029	50
9/20	M32	8,5	33	20051320	0,045	25
15/27	M40	8,5	40	20051400	0,085	10
21/33	M50	9,5	50	20051500	0,137	5
30/45	M63	10,5	65	20051630	0,278	5

	M		IP	
	LN+NBR	-25°/+60°	54	OK

ETIM:EC000441



Prensaestopa Hexadin M-Long

Hexadin M-Long Cable Gland

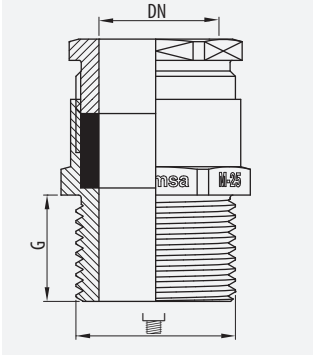


DN		G		LN	kg/u	
6/8	PG 7	15,0	14	20060007 [4]	0,011	50
4/10	PG 9	15,0	18	20060009 [4]	0,016	50
6,5/12	PG11	15,0	20	20060011	0,024	50
6,5/13	PG13	15,0	22	20060013	0,028	50
6,5/16	PG16	15,0	24	20060016	0,036	50
9/20	PG21	15,0	30	20060021	0,054	25
17/28	PG29	15,0	40	20060029	0,101	25
23/34	PG36	15,0	50	20060036	0,153	10
35/46	PG48	15,0	64	20060048	0,305	5

[4] Bajo pedido, consultar disponibilidad / *On request, check availability*

	M		IP	
	LN+NBR	-25°/+60°	54	OK

ETIM:EC000441



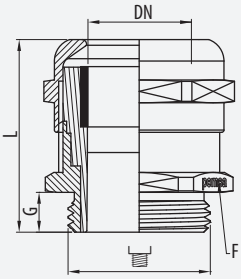
pemsa

Prensaestopas IRIS-M

IRIS-M Cable Gland



DN		G	L		LN	kg/u	
3/ 6,5	PG 7	6,0	28,0	14	21030007	0,017	50
4/ 8	PG 9	6,0	29,0	17	21030009	0,024	50
5/10	PG11	6,0	30,5	20	21030011	0,027	50
6/12	PG13	6,5	33,0	22	21030013	0,030	50
10/14	PG16	6,5	34,5	24	21030016	0,037	50
13/18	PG21	7,0	38,5	30	21030021	0,057	50
18/25	PG29	8,0	46,0	40	21030029	0,120	25
22/32	PG36	10,0	53,0	50	21030036	0,202	10
30/38	PG42	12,0	59,0	57	21030042	0,235	5
34/44	PG48	14,0	62,0	64	21030048	0,347	5
3/ 6,5	M12	6,0	28,0	14	21031120	0,015	50
4/ 8	M16	7,0	30,0	18	21031160	0,025	50
6/12	M20	8,0	45,0	22	21031200	0,041	50
10/14	M25	8,0	36,0	27	21031250	0,056	25
13/18	M32	9,0	40,5	34	21031320	0,098	25
18/25	M40	9,0	47,0	43	21031400	0,155	10
22/32	M50	9,0	52,0	55	21031500	0,286	5
34/44	M63	14,0	62,0	68	21031630	0,390	5



	LN+NBR	-20°/+100°	68	OK

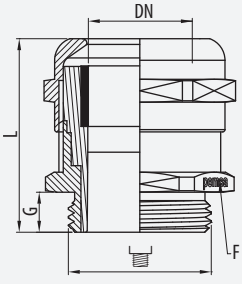
ETIM:EC000441

Prensaestopas IRIS-M Long

IRIS-M Long Cable Gland



DN		L	G		LN		
3/6,5	PG7	22,0	10	25	21036007		100
4/8	PG9	23,0	10	27	21036009		50
5/10	PG11	24,5	10	28	21036011		50
6/12	PG13	26,5	10	29.5	21036013		50
10/14	PG16	28,0	10	30.5	21036016		50
13/18	PG21	31,5	12	32	21036021		25
18/25	PG29	38,0	12	39	21036029		20
22/32	PG36	43,0	14	47	21036036		10
30/38	PG42	47,0	18	49	21036042		5
34/44	PG48	48,0	18	52	21036048		5
3/6,5	M12	34,0	12	14	21037120		100
4/8	M16	35,0	12	18	21037160		50
6/12	M20	38,5	12	22	21037200		50
10/14	M25	40,0	12	27	21037250		25
13/18	M32	45,5	14	34	21037320		20
18/25	M40	52,0	14	43	21037400		10
22/32	M50	57,0	14	55	21037500		5
34/44	M63	66,0	18	68	21037630		5



Bajo pedido, consultar disponibilidad / *On request, check availability*

	LN+TPV	-20°/+100°	68	OK

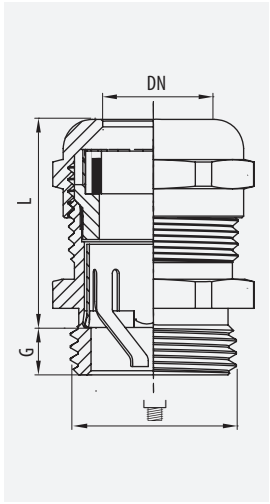
ETIM:EC000441

Prensaestopas IRIS-M EMC

IRIS-M EMC Cable Gland



DN		L	G		LN	kg/u	
3/6,5	PG7	22	10	25	21034007	0,017	100
4/8	PG9	23	10	27	21034009	0,019	50
5/10	PG11	24,5	10	28	21034011	0,025	50
6/12	PG13	26,5	10	29.5	21034013	0,030	50
10/14	PG16	28	10	30.5	21034016	0,037	50
13/18	PG21	31,5	12	32	21034021	0,063	25
18/25	PG29	38	12	39	21034029	0,120	20
22/32	PG36	43	14	47	21034036	0,234	10
30/38	PG42	47	18	49	21034042	0,253	5
34/44	PG48	48	18	52	21034048	0,347	5
3/6,5	M12	22	6	14	21035120	0,013	100
4/8	M16	23	7	18	21035160	0,019	50
6/12	M20	26,5	8	22	21035200	0,027	50
10/14	M25	28	8	27	21035250	0,042	25
13/18	M32	31,5	9	36	21035320	0,073	20
18/25	M40	38	9	46	21035400	0,146	10
22/32	M50	43	9	55	21035500	0,257	5
34/44	M63	48	14	70	21035630	0,398	5



	LN+NBR	-20°/+100°	68	OK

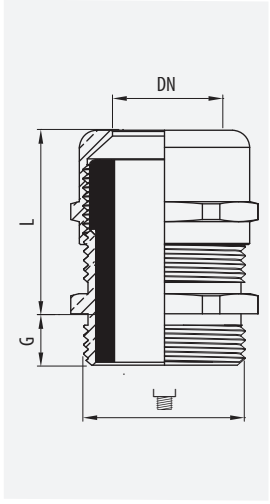
ETIM:EC000441

Prensaestopas IRIS-M Alta Temperatura

IRIS-M High Temperature



DN		L	G		LN	kg/u	
3/6,5	PG7	22	6	14	21038007	0,013	100
4/8	PG9	23	6	17	21038009	0,017	50
5/10	PG11	24,5	6	20	21038011	0,023	50
6/12	PG13	26,5	6,5	22	21038013	0,030	50
10/14	PG16	28	6,5	24	21038016	0,033	50
13/18	PG21	31,5	7	30	21038021	0,055	25
18/25	PG29	38	8	40	21038029	0,116	20
22/32	PG36	43	10	50	21038036	0,199	10
30/38	PG42	47	12	57	21038042	0,233	5
34/44	PG48	48	14	64	21038048	0,345	5
3/6,5	M12	22	6	14	21039120	0,013	100
4/8	M16	23	7	18	21039160	0,018	50
6/12	M20	26,5	8	22	21039200	0,030	50
10/14	M25	28	8	27	21039250	0,037	25
13/18	M32	31,5	9	36	21039320	0,068	20
18/25	M40	38	9	46	21039400	0,140	10
22/32	M50	43	9	55	21039500	0,233	5
34/44	M63	48	14	70	21039630	0,414	5



Bajo pedido, consultar disponibilidad / *On request, check availability*

	LN+SILICONE	-60°/ 180°	68	OK

ETIM:EC000441

pemsa

Prensaestopas IRIS-M XL

IRIS-M XL Cable Gland

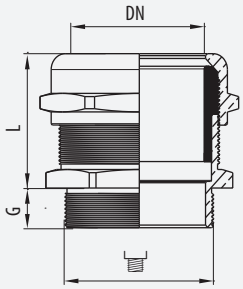


DN		L	G		LN	kg/u	
45/55	M63	48	15	70	21087630	0,517	5
50/63	M75	48	20	85	21087750	0,704	2
50/63	M80	58	20	90	21087800	0,874	2
60/70	M90	61	20	100	21087900	1,117	1

	LN+TPV		-20°/+100°	68	OK

- Tuerca metálica incluída
- *Metal locknut included*

ETIM:EC000441



Prensaestopas IRIS-M FLEX

IRIS-M FLEX Cable Gland

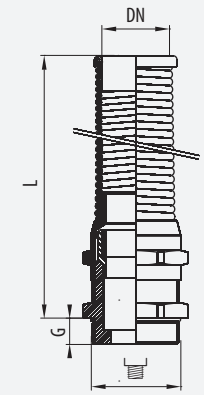


DN		L	G	d1		LN	
3/6,5	PG7	55	6	6,8	14	21080007	100
4/8	PG9	66	6	8,2	17	21080009	50
5/10	PG11	77	6	10,3	20	21080011	50
6/12	PG13	88	6,5	12,3	22	21080013	50
10/14	PG16	98	6,5	14,3	24	21080016	50
13/18	PG21	111	7	18,4	30	21080021	25
3/6,5	M12	55	6	6,8	14	21081120	100
4/8	M16	66	7	8,2	18	21081160	50
6/12	M20	88	8	12,3	22	21081200	50
10/14	M25	98	8	14,3	27	21081250	50
13/18	M32	111	9	18,4	34	21081320	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

	LN+TPV	-20°/+100°	68	OK

ETIM:EC000441



Prensaestopas IRIS-M FLEX-L

IRIS-M FLEX-L Cable Gland

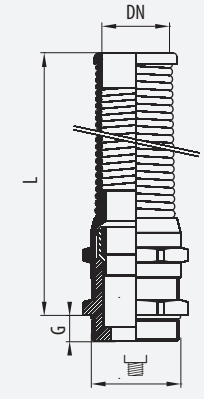


DN		L	G	d1		LN	
3/6,5	PG7	55	10	6,8	14	21082007	100
4/8	PG9	66	10	8,2	17	21082009	50
5/10	PG11	77	10	10,3	20	21082011	50
6/12	PG13	88	10	12,3	22	21082013	50
10/14	PG16	98	10	14,3	24	21082016	50
13/18	PG21	111	12	18,4	30	21082021	25
3/6,5	M12	55	12	6,8	14	21083120	100
4/8	M16	66	12	8,2	18	21083160	50
6/12	M20	88	12	12,3	22	21083200	50
10/14	M25	98	12	14,3	27	21083250	50
13/18	M32	111	14	18,4	34	21083320	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

	LN+TPV	-20°/+100°	68	OK

ETIM:EC000441



Prensaestopas IRIS-M IP Inserto Plano

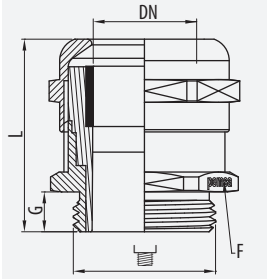
IRIS-M IP Flat Insert Gland





			G	L		LN	kg/u	
7	13	PG16	6,5	30,5	24	21130016	0,039	50
7	15	PG21	7	32	30	21130021	0,060	50
8	22	PG29	8	39	40	21130029	0,130	25
10	28	PG36	10	47	50	21130036	0,214	10
12	33	PG42	12	49	57	21130042	0,249	5
14	45	PG48	14	52	64	21130048	0,363	5
7	13	M25	8	32	27	21131250	0,058	25
7	15	M32	9	34	34	21131320	0,101	25
8	22	M40	9	40	43	21131400	0,165	10
10	28	M50	9	46	55	21131500	0,298	5
14	45	M63	14	52	68	21131630	0,406	5

PA6+TPV	-20°/+100°	65	OK



ETIM:EC000441

Prensaestopas IRIS-M IMC Inserto MultiCable

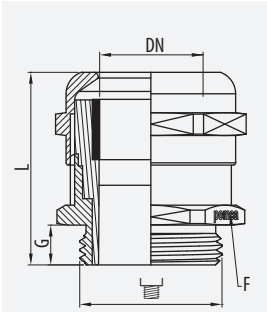
IRIS-M IMC Multicable Insert Gland





			G	L		LN	kg/u	
2	3	PG 9	6	27	17	21230009	0,025	50
2	4	PG11	6	28	20	21230011	0,028	50
2	3	M16	7	28	18	21231160	0,026	50
2	5	PG11	6	28	20	21330011	0,028	50
2	6	PG13	6,5	29,5	22	21330013	0,031	50
2	7	PG16	6,5	30,5	24	21330016	0,039	50
2	9	PG21	7	32	30	21330021	0,060	50
2	6	M20	8	31	22	21331200	0,042	50
2	7	M25	8	32	27	21331250	0,058	25
2	9	M32	9	34	34	21331320	0,101	25
3	3	PG 9	6	27	17	21430009	0,025	50
3	7	PG21	7	32	30	21430021	0,060	50
3	3	M16	7	28	18	21431160	0,026	50
3	7	M32	9	34	34	21431320	0,101	25
3	5	PG11	6	28	20	21530011	0,028	50
3	5	PG13	6,5	29,5	22	21530013	0,031	50
3	6	PG16	6,5	30,5	24	21530016	0,039	50
3	8	PG21	7	32	30	21530021	0,060	50
3	5	M20	8	31	22	21531200	0,042	50
3	6	M25	8	32	27	21531250	0,058	25
3	8	M32	9	34	34	21531320	0,101	25
4	9	PG29	8	39	40	21430029	0,128	25
4	9	M40	9	40	43	21431400	0,163	10
4	3	PG 9	6	27	17	21630009	0,025	50
4	5	PG16	6,5	30,5	24	21630016	0,039	50
4	7	PG21	7	32	30	21630021	0,060	50
4	3	M16	7	28	18	21631160	0,026	50
4	5	M25	8	32	27	21631250	0,058	25
4	7	M32	9	34	34	21631320	0,101	25
8	4	PG21	7	32	30	21830021	0,060	50
8	4	M32	9	34	34	21831320	0,101	25
16	3	PG29	8	39	40	21830029	0,130	25
16	3	M40	9	40	43	21831400	0,165	10

LN+TPV	-20°/+100°	65	OK

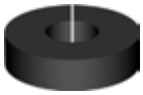


ETIM:EC000441

Prensaestopas IRIS-M IP Inserto Abierto

IRIS-M IA Open Insert Gland

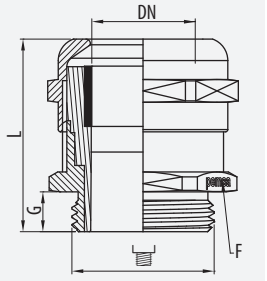




		G	L		LN	kg/u	
5	PG13	6,5	29,5	22	21930013	0,032	50
5	PG16	6,5	30,5	24	21930016	0,039	50
5	PG21	7	32	30	21930021	0,061	50
5	M20	8	31	22	21931200	0,043	50
5	M25	8	32	27	21931250	0,058	25
5	M32	9	34	34	21931320	0,102	25

	LN+TPV	-20°/+100°	65	OK

ETIM:EC000441



Prensaestopas IRIS-M INOX

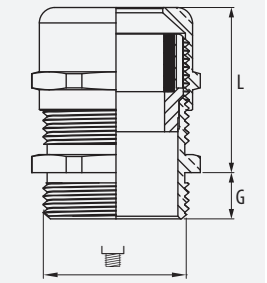
IRIS-M Stainless Steel Cable Gland



DN		L	G		304	kg/u	
3/6,5	PG7	22	6	14	21084007	0,013	100
4/8	PG9	23	6	17	21084009	0,017	50
5/10	PG11	24,5	6	22	21084011	0,023	50
6/12	PG13	26,5	6,5	22	21084013	0,030	50
10/14	PG16	28	6,5	24	21084016	0,032	50
13/18	PG21	31,5	7	30	21084021	0,055	25
18/25	PG29	38	8	41	21084029	0,116	20
22/32	PG36	43	10	50	21084036	0,198	10
30/38	PG42	47	12	60	21084042	0,232	5
34/44	PG48	48	14	65	21084048	0,345	5
3/6,5	M12	22	6	14	21085120	0,013	100
4/8	M16	23	7	18	21085160	0,019	50
6/12	M20	26,5	8	22	21085200	0,026	50
10/14	M25	28	8	27	21085250	0,041	25
13/18	M32	31,5	9	36	21085320	0,070	20
18/25	M40	38	9	46	21085400	0,145	10
22/32	M50	43	9	55	21085500	0,255	5
34/44	M63	48	14	70	21085630	0,396	5

	304+TPV	-20°/+100°	68	OK

ETIM:EC000441



IDEA

Poliamida

Polyamide

Pemsaflex LG-PA ST-PA

aplicaciones industriales, fotovoltáica y cubiertas solares



PA6

318

Prensaestopas IRIS-P AIR

IRIS-P AIR Cable Gland

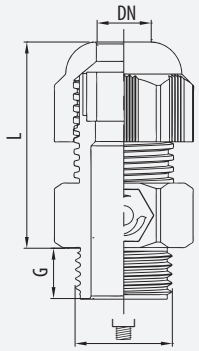


DN		H	G		aire l/h	agua mbar	7035	9005	u
4/8	PG7	29	8	19	70	0,1	21012007	21022007	100
4/8	PG9	33	8	19	70	0,1	21012009	21022009	50
4/6,5	M12	29	8	19	70	0,1	21013120	21023120	100
4/8	M16	33	8	19	70	0,1	21013160	21023160	50
5/10	M16	34	10	22	70	0,1	21013161	21023161	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

	PA6+TPV	-20°/+100°	150°	IP 65	OK

ETIM:EC000441



Prensaestopas IRIS-M AIR

IRIS-M AIR Cable Gland

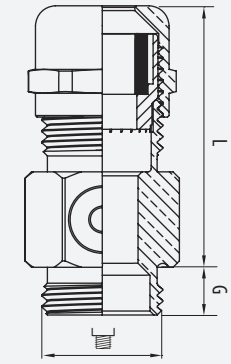


DN		H	G		aire l/h	agua mbar	LN	u
4/8	PG7	31.5	6	17	70	0.1	21074007	100
4/8	PG9	31.5	6	17	70	0.1	21074009	50
5/10	PG11	33.5	6	20	70	0.1	21074011	50
6/12	PG13	35	6.5	22	70	0.1	21074013	50
4/8	M12	31.5	6	17	70	0.1	21075120	100
4/8	M16	31.5	6	17	70	0.1	21075160	50
5/10	M16	33.5	6	20	70	0.1	21075161	50
6/12	M20	35	8	22	70	0.1	21075200	50
4/8	PG7	31.5	8	17	70	0.1	21076007	100
4/8	PG9	31.5	8	17	70	0.1	21076009	50
5/10	PG11	33.5	8	20	70	0.1	21076011	50
6/12	PG13	35	8	22	70	0.1	21076013	50
4/8	M12	31.5	8	17	70	0.1	21077120	100
4/8	M16	31.5	8	17	70	0.1	21077160	50
5/10	M16	33.5	8	20	70	0.1	21077161	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

	LN	junta TPV	-20°/ 80°	150°	OK

ETIM:EC000441



Prensaestopas IRIS-M AIR-INOX

IRIS-M AIR-INOX Cable Gland

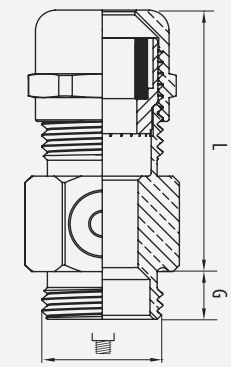


DN		H	G		aire l/h	agua mbar	I303	u
4/8	PG7	31.5	6	17	70	0.1	21070007	100
4/8	PG9	31.5	6	17	70	0.1	21070009	50
5/10	PG11	33.5	6	20	70	0.1	21070011	50
6/12	PG13	35	6.5	22	70	0.1	21070013	50
4/8	M12	31.5	6	17	70	0.1	21071120	100
4/8	M16	31.5	6	17	70	0.1	21071160	50
5/10	M16	33.5	6	20	70	0.1	21071161	50
6/12	M20	35	8	22	70	0.1	21071200	50
4/8	PG7	31.5	8	17	70	0.1	21072007	100
4/8	PG9	31.5	8	17	70	0.1	21072009	50
5/10	PG11	33.5	8	20	70	0.1	21072011	50
6/12	PG13	35	8	22	70	0.1	21072013	50
4/8	M12	31.5	8	17	70	0.1	21073120	100
4/8	M16	31.5	8	17	70	0.1	21073160	50
5/10	M16	33.5	8	20	70	0.1	21073161	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

	303	junta TPV	-20°/ 80°	150°	OK

ETIM:EC000441



Tapón TPK AIR

TPK AIR Cap

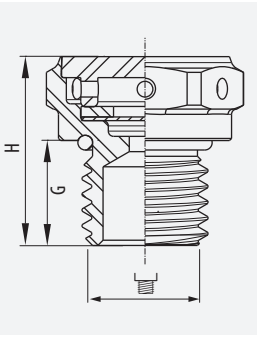


	H	G		aire l/h	agua mbar	7035	kg/u	
M12	19	10	18	16	0.8	44022120	0.002	100
M12	19	10	18	25	0.5	44022121	0.002	100
M12	19	10	18	150	0.2	44022122	0.002	100
M12	19	10	18	300	0.1	44022123	0.002	100
						9005		
M12	19	10	18	16	0.8	44023120	0.002	100
M12	19	10	18	25	0.5	44023121	0.002	100
M12	19	10	18	150	0.2	44023122	0.002	100
M12	19	10	18	300	0.1	44023123	0.002	100

Bajo pedido, consultar disponibilidad / *On request, check availability*

	(M)	(M) junta			IP	
	PA6	NBR/EPDM	-20°/+100°	150°	65	OK

ETIM:EC002316



Tapón TPM AIR

TPM AIR Cap

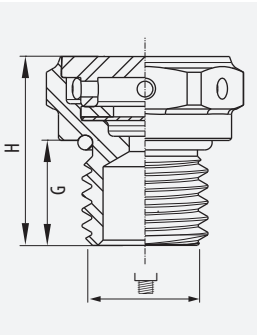


	H	G		aire l/h	agua mbar	LN	kg/u	
M12	18	10	17	16	0.8	44013120	0.014	100
M12	18	10	17	25	0.5	44013121	0.014	100
M12	18	10	17	150	0.2	44013122	0.014	100
M12	18	10	17	300	0.1	44013123	0.013	100

Bajo pedido, consultar disponibilidad / *On request, check availability*

	(M)	(M) junta			IP	
	LN	NBR/EPDM	-20°/+100°	150°	68	OK

ETIM:EC002316



Tapón TPK AIR INOX

TPM AIR INOX Plug

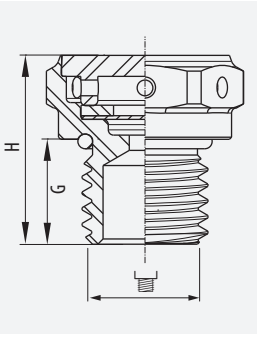


	H	G		aire l/h	agua mbar	I303	kg/u	
M12	18	10	17	16	0.8	44014120	0.013	100
M12	18	10	17	25	0.5	44014121	0.013	100
M12	18	10	17	150	0.2	44014122	0.013	100
M12	18	10	17	300	0.1	44014123	0.013	100

Bajo pedido, consultar disponibilidad / *On request, check availability*

	(M)	(M) junta			
	303	NBR/EPDM	-20°/+100°	150°	OK

ETIM:EC002316



Prensaestopas HSK-K

HSK-K Cable Gland

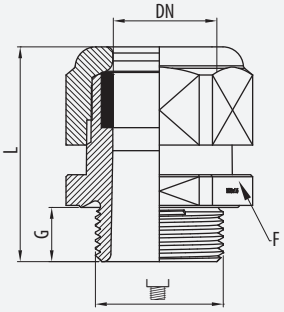


DN		G	L		RAL 7035	RAL 9005	kg/u	
3/ 6,5	PG 7	8	29	15	22010007	22012007	0,005	50
4/ 8	PG 9	8	30	19	22010009	22012009	0,006	50
5/10	PG11	8	33	22	22010011	22012011	0,008	50
6/12	PG13	9	36	24	22010013	22012013	0,009	50
10/14	PG16	10	38	27	22010016	22012016	0,013	50
13/18	PG21	11	42	33	22010021	22012021	0,022	50
18/25	PG29	11	49	42	22010029	22012029	0,040	25
22/32	PG36	13	61	53	22010036	22012036	0,058	10
37/44	PG48	14	63	65	22010048	22012048	0,099	5
3/ 6,5	M12	8	29	15	22011120	22013120	0,005	50
4/ 8	M16	8	30	19	22011160	22013160	0,006	50
5/10	M16	8	33	22	22011161	22013161	0,007	50
6/12	M20	9	36	24	22011200	22013200	0,009	50
10/14	M20	9	37	27	22011201	22013201	0,013	50
13/18	M25	11	42	33	22011250	22013250	0,022	50
18/25	M32	11	50	42	22011320	22013320	0,040	25
22/32	M40	13	61	53	22011400	22013400	0,070	10
32/38	M50	13	62	60	22011500	22013500	0,090	5
37/44	M63	14	63	65	22011630	22013630	0,099	5

Bajo pedido / *On request*

	PA 6+NBR	-40°/+100°	68	OK

ETIM: EC000441



Prensaestopas HSK-K Largo

HSK-K Long Cable Gland

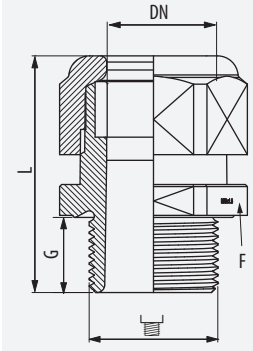


DN		G	L		RAL 7035	kg/u	
3/ 6	PG 7	15	36	15	22014007	0,010	50
4/ 8	PG 9	15	37	19	22014009	0,010	50
5/10	PG11	15	40	22	22014011	0,010	50
6/12	PG13	15	42	24	22014013	0,010	50
10/14	PG16	15	43	27	22014016	0,020	50
13/18	PG21	15	46	33	22014021	0,030	50
18/25	PG29	15	54	42	22014029	0,050	25
22/32	PG36	18	66	53	22014036	0,060	10
37/44	PG48	18	67	65	22014048	0,110	5
3/ 6	M12	15	36	15	22015120	0,010	50
4/ 8	M16	15	37	19	22015160	0,010	50
5/10	M16	15	40	22	22015161	0,010	50
6/12	M20	15	42	24	22015200	0,010	50
10/14	M20	15	43	27	22015201	0,010	50
13/18	M25	15	46	33	22015250	0,020	50
18/25	M32	15	54	42	22015320	0,050	25
22/32	M40	18	66	53	22015400	0,070	10
32/38	M50	18	67	60	22015500	0,090	5
37/44	M63	18	67	65	22015630	0,090	5

Bajo pedido / *On request*

	PA6+NBR	-40°/+100°	68	OK

ETIM: EC000441



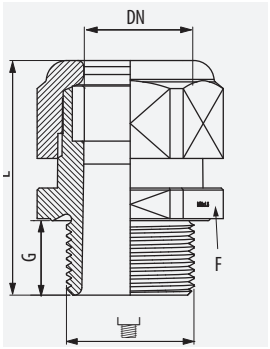
Prensaestopas HSK-K-Ex Active

HSK-K-EX Active Cable Gland



DN		G	L		RAL 9005	kg/u	
3/ 6,5	M12	8	29	15	22031120	0,005	50
4/ 8	M16	8	30	19	22031160	0,006	50
5/10	M16	8	33	22	22031161	0,006	50
6,5/12	M20	9	36	24	22031200	0,009	50
10/14	M20	9	37	27	22031201	0,009	50
13/18	M25	11	42	33	22031250	0,022	50
18/25	M32	11	50	42	22031320	0,040	25
22/32	M40	13	61	53	22031400	0,070	10
32/38	M50	13	62	60	22031500	0,090	5
37/44	M63	14	62	65	22031630	0,099	5

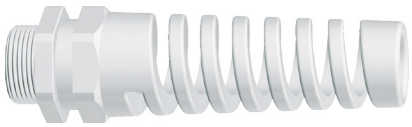
	PA6+NBR	-40°/+100°	68	OK

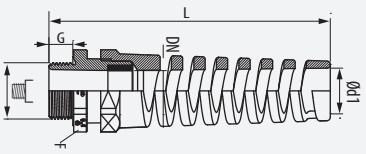


ETIM: EC000441

Prensaestopas HSK-FLEX

HSK-FLEX Cable Gland





DN		Od1	G	L		RAL 7035	kg/u	
3/ 6	PG 7	7,0	8	62	15	22020007	0,006	50
4/ 8	PG 9	8,5	8	71	19	22020009	0,010	50
5/10	PG11	10,5	8	86	22	22020011	0,013	50
6/12	PG13	13,0	9	99	24	22020013	0,016	50
10/14	PG16	15,5	10	110	27	22020016	0,024	25
13/18	PG21	20,0	11	125	33	22020021	0,043	20
3/ 6	M12	7,0	8	62	15	22021120	0,005	50
4/ 8	M16	8,5	8	71	19	22021160	0,010	50
5/10	M16	10,5	8	86	22	22021161	0,010	50
6/12	M20	13,0	9	99	24	22021200	0,016	50
10/14	M20	15,5	9	109	27	22021201	0,016	25
13/18	M25	20,0	11	125	33	22021250	0,043	20

Bajo pedido, consultar disponibilidad / *On request, check availability*

	PA6+NBR	-40°/+100°	68	OK

ETIM: EC000441

Prensaestopas HSK-M

HSK-M Cable Gland

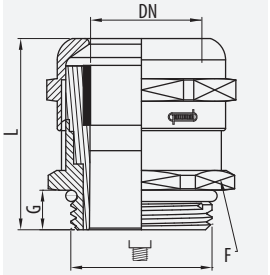


DN		G	L		LN	kg/u	
3/ 6,5	M12	6,5	25,5	14	22051120	0,018	50
4/ 8	M16	6,0	27,0	17	22051160	0,018	50
5/10	M16	6,0	28,0	20	22051161	0,018	50
6/12	M20	6,0	29,0	22	22051200	0,029	50
10/14	M20	6,0	30,0	24	22051201	0,029	50
13/18	M25	7,0	33,0	30	22051250	0,052	25
18/25	M32	8,0	39,0	40	22051320	0,097	25
22/32	M40	8,0	45,0	50	22051400	0,167	10
32/38	M50	9,0	46,0	57	22051500	0,218	5
37/44	M63	10,0	48,0	64	22051630	0,290	5

Bajo pedido / *On request*

	LN+NBR	-40°/+100°	68	OK

ETIM: EC000441



Prensaestopas HSK-MZ

HSK-MZ Cable Gland

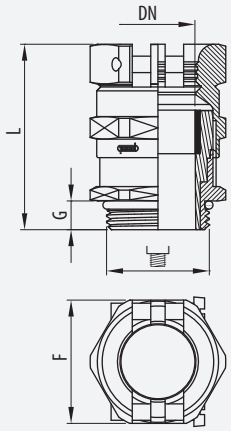


DN		G	L		LN	kg/u	
3/6,5	M12	6,5	32,5	14	22060120	0,010	50
6/8	M16	6,0	34,0	17	22060160	0,030	50
6/10	M16	6,0	36,0	20	22060161	0,020	50
6/12	M20	6,0	39,0	22	22060200	0,040	50
10/14	M20	6,0	39,0	24	22060201	0,030	50
13/18	M25	7,0	44,0	30	22060250	0,050	25
18/25	M32	8,0	51,0	40	22060320	0,100	25
22/32	M40	8,0	58,0	50	22060400	0,170	10
32/38	M50	9,0	60,0	57	22060500	0,220	5
25/31	M50	9,0	60,0	57	22060501	0,100	5
37/44	M63	10,0	62,0	64	22060630	0,360	5
29/35	M63	10,0	62,0	64	22060631	0,380	5

Bajo pedido, consultar disponibilidad / *On request, check availability*

	LN+NBR	-40°/+100°	68	OK

ETIM: EC000441



Prensaestopas HSK-M-EMV-D

HSK-M-EMV-D Cable Gland

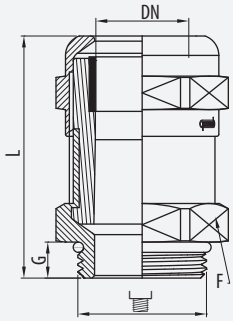


DN		G	L		LN	kg/u	
3/ 6,5	M12	6,5	31,5	14	22090120	0,010	50
5/10	M16	6,0	38,0	20	22090160	0,030	50
10/14	M20	6,0	39,0	24	22090200	0,030	50
13/18	M25	7,0	46,0	30	22090250	0,030	25
18/25	M32	8,0	53,0	40	22090320	0,030	25
24/32	M40	8,0	59,0	50	22090400	0,030	10
32/38	M50	9,0	66,5	57	22090500	0,230	5
37/44	M63	10,0	62,0	64	22090630	0,230	5

Bajo pedido, consultar disponibilidad / *On request, check availability*

	LN+NBR	-40°/+100°	68	OK

ETIM: EC000441



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Prensaestopas HSK-INOX

HSK-INOX Cable Gland

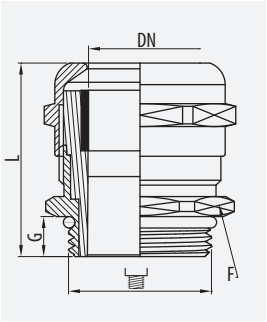


DN		G	L		I304	kg/u	
3/ 6,5	M12	6,5	25,5	14	22070120	0,010	10
5/10	M16	6,0	28,0	22	22070160	0,020	10
10/14	M20	6,0	29,0	24	22070200	0,030	10
13/18	M25	7,0	31,0	30	22070250	0,040	10
18/25	M32	8,0	39,0	41	22070320	0,090	5
22/32	M40	8,0	45,0	50	22070400	0,100	5

Bajo pedido, consultar disponibilidad / *On request, check availability*

	(M)		IP	
	304+NBR	-40°/+100°	68	OK

ETIM: EC000441



Prensaestopas HSK-INOX-HD

HSK-INOX-HD Cable Gland

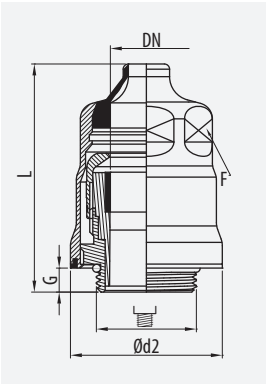


DN		Cd2	G	L		I316L	kg/u	
3/ 6,5	M12	21	6	30,0	14	22040120	0,008	10
5/10	M16	27	6	34,0	20	22040160	0,065	10
10/14	M20	33	6	34,5	24	22040200	0,080	5
13/18	M25	40	6	41,5	30	22040250	0,138	5

Bajo pedido, consultar disponibilidad / *On request, check availability*

	(M)		IP	
	316L	-40°/+120°	68	OK

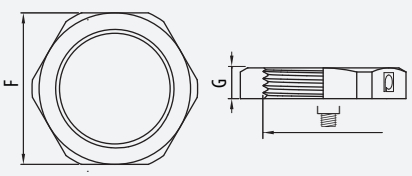
ETIM: EC000441



Tuerca TCP

TCP Nut





	L		RAL 7001	RAL 7035	RAL 9005	kg/u	
PG 7	5	19	40026007	40020007	40024007	0,001	100
PG 9	5	22	40026009	40020009	40024009	0,002	100
PG11	5	24	40026011	40020011	40024011	0,001	100
PG13	6	27	40026013	40020013	40024013	0,002	100
PG16	6	30	40026016	40020016	40024016	0,003	100
PG21	7	36	40026021	40020021	40024021	0,003	100
PG29	7	46	40026029	40020029	40024029	0,006	50
PG36	8	60	40026036	40020036	40024036	0,013	25
PG48	8	70	40026048	40020048	40024048	0,014	25
M12	5	18	40027120	40021120	40025120	0,001	100
M16	5	22	40027160	40021160	40025160	0,001	100
M20	6	26	40027200	40021200	40025200	0,002	100
M25	6	32	40027250	40021250	40025250	0,005	100
M32	7	41	40027320	40021320	40025320	0,005	50
M40	7	50	40027400	40021400	40025400	0,007	25
M50	8	60	40027500	40021500	40025500	0,010	25
M63	8	75	40027630	40021630	40025630	0,016	25

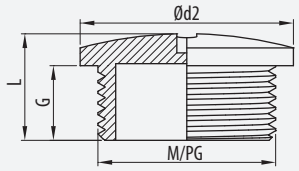
	(M)		
	PA6	-25°/+105º	OK

ETIM:EC000129

Tapón TPK

TPK Cap





	Ød2	G	L	RAL 7035	kg/u	u
PG 7	15	6	8,0	44020007	0,001	100
PG 9	19	6	9,0	44020009	0,002	100
PG11	22	6	9,0	44020011	0,002	100
PG13	25	6	8,5	44020013	0,002	100
PG16	27	6	8,5	44020016	0,003	100
PG21	33	8	12,0	44020021	0,005	100
PG29	44	8	12,0	44020029	0,007	50
PG36	55	10	15,0	44020036	0,013	25
M12	15	6	8,5	44021120	0,001	100
M16	20	7	10,0	44021160	0,002	100
M20	24	7	10,0	44021200	0,005	100
M25	30	10	14,0	44021250	0,007	100
M32	37	10	14,0	44021320	0,013	50
M40	48	10	15,0	44021400	0,018	50
M50	56	13	18,5	81000215	0,015	25
M63	69	15	19,0	81000216	0,010	10

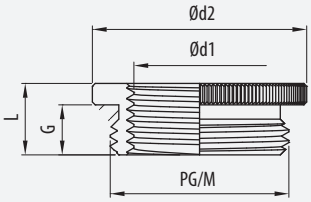
	M		IP	
	PA6	-25°/+90°	54	OK

ETIM: EC002316

Reducción R-H

R-H Reducer





	Ød1	Ød2	G	L	LN	kg/u	u
M16	M12	18,0	6,0	8.5	42001612	0,010	100
M20	M16	24,0	6.5	9,0	42002016	0,007	100
M25	M16	30,0	7,0	10,0	42002516	0,030	50
M25	M20	30,0	7,0	10,0	42002520	0,020	50
M32	M20	39,0	8,0	11.5	42003220	0,050	50
M32	M25	39,0	8,0	11.5	42003225	0,030	50
M40	M25	43,0	8,0	11.5	42004025	0,040	25
M40	M32	43,0	9,0	12.5	42004032	0,040	25
M50	M32	57,0	10,0	14,0	42005032	0,120	10
M50	M40	57,0	10,0	14,0	81000213	0,094	10
PG 9	PG 7	17,0	6,0	8.5	81000194	0,006	100
PG11	PG 7	20,0	6,0	8.5	81000195	0,010	100
PG11	PG 9	20,0	6,0	8.5	81000196	0,005	100
PG13	PG 9	22,0	6.5	9,0	81000197	0,011	100
PG13	PG11	22,0	6.5	9,0	81000198	0,004	100
PG16	PG 9	24,0	6.5	9.5	81000199	0,007	100
PG16	PG11	24,0	6.5	9.5	81000200	0,010	100
PG16	PG13	24,0	6.5	9.5	81000201	0,006	100
PG21	PG11	30,0	7,0	10,0	81000202	0,028	50
PG21	PG13	30,0	7,0	10,0	81000203	0,024	50
PG21	PG16	30,0	7,0	10,0	81000204	0,019	50
PG29	PG16	39,0	8,0	11.5	81000205	0,065	50
PG29	PG21	39,0	8,0	11.5	81000206	0,042	50
PG36	PG21	50,0	9,0	12.5	81000207	0,117	25
PG36	PG29	50,0	9,0	12.5	81000208	0,070	25
PG42	PG29	57,0	10,0	14,0	81000209	0,146	10
PG42	PG36	57,0	10,0	14,0	81000210	0,070	10
PG48	PG36	64,0	10,0	14,0	81000211	0,074	10
PG48	PG42	64,0	10,0	14,0	81000212	0,065	10

	M		
	LN	-45°/+150°	OK

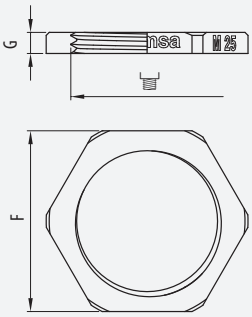
ETIM: EC000938

Tuerca TCM

TCM Nut



	G		LN	kg/u	
PG 7	2,8	15	40010007	0,002	100
PG 9	2,8	18	40010009	0,002	100
PG11	3,0	21	40010011	0,003	100
PG13	3,0	23	40010013	0,003	100
PG16	3,0	26	40010016	0,005	100
PG21	3,5	32	40010021	0,007	100
PG29	4,0	41	40010029	0,013	50
PG36	5,0	51	40010036	0,021	25
PG42	5,0	60	40010042	0,030	25
PG48	5,5	64	40010048	0,034	25
M12	2,8	15	40011120	0,002	100
M16	2,8	19	40011160	0,003	100
M20	3,0	24	40011200	0,004	100
M25	3,5	30	40011250	0,009	100
M32	4,0	36	40011320	0,011	50
M40	5,0	46	40011400	0,019	25
M50	5,0	60	40011500	0,026	25
M63	6,0	70	40011630	0,055	25



	LN	-45°/+150°	OK

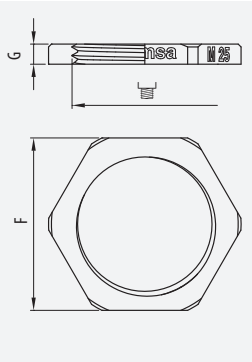
ETIM:EC000129

Tuerca TCM EMC

TCM EMC Nut



	G		LN	kg/u	
PG 7	3,3	15	40016007	0,002	100
PG 9	3,5	18	40016009	0,003	50
PG11	3,5	21	40016011	0,003	50
PG13	3,5	23	40016013	0,004	50
PG16	4	26	40016016	0,005	50
PG21	4,6	32	40016021	0,007	25
PG29	5,6	41	40016029	0,010	20
PG36	5,6	51	40016036	0,018	10
PG42	6,1	60	40016042	0,035	5
PG48	3,3	64	40016048	0,038	5
M12	3,5	15	40017120	0,003	100
M16	3,5	19	40017160	0,004	50
M20	3,5	24	40017200	0,005	50
M25	4	30	40017250	0,009	25
M32	4,6	36	40017320	0,011	20
M40	5,6	46	40017400	0,018	10
M50	6,7	60	40017500	0,030	5
M63	8	70	40017630	0,039	5



	LN	-45°/+150°	OK

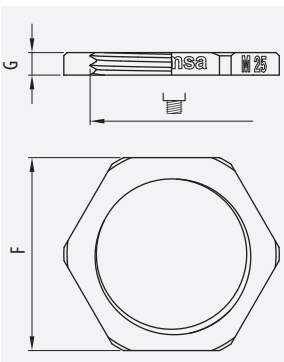
ETIM:EC000129

Tuerca TCM Inox

TCM INOX Nut



	G		I304	kg/u	
PG 7	2,8	15	40015007	0,0021	100
PG 9	2,8	18	40015009	0,0032	50
PG11	3,0	21	40015011	0,0032	50
PG13	3,0	23	40015013	0,0042	50
PG16	3,0	26	40015016	0,0052	50
PG21	3,0	32	40015021	0,0073	25
PG29	4,0	41	40015029	0,0104	20
PG36	5,0	51	40015036	0,0178	10
PG42	5,0	60	40015042	0,0346	5
PG48	5,5	64	40015048	0,0376	5
M16	2,8	19	40014160	0,003	50
M20	3,0	24	40014200	0,004	50
M25	3,5	30	40014250	0,009	25
M32	3,5	36	40014320	0,011	25
M40	5,0	46	40014400	0,019	10
M50	5,0	57	40014500	0,026	10
M63	6,0	70	40014630	0,055	10



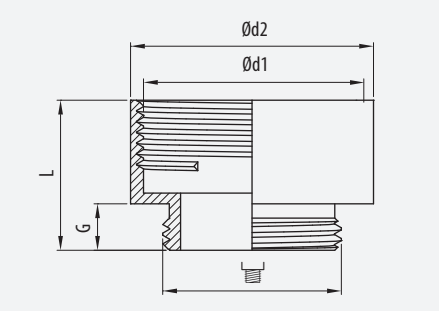
Bajo pedido / *On request*

	304	-45°/+150°	OK

ETIM:EC000129

Ampliación E-MS

E-MS Enlarger



	Ød1	Ød2	G	L	LN	kg/u	u
PG 7	PG 9	17	5,0	15,0	42020709	0,007	100
PG 9	PG11	20	6,0	16,5	42020911	0,009	100
PG 9	PG13	22	6,0	17,5	42020913	0,010	100
PG11	PG13	22	6,0	17,5	42021113	0,012	100
PG11	PG16	24	6,0	18,5	42021116	0,013	100
PG13	PG16	24	6,5	19,0	42021316	0,012	100
PG16	PG21	30	6,5	21,0	42021621	0,024	50
PG21	PG29	39	7,0	23,0	42022129	0,038	50
PG29	PG36	50	8,0	28,0	42022936	0,077	25
M12	M16	18	5,0	15,0	42051216	0,010	100
M16	M20	22	6,0	17,5	42051620	0,010	100
M20	M25	27	6,5	19,0	42052025	0,020	50
M25	M32	34	8,0	20,5	42052532	0,030	50
M32	M40	42	7,0	23,0	42053240	0,050	25
M40	M50	53	9,0	31,0	42054050	0,160	10
M50	M63	65	9,5	24,0	42055063	0,160	10

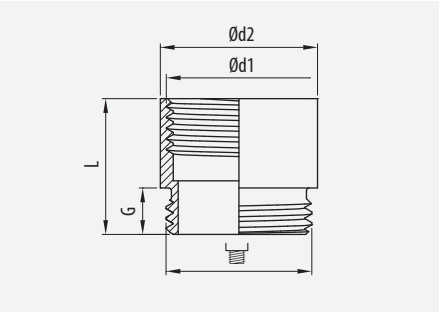


	LN	-45°/+150°	OK

ETIM:EC000938

Adaptador RE-MS

RE-MS Adaptor



	Ød1	Ød2	G	L	LN	kg/u	u
M16	PG 9	20	6,0	16,5	43001609	0,020	100
M20	PG11	22	6,5	19,0	43002011	0,020	100
M20	PG13	22	6,5	19,0	43002013	0,010	100
M20	PG16	24	6,5	19,0	43002016	0,020	100
M25	PG16	28	6,5	19,0	43002516	0,050	50
M25	PG21	30	6,5	21,0	43002521	0,020	50
M32	PG21	35	7,0	21,0	81000214	0,045	100
M32	PG29	39	7,0	23,0	43003229	0,050	25
PG 9	M16	20	6,0	16,5	43010916	0,020	100
PG11	M20	22	6,5	19,0	43011120	0,020	100
PG13	M20	22	6,5	19,0	43011320	0,020	100
PG16	M25	27	6,5	21,0	43011625	0,040	50

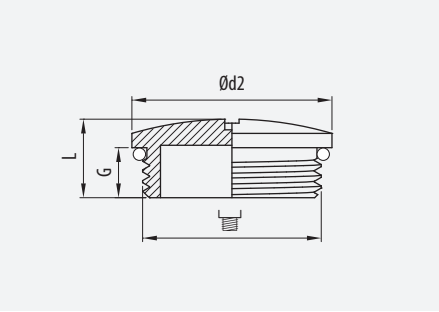


	LN	-45°/+150°	OK

ETIM:EC000938

Tapón TPM

TPM Cap



	Ød2	G	L	LN	kg/u	u
PG 7	14	5,25	8,0	44010007	0,004	100
PG 9	17	6,00	9,0	44010009	0,005	100
PG11	20	6,00	9,0	44010011	0,008	100
PG13	22	6,50	9,5	44010013	0,009	100
PG16	24	6,50	9,5	44010016	0,013	100
PG21	30	7,00	11,0	44010021	0,024	100
PG29	39	8,00	12,0	44010029	0,036	50
PG36	50	9,00	15,0	44010036	0,082	25
PG42	57	10,00	16,0	44010042	0,107	25
PG48	64	10,00	16,0	44010048	0,119	10
M12	14	5,00	7,0	44011120	0,005	100
M16	18	6,00	8,0	44011160	0,008	100
M20	22	6,50	8,5	44011200	0,013	100
M25	27	7,00	10,0	44011250	0,024	100
M32	34	8,00	11,0	44011320	0,050	50
M40	44	9,00	13,0	44011400	0,093	25
M50	54	10,00	14,5	44011500	0,136	25
M63	67	10,00	15,0	44011630	0,190	10



	LN	-25°/+150°C	IP68	54

ETIM:EC002316

pemsa

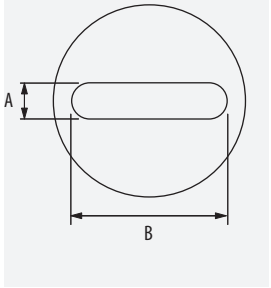
Inserto Plano IP68

Flat Insert IP68



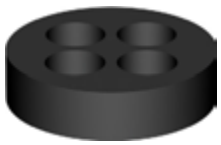
A	B		9005	kg/u	u
7	13	PG16/M20	40030116	0,002	25
7	13	PG21/M25	40030121	0,003	25
8	22	PG29/M32	40030129	0,008	5
10	28	PG36/M40	40030136	0,01	5
12	33	PG42/M50	40030142	0,012	5
14	45	PG48/M63	40030148	0,014	5

	M		IP	
	PA6+TPV	-20°/+100°	65	OK

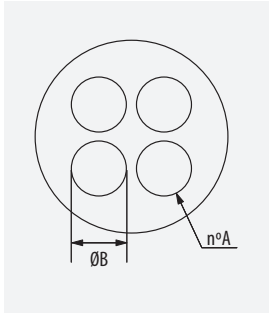


Inserto MultiCable

Multicable Insert Gland

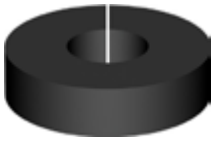


A	B		9005	kg/u	u
2	3	PG9/M16	40030209	0,001	50
2	4	PG11/M20	40030211	0,001	50
2	5	PG11/M16	40030311	0,001	50
2	6	PG13/M20	40030313	0,001	50
2	7	PG16/M25	40030316	0,002	25
2	9	PG21/M32	40030321	0,003	25
3	3	PG9/M16	40030409	0,001	50
3	7	PG21/M32	40030421	0,003	25
4	9	PG29/M40	40030429	0,006	5
3	5	PG11/M20	40030511	0,101	50
3	5	PG13/M20	40030513	0,001	50
3	6	PG16/M25	40030516	0,002	25
3	8	PG21/M32	40030521	0,003	25
4	3	PG9/M16	40030609	0,001	50
4	5	PG16/M25	40030616	0,001	25
4	7	PG21/M32	40030621	0,003	25
8	4	PG21/M32	40030821	0,003	25
16	3	PG29/M40	40030829	0,008	5

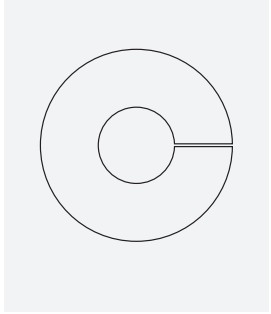


Inserto Abierto

Open Insert



	9005	kg/u	u
PG13/M20	40030913	0,0002	50
PG16/M25	40030916	0,0003	25
PG21/M32	40030921	0,004	25

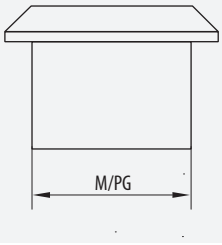


Tapón Protector
Protection Cap



	RAL 9005	ROJO	kg/u	u
PG 7 / M12	44040007	44041007	0,001	1000
PG 9 /M16	44040009	44041009	0,001	1000
PG11 /M16	44040011	44041011	0,001	1000
PG13 / M20	44040013	44041013	0,001	500
PG16 / M20	44040016	44041016	0,002	500
PG21 / M25	44040021	44041021	0,002	500
PG29 / M32	44040029	44041029	0,005	200
PG36 / M40	44040036	44041036	0,008	100
PG42 / M50	44040042	44041042	0,011	50
PG48 / M63	44040048	44041048	0,014	50

Bajo pedido, consultar disponibilidad / *On request, check availability*



M	±°C	
PA6	-30°/ 80°	OK

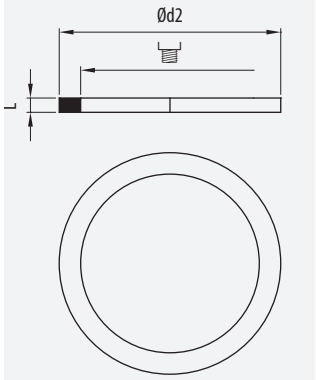
Junta Plana
Flat Ring



	Ød2	L	RAL 5024	kg/u	u
PG 7	16,5	2	39090007	0,001	500
PG 9	19	2	39090009	0,001	500
PG11	22,5	2	39090011	0,002	500
PG13	25	2	39090013	0,003	500
PG16	27	2	39090016	0,003	500
PG21	33,5	2	39090021	0,005	500
PG29	43,5	2	39090029	0,009	250
PG36	55	2	39090036	0,018	100
PG48	69	2	39090048	0,025	50
M12	16	2	39090112	0,001	500
M16	20	2	39090116	0,002	500
M20	25	2	39090120	0,003	500
M25	31	2	39090125	0,003	500
M32	38	2	39090132	0,005	250
M40	48	2	39090140	0,009	100
M50	58	2	39090150	0,018	50
M63	72	2	39090163	0,025	50

M	±°C	IP	
NBR	-25º°/+120	68	OK

ETIM:EC000098

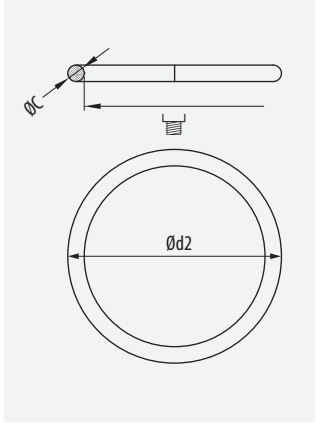


Junta Tórica
O-Ring



	Ød2	C	RAL 9005	kg/u	u
PG 7	9,0	1,5	39096007	0,001	500
PG 9	12,0	1,5	39096009	0,001	500
PG11	16,0	1,5	39096011	0,001	500
PG13	17,2	1,8	39096013	0,001	100
PG16	22,0	2,0	39096016	0,002	500
PG21	29,0	2,0	39096021	0,003	500
PG29	33,0	2,0	39096029	0,004	250
PG36	43,0	2,0	39096036	0,006	100
PG48	55,0	2,0	39096048	0,007	50
M12	9,0	1,5	39096112	0,001	500
M16	12,0	1,5	39096116	0,002	500
M20	17,2	1,8	39096120	0,002	500
M25	22,0	2,0	39096125	0,003	500
M32	29,0	2,0	39096132	0,004	250
M40	35,0	2,0	39096140	0,005	50
M50	43,0	2,0	39096150	0,066	50
M63	55,0	2,0	39096163	0,007	50

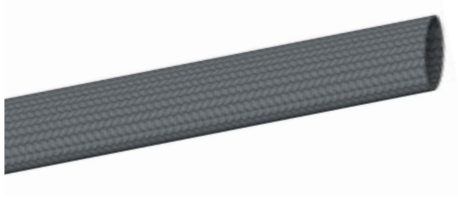
M	±°C	IP	
NBR	-25º°/+120	68	OK



ETIM:EC000098

Funda Protectora PA

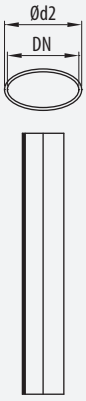
PA Braided Tubing



DN	Ød2	RAL 7031	RAL 9005	kg/u	u
4	3/ 6	12000004	12000104	0,004	100
6	5/ 8	12000006	12000106	0,005	100
8	7/11	12000008	12000108	0,006	100
10	7/15	12000010	12000110	0,009	100
12	8/18	12000012	12000112	0,014	100
16	15/21	12000016	12000116	0,015	100
20	18/30	12000020	12000120	0,022	100
25	24/36	12000025	12000125	0,024	100
30	32/47	12000030	12000130	0,034	50
40	32/58	12000040	12000140	0,042	50
50	32/68	12000050	12000150	0,051	50
60	32/85	12000060	12000160	0,069	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

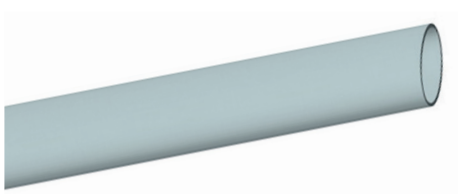
	M		
	PA 6	-25°/+150°	OK



ETIM: EC002254

Funda Protectora PP

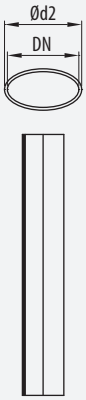
PP Braided Tubing



DN	Ød2	RAL 7031	kg/u	u
4	3/ 6	12001004	0,003	100
6	5/ 8	12001006	0,004	100
8	7/11	12001008	0,005	100
10	7/15	12001010	0,008	100
12	8/18	12001012	0,011	100
16	15/21	12001016	0,012	100
20	18/30	12001020	0,016	100
25	24/36	12001025	0,018	100
30	32/47	12001030	0,024	50
50	32/58	12001040	0,03	50
50	32/68	12001050	0,039	50
60	32/85	12001060	0,045	50

Bajo pedido, consultar disponibilidad / *On request, check availability*

	M		
	PP	-25°/+150°	OK



ETIM:EC002604

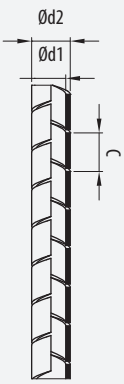
Cinta Helicolidal

Spiral Tape



DN	Ød1	Ød2	RAL 9010	RAL 9005	kg/u	u
3/12	2,5	4	91011030	91012030	0,007	500
6/40	4	6	91021060	91022060	0,014	250
8/60	5,4	8	91031080	91032080	0,026	125
10/90	9,2	12	91041109	91042109	0,039	50

	M		
	PE	-45°/+90°	OK



ETIM:EC002604

GUÍA DE SOLUCIONES SECTORIALES

SECTORIAL SOLUTIONS GUIDE





Terciario Construcción
Tertiary Construction

Aplicaciones / *Applications*



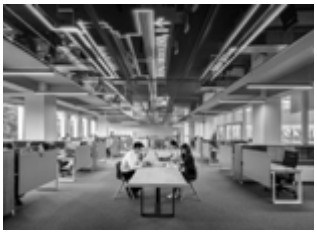
Edificios de Oficinas, Aeropuertos, Estaciones, Hospitales, Centros Educativos, Centros comerciales, de ocio, Teatros.

Office buildings, airports, stations, hospitals, educational centres, shopping centres, leisure centres, theatres.



Instalaciones de tubos en superficie con altos requisitos de mecánicos de protección según ITC-BT 21

Surface conduit installations with high mechanical protection requirements according to ITC-BT 21



Instalaciones en falsos techos, huecos de la construcción o empotradas, según ITC-BT 21

Installations in false ceilings, construction gaps or built-in, according to ITC-BT 21



Instalación de Publica concurrencia con altos requistos de seguridad, Libre de halógenos, según ITC-BT 28

Public access installation with high safety requirements, Halogen free, according to ITC-BT 28

Ventajas / *Advantages*



Amplia gama de producto y accesorios que complementan la instalación

Wide range of products and accessories that complement the installation



Materiales con altos requisitos mecánicos, Compresión e Impacto.

Materials with high mechanical requirements, Compression and Impact.



Gama completa en Gris Claro RAL 7035
Light Grey RAL 7035. Alta Componente estética

Full range in Light Grey RAL 7035. High aesthetic component



Materiales Libres de Halógenos para altos requistos de seguridad

Halogen-free materials for high safety requirements

Sistema de tubos *Conduit system*	DN	Ⓜ	Color / *Colour*	🕮	Racor adecuado *Suitable connector*	🛁	Ⓜ	Color / *Colour*	🕮

Tubo RPVC 1250 / *RPVC 1250 Conduit*

DN16-DN63	PVC	Gris Claro RAL 7035 *Light Grey RAL 7035*	263





Manguito RPVC / *RPVC Coupler*

DN16-DN63	PVC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	263

Racor a Cajas RPVC / *RPVC Box coupler*

DN16-DN63	PVC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	263

Tubo RL / *RL Conduit*

DN16-DN63	PC+ABS Libre de Halógenos *Halogen-free PC+ABS*	Gris Claro RAL 7035 *Light Grey RAL 7035*	260





Manguito RL / *RL Coupler*

DN16-DN63	PC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	260

Racor a Cajas RLH IP65 / *RLH Box coupler IP65*

DN16-DN63	PC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	263

Tubo CLH / *CLH Conduit*

DN16-DN63	Polipropileno Libre de Halógenos *Polypropylene Halogen-free*	Gris Claro RAL 7035 *Light Grey RAL 7035*	265





Racor a Cajas RLH / *RLH Box coupler*

DN16-DN63	PC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	261

Derivación T RLH / *RLH Tee*

DN16-DN63	PC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	266

Tubo TFA y TM-PVC Gris Claro RAL 7035

DN7-DN48	PVC Pregalvanised Steel + PVC *PVC Pregalvanised Steel + PVC*	Gris Claro RAL 7035 *Light Grey RAL 7035* Gris RAL 7011 Grey RAL 7011	265 265





Racor RGp 7035

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris Claro RAL 7035 *Light Grey RAL 7035* Gris RAL 7011 Grey RAL 7011	266

Racor P
P Connector 7035

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris Claro RAL 7035 *Light Grey RAL 7035* Gris RAL 7001 *Grey RAL 7001*	265

Tubo RL / *RL Conduit*

DN16-DN63	Acero Electro-cincado EZ *Electrogalva-nised Steel EZ*	Metal	270





Manguito RL / RL Coupler

DN16-DN63	Acero Electro-cincado EZ *Electrogalva-nised Steel EZ*	Metal	265

Manguito Acomplamiento RL / RL Coupling sleeve

DN16-DN63	Acero Electro-cincado EZ *Electrogalva-nised Steel EZ*	Metal	265

Amplia Gama de Accesorios / *Wide Range of Accessories*



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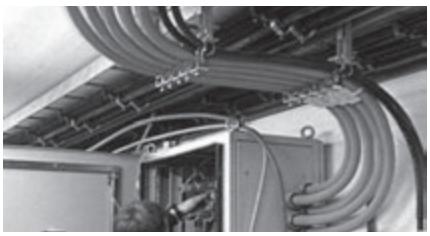
Industria General
General Industry

Aplicaciones / *Applications*



Protección de cableado
para conexión de máquinas.

Cable protection for connecting machines



Instalaciones generales de potencia y datos en fábrica.

General power and data installations in the factory.



Instalaciones industriales con requisitos de mecánicos y amplio rango de temperaturas.

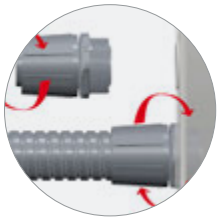
Industrial installations with mechanical requirements and a wide range of temperatures.

Ventajas / *Advantages*



Amplia gama de producto.

Wide range of products.



Racores tipo giratorio
que facilitan la instalación
de los tubos.

Swivel fittings facilitating easier installation of conduits.



Protección y alta estanqueidad en equipos, IP68 IP65.

Protection and high sealing in equipment, IP68 IP65.



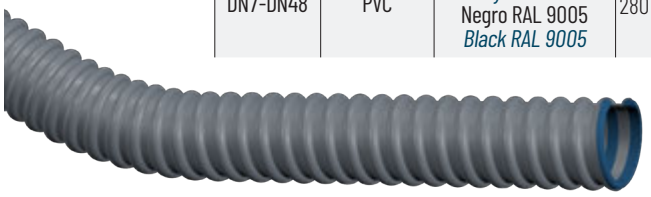
Alta flexibilidad que se adapta a partes móviles en la fabricación.

High flexibility that adapts to moving parts in manufacturing.

Sistema de tubos *Conduit system*	DN	Ⓜ	Color / *Colour*	🕮

Racor adecuado *Suitable connector*	🛒	Ⓜ	Color / *Colour*	🕮

Tubo TFA / *TFA Conduit*



DN7-DN48	PVC	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	280



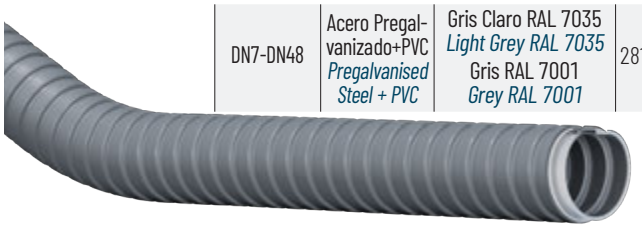
Racor P / *P Connector*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Gris Claro RAL 7035 *Light Grey RAL 7035*	265

Racor RGp Giratorio / *RGp Swivel Coupler*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Gris Claro RAL 7035 *Light Grey RAL 7035*	282

Tubo TM-PVC / *TM-PVC Conduit*



DN7-DN48	Acero Pregal-vanizado+PVC *Pregalvanised Steel + PVC*	Gris Claro RAL 7035 *Light Grey RAL 7035* Gris RAL 7001 *Grey RAL 7001*	281



Racor RM / *RM Connector*

M12-M63 PG07-PG48	Latón Niquelado *Nickel plated brass*	Metal	283

Racor RGm / *RGm Connector*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001*	265

Tubo ECOFLEX / *ECOFLEX Conduit*



DN7-DN48	Acero Pregal-vanizado+PVC *Pregalvanised Steel + PVC*	Gris Claro RAL 7035 *Light Grey RAL 7035* Gris RAL 7001 *Grey RAL 7001*	281



Racor RM / *RM Connector*

M12-M63 PG07-PG48	Latón Niquelado *Nickel plated brass*	Metal	283

Racor RGp Giratorio / *RGp Swivel Coupler*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 Grey RAL 7001	282

Tubo LG-PA / *LG-PA Conduit*



DN7-DN48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 Grey RAL 7001 Negro RAL 9005 Black RAL 9005	288



Racor PA6 / *PA6 Connector*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 Grey RAL 7001	292

Tubo RL / *RL Conduit*



DN16-DN63	Acero Electro-cincado EZ *Electrogalva-nised Steel EZ*	Metal	270



Manguito RL / *RL Coupler*

DN16-DN63	Acero Electro-cincado EZ *Electrogalva-nised Steel EZ*	Metal	265

Manguito Acomplamiento RL / *RL Coupling sleeve*

DN16-DN63	Acero Electro-cincado EZ *Electrogalva-nised Steel EZ*	Metal	265

	🛒	Ⓜ	Color / *Colour*	🕮

Prensaestopas IRIS-P / *IRIS-P Cable gland*



M12-M63 PG07-PG48	Poliamida 6 + Junta TPV *Polyamide 6 + TPV gasket*	Gris Claro RAL 7035 *Light Grey RAL 7035* Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	310

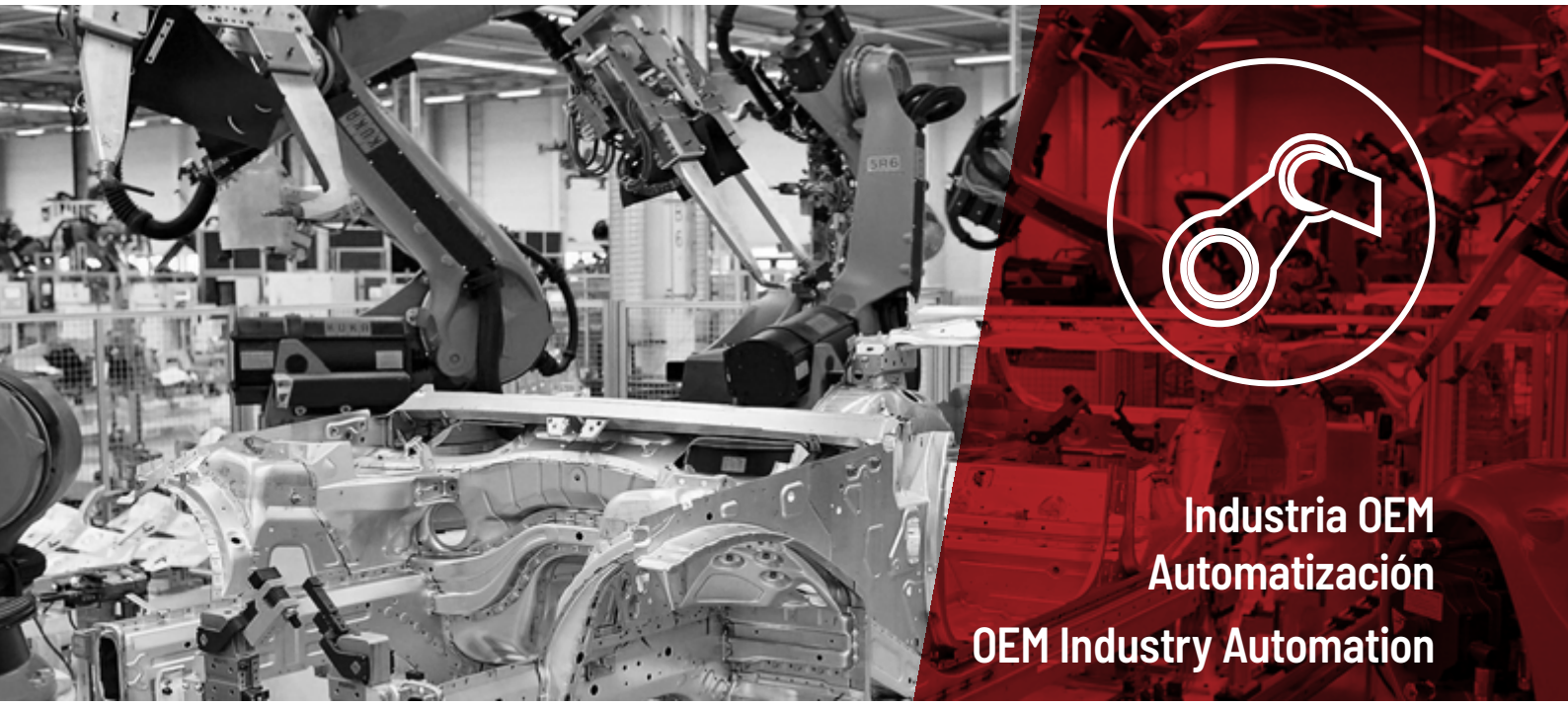
	🛒	Ⓜ	Color / *Colour*	🕮

Prensaestopas IRIS-M / *IRIS-M Cable gland*



M12-M63 PG07-PG48	Latón Niquelado + Junta TPV *Nickel plated brass + TPV gasket*	Metal	314

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Industria OEM
Automatización
OEM Industry Automation

Aplicaciones / *Applications*



Protección y conducción de cableado en equipos para Aplicaciones en Industria OEM y Alimentaria.

Protection and conduction of wiring in equipment for applications in the OEM and Food Industry.



Protección de cableado en Instalaciones de Automatización, Electrónica y Robótica.

Wiring protection in automation, electronics and robotics installations



Instalaciones industriales con requisitos de mecánicos y amplio rango de temperaturas.

Industrial installations with mechanical requirements and a wide range of temperatures.

Ventajas / *Advantages*



Amplia gama de producto.

Wide range of products.



Alta flexibilidad para equipos con alto grado de movimiento y aplicaciones dinámicas.

High flexibility for equipment with high degree of movement and dynamic applications



Protección y alta estanqueidad en equipos, IP68. IP65. Ventilación, evacuación de condensación interior.

Protection and high sealing in equipment, IP68 IP65. Ventilation and drainage indoor condensation.



Alto grado de protección mecánica y Resistencia a la corrosión.

High degree of mechanical protection and corrosion resistance.

Sistema de tubos *Conduit system*	DN	Ⓜ	Color / *Colour*	🕮

Racor adecuado *Suitable connector*	🛒	Ⓜ	Color / *Colour*	🕮

Tubo Poliamida LG-PA y ST-PA / *LG-PA and ST-PA Polyamide conduit*



DN7-DN48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	288



Racor REP / *REP Connector*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	290

Soporte Tubo / *Conduit support*

DN07-DN48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	298

Tubo Macroflex, RB-PA y RB-PU / *RB-PA and RB-PU Macroflex conduit*



DN07-DN95	Poliamida 6 *Polyamide 6* Poliamida 12 *Polyamide 12* Poliuretano *Polyurethane*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	289



Accesorios Robótica. Racor Recto / *Robotics Accessories. Straight Connector*

DN52-DN95	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	304

Accesorios Robótica. Abrazadera / *Robotics Accessories. Clamp*

DN52-DN70	Poliamida 12 *Polyamide 12*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	303

Tubo RINOX / *RINOX Conduit*



DN16-DN50	Acero Inoxidable AISI304 *AISI304 Stainless Steel*	Metal	278



Manguito Rinox / *Rinox Coupler*

DN16-DN50	Acero Inoxidable AISI316 *AISI316 Stainless Steel*	Metal	270

Abrazadera Pie RINOX

DN16-DN50	Acero Inoxidable AISI316 *AISI316 Stainless Steel*	Metal	270

Tubo RL / *RL Conduit*



DN16-DN63	Acero Electrocincado EZ *Electrogalvanised Steel EZ*	Metal	270



Manguito RL / *RL Coupler*

DN16-DN63	Acero Electrocincado EZ *Electrogalvanised Steel EZ*	Metal	265

Manguito Acomplamiento RL / *RL Coupling sleeve*

DN16-DN63	Acero Electrocincado EZ *Electrogalvanised Steel EZ*	Metal	265

	🛒	Ⓜ	Color / *Colour*	🕮

	🛒	Ⓜ	Color / *Colour*	🕮

Prensaestopas Ventilación IRIS-AIR / *IRIS-AIR Ventilation Cable Glands*



M12-M16 PG07-PG09	Poliamida + TPV Latón Niquelado	Negro RAL 9005 Black RAL 9005 Metal	319

Prensaestopas IRIS-M-Inox / *IRIS-M-INOX Cable Glands*



M12-M63 PG07-PG48	Latón Niquelado Nickel plated brass + Junta TPV	Metal	318

IRIS-M-EMC



M12-M63 PG07-PG48	Latón Niquelado + Silicona Nickel plated brass	Metal	315

IRIS-M-FLEX



M12-M63 PG07-PG48	Latón Niquelado Nickel plated brass + Junta TPV	Metal	316



Industria Pesada
Heavy Industry

Aplicaciones / *Applications*



Protección y conducción de cableado en plantas petroquímicas, Oil&Gas, Químicas.

Protection and conduction of cables in petrochemical, oil and gas, and chemical plants.



Adecuación para entornos húmedos o agresivos.

Suitable for humid or aggressive environments.



Instalaciones industriales con requisitos de mecánicos y amplio rango de temperaturas.

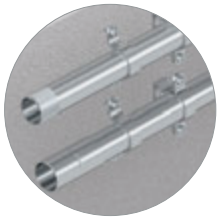
Industrial installations with mechanical requirements and a wide range of temperatures.

Ventajas / *Advantages*



Amplia gama de producto.

Wide range of products.



Acabados con alta resistencia a la corrosión. Galvanizado en caliente, Aluminio
Aluminium, Acero Inoxidable.

Finishes with high resistance to corrosion. Hot-dip galvanised, Aluminium, Stainless Steel.



Protección y alta estanqueidad en equipos, IP68, IP65. Soluciones atmósferas explosivas ATEX.

Protection and high sealing in equipment, IP68, IP65. Solutions for ATEX explosive atmospheres.



Resistencia altas temperaturas y grandientes de temperatura y Radiación UV.

Resistance to high temperatures, temperature ranges and UV radiation.

Sistema de tubos *Conduit system*	DN	Ⓜ	Color / *Colour*	🕮

Racor adecuado *Suitable connector*	🛁	Ⓜ	Color / *Colour*	🕮

Tubo RRGC y RLGC



DN16-DN63	Acero Galvanizado en Caliente *Hot Dip Galvanised Steel*	Metal	274



Manguito RRGC

M12-M63	Acero Galvanizado en Caliente *Hot Dip Galvanised Steel*	Metal	276

Manguito RL / *RL CouplerGC*

M12-M63	Acero Galvanizado en Caliente *Hot Dip Galvanised Steel*	Metal	265

Tubo RAL / *RAL Conduit*



DN16-DN63	Aluminio *Aluminium*	Metal	276



Manguito RAL / *RAL Coupler*

DN16-DN63	Aluminio *Aluminium*	Metal	278

Clip RAL / *RAL Clip*

DN16-DN63	Aluminio *Aluminium*	Metal	279

Tubo RINOX / *RINOX Conduit*



DN16-DN50	Acero Inoxidable AISI304 *AISI304 Stainless Steel*	Metal	278



Manguito Rinox / *Rinox Coupler*

DN16-DN50	Acero Inoxidable AISI316 *AISI316 Stainless Steel*	Metal	270

Abrazadera Pie RINOX / *RINOX Stand off clamp*

DN16-DN50	Acero Inoxidable AISI316 *AISI316 Stainless Steel*	Metal	270

Tubo ST-PA / *ST-PA Conduit*



DN07-DN48	Poliamida 6 *Polyamide 6*	Gris RAL 7011 *Grey RAL 7011* Negro RAL 9005 *Black RAL 9005*	288



Manguito REP / *REP Coupler*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7011 *Grey RAL 7011* Negro RAL 9005 *Black RAL 9005*	292

Soporte Tubo / *Conduit support*

DN07-DN48	Poliamida 6 *Polyamide 6*	Gris RAL 7011 *Grey RAL 7011* Negro RAL 9005 *Black RAL 9005*	298

	🛁	Ⓜ	Color / *Colour*	🕮

	🛁	Ⓜ	Color / *Colour*	🕮

Prensaestopas IRIS-M / *IRIS-M Cable gland*



M12-M63 PG07-PG48	Latón Niquelado + Junta TPV *Nickel plated brass + TPV gasket*	Metal	314

Prensaestopas HSK-M-EX / *HSK-M-EX Cable gland*



M12-M63 PG07-PG48	Latón Niquelado + Junta NBR *Nickel plated brass + NBR gasket*	Metal	323

IRIS-M-Altas Temperaturas / *IRIS-M-High Temperatures*



M12-M63 PG07-PG48	Latón Niquelado + Junta Silicona *Nickel Plated Brass + Silicone Gasket*	Metal	315

IRIS-M-XL



M12-M63 PG07-PG48	Latón Niquelado + Junta TPV *Nickel plated brass + TPV gasket*	Metal	316

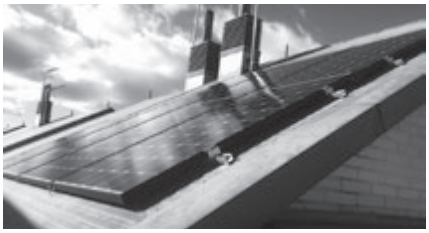
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Fotovoltáica, Autoconsumo, Renovables

Photovoltaic, Self-consumption, Renewables

Aplicaciones / *Applications*



Protección y conducción de cableado en instalaciones de Cubiertas Fotovoltacias y Autoconsumo.

Protection and cable management in Photovoltaic Roofing and Self-consumption installations.



Protección y conducción de cableado en Plantas Solares de Estructura fija o Seguidores de Eje.

Protection and cable management in Solar Plants with Fixed Structure or Axis Trackers.



Instalaciones y aplicaciones en Generadores Eólicos, Centrales Termosolares, Biomasa, etc.

Installations and applications in Wind Generators, Solar Thermal Power Plants, Biomass, etc.

Ventajas / *Advantages*



Amplia gama de producto

Wide range of products



Excelente comportamiento frente a la Radiación Ultravioleta y la Intemperie

Excellent performance against ultraviolet radiation and weather



Protección y alta estanqueidad, IP68. IP65, IP54.

Protection and high watertightness, IP68. IP65, IP54



Alto grado de protección mecánica y Resistencia a la corrosión.

High degree of mechanical protection and corrosion resistance

Sistema de tubos *Conduit system*	DN	Color / *Colour*	

Racor adecuado *Suitable connector*	Color / *Colour*	

Tubo Poliamida LG-PA y ST-PA



DN7-DN48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	288



Racor REP / *REP Connector*

M12-M63 PG07-PG48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	290

Soporte Tubo / Conduit support

DN07-DN48	Poliamida 6 *Polyamide 6*	Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	298

Tubo RPVC 1250 / *RPVC 1250 Conduit*

DN16-DN63	PVC	Gris Claro RAL 7035 *Light Grey RAL 7035*	263





Manguito RPVC / *RPVC Coupler*

DN16-DN63	PVC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	262

Racor a Cajas RPVC / *RPVC Box coupler*

DN16-DN63	PVC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	263

Tubo RL / *RL Conduit*

DN16-DN63	PC+ABS Libre de Halógenos *Halogen-free PC+ABS*	Gris Claro RAL 7035 *Light Grey RAL 7035*	260





Manguito RL / *RL Coupler*

DN16-DN63	PC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	262

Racor a Cajas RLH / *RLH Box coupler IP65*

DN16-DN63	PC+ABS	Gris Claro RAL 7035 *Light Grey RAL 7035*	263

Tubo RRGC y RLGC / *RRGC and RLGC Conduit*

DN16-DN63	Acero Galvanizado en Caliente *Hot Dip Galvanised Steel*	Metal	274





Manguito RRGC

M12-M63	Acero Galvanizado en Caliente *Hot Dip Galvanised Steel*	Metal	276

Manguito RL / *RL CouplerGC*

M12-M63	Acero Galvanizado en Caliente *Hot Dip Galvanised Steel*	Metal	265

		Color / *Colour*	

Prensaestopas IRIS-P / *IRIS-P Cable gland*



M12-M63 PG07-PG48	Poliamida 6 + Junta TPV *Polyamide 6 + TPV gasket*	Gris Claro RAL 7035 *Light Grey RAL 7035* Gris RAL 7001 *Grey RAL 7001* Negro RAL 9005 *Black RAL 9005*	310

		Color / *Colour*	

Prensaestopas IRIS-M / *IRIS-M Cable gland*



M12-M63 PG07-PG48	Latón Niquelado + Junta TPV *Nickel plated brass + TPV gasket*	Metal	314

Prensaestopas HSK-K / *HSK-K Cable gland*



M12-M63 PG07-PG48	Poliamida 6 + Junta NBR *Polyamide 6+ TPV gasket*	Gris Claro RAL 7035 *Light Grey RAL 7035* Negro RAL 9005 *Black RAL 9005*	321

Prensaestopas HSK-M / *HSK-M Cable gland*



M12-M63 PG07-PG48	Latón Niquelado +Junta NBR *Nickel plated brass + NBR gasket*	Metal	323

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Ref.	Ⓜ	Cod EAN	u	🕮
1001				
10011007	RAL 7011	8431927018311	25 m	280
10011009	RAL 7011	8431927018328	25 m	280
10011011	RAL 7011	8431927018335	25 m	280
10011013	RAL 7011	8431927018342	25 m	280
10011016	RAL 7011	8431927018359	25 m	280
10011021	RAL 7011	8431927018366	25 m	280
10011029	RAL 7011	8431927018373	25 m	280
10011036	RAL 7011	8431927018380	25 m	280
10011048	RAL 7011	8431927018397	20 m	280
10011209	RAL 7035	8431927092410	25 m	265, 280
10011211	RAL 7035	8431927092427	25 m	265, 280
10011213	RAL 7035	8431927046307	25 m	265, 280
10011216	RAL 7035	8431927046314	25 m	265, 280
10011221	RAL 7035	8431927046321	25 m	265, 280
10011229	RAL 7035	8431927092434	25 m	265, 280
10011236	RAL 7035	8431927092441	25 m	265, 280
10011248	RAL 7035	8431927092458	20 m	265, 280
1004				
10040007	RAL 7011	8431927017116	50 m	288
10040010	RAL 7011	8431927017123	50 m	288
10040012	RAL 7011	8431927017130	50 m	288
10040014	RAL 7011	8431927017147	50 m	288
10040017	RAL 7011	8431927017154	50 m	288
10040023	RAL 7011	8431927017161	50 m	288
10040029	RAL 7011	8431927017178	25 m	288
10040036	RAL 7011	8431927017185	25 m	288
10040048	RAL 7011	8431927017192	20 m	288
10040216	RAL 7035	8431927080776	100 m	265
10040220	RAL 7035	8431927080783	100 m	265
10040225	RAL 7035	8431927080790	75 m	265
10040232	RAL 7035	8431927080806	50 m	265
10040240	RAL 7035	8431927080813	25 m	265
10040250	RAL 7035	8431927080820	25 m	265
10041007	RAL 9005	8431927017208	50 m	288
10041010	RAL 9005	8431927017215	50 m	288
10041012	RAL 9005	8431927017222	50 m	288
10041014	RAL 9005	8431927017239	50 m	288
10041017	RAL 9005	8431927017246	50 m	288
10041023	RAL 9005	8431927017253	50 m	288
10041029	RAL 9005	8431927017260	25 m	288
10041036	RAL 9005	8431927017277	25 m	288
10041048	RAL 9005	8431927017284	20 m	288
10042007	RAL 7011	8431927017291	50 m	288
10042010	RAL 7011	8431927017307	50 m	288
10042012	RAL 7011	8431927017314	50 m	288
10042014	RAL 7011	8431927017321	50 m	288
10042017	RAL 7011	8431927017338	50 m	288
10042023	RAL 7011	8431927017345	50 m	288
10042029	RAL 7011	8431927017352	25 m	288
10042036	RAL 7011	8431927017369	25 m	288
10042048	RAL 7011	8431927017376	20 m	288
10043007	RAL 9005	8431927017383	50 m	288
10043010	RAL 9005	8431927017390	50 m	288
10043012	RAL 9005	8431927017406	50 m	288
10043014	RAL 9005	8431927017413	50 m	288
10043017	RAL 9005	8431927017420	50 m	288
10043023	RAL 9005	8431927017437	50 m	288
10043029	RAL 9005	8431927017444	25 m	288
10043036	RAL 9005	8431927017451	25 m	288
10043048	RAL 9005	8431927017468	20 m	288
10046007	RAL 7011	8431927040688	100 rol	289
10046010	RAL 7011	8431927040695	100 m	289
10046012	RAL 7011	8431927040701	50 m	289
10046017	RAL 7011	8431927016386	50 rol	289
10046023	RAL 7011	8431927016393	50 rol	289
10046029	RAL 7011	8431927016409	50 rol	289
10046036	RAL 7011	8431927022493	30 rol	289
10046048	RAL 7011	8431927022509	30 m	289
10046070	RAL 7011	8431927022523	30 rol	289

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1004				
10047007	RAL 9005	8431927040718	100 m	289
10047010	RAL 9005	8431927040725	100 m	289
10047012	RAL 9005	8431927040732	50 m	289
10047017	RAL 9005	8431927040749	50 m	289
10047023	RAL 9005	8431927040756	50 m	289
10047029	RAL 9005	8431927040763	50 m	289
10047036	RAL 9005	8431927022530	30 m	289
10047048	RAL 9005	8431927022547	30 m	289
10047052	RAL 9005	8431927022554	30 m	289
10047070	RAL 9005	8431927022561	10 m	289
10047095	RAL 9005	8431927101532	10 m	289
10048017	RAL 9005	8431927022578	50 m	289
10048023	RAL 9005	8431927022585	50 m	289
10048029	RAL 9005	8431927022592	50 m	289
10048036	RAL 9005	8431927022608	30 m	289
10048048	RAL 9005	8431927022615	30 m	289
10048052	RAL 9005	8431927022622	30 m	289
10048070	RAL 9005	8431927022639	30 m	289
1006				
10060052	RAL 7011	8431927019004	10 m	289
10060070	RAL 7011	8431927000347	10 m	289
10060095	RAL 7011	8431927000354	10 m	289
10060552	RAL 9005	8431927019011	10 m	289
10060570	RAL 9005	8431927000385	10 m	289
10060595	RAL 9005	8431927000392	10 m	289
1101				
11010021	PG	8431927000477	25 m	280
11010029	PG	8431927000484	25 m	280
11010036	PG	8431927000491	25 m	280
11010048	PG	8431927000507	20 m	280
11010107	PG	8431927035035	50 m	280
11010109	PG	8431927035042	50 m	280
11010111	PG	8431927035059	50 m	280
11010113	PG	8431927035066	50 m	280
11010116	PG	8431927035073	50 m	280
1102				
11020021	RAL 7031	8431927000569	25 m	281
11020029	RAL 7031	8431927000576	25 m	281
11020036	RAL 7031	8431927000583	25 m	281
11020048	RAL 7031	8431927000590	20 m	281
11020107	RAL 7031	8431927035080	50 m	281
11020109	RAL 7031	8431927035097	50 m	281
11020111	RAL 7031	8431927035103	50 m	281
11020113	RAL 7031	8431927035110	50 m	281
11020116	RAL 7031	8431927035127	50 m	281
1106				
11060021	RAL 7031	8431927000712	25 m	281
11060029	RAL 7031	8431927000729	25 m	281
11060036	RAL 7031	8431927000736	25 m	281
11060048	RAL 7031	8431927000743	20 m	281
11060107	RAL 7031	8431927017475	50 m	281
11060109	RAL 7031	8431927017482	50 m	281
11060111	RAL 7031	8431927017499	50 m	281
11060113	RAL 7031	8431927017505	50 m	281
11060116	RAL 7031	8431927017512	50 m	281
11060207	RAL 7035	8431927086990	50 m	281
11060209	RAL 7035	8431927087003	50 m	265, 281
11060211	RAL 7035	8431927087010	50 m	265, 281
11060213	RAL 7035	8431927087027	50 m	265, 281
11060216	RAL 7035	8431927087034	50 m	265, 281
11060221	RAL 7035	8431927087041	25 m	265, 281
11060229	RAL 7035	8431927087058	25 m	265, 281
11060236	RAL 7035	8431927087065	25 m	265, 281
11060248	RAL 7035	8431927087072	20 m	265, 281
1200				
12000004	RAL 7031	8431927021977	100 m	330

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1200				
12000006	RAL 7031	8431927021984	100 m	330
12000008	RAL 7031	8431927021991	100 rol	330
12000010	RAL 7031	8431927022004	100 m	330
12000012	RAL 7031	8431927022011	100 m	330
12000016	RAL 7031	8431927022028	100 m	330
12000020	RAL 7031	8431927022035	100 m	330
12000025	RAL 7031	8431927022042	100 m	330
12000030	RAL 7031	8431927022059	50 m	330
12000040	RAL 7031	8431927022066	50 m	330
12000050	RAL 7031	8431927022073	50 m	330
12000060	RAL 7031	8431927022080	50 m	330
12000104	RAL 9005	8431927022097	100 m	330
12000106	RAL 9005	8431927022103	100 rol	330
12000108	RAL 9005	8431927022110	100 m	330
12000110	RAL 9005	8431927022127	100 m	330
12000112	RAL 9005	8431927022134	100 m	330
12000116	RAL 9005	8431927022141	100 m	330
12000120	RAL 9005	8431927022158	100 m	330
12000125	RAL 9005	8431927022165	100 m	330
12000130	RAL 9005	8431927022172	50 m	330
12000140	RAL 9005	8431927022189	50 m	330
12000150	RAL 9005	8431927022196	50 m	330
12000160	RAL 9005	8431927022202	50 m	330
12001004	RAL 7031	8431927022219	100 rol	330
12001006	RAL 7031	8431927022226	100 rol	330
12001008	RAL 7031	8431927022233	100 m	330
12001010	RAL 7031	8431927022240	100 rol	330
12001012	RAL 7031	8431927022257	100 rol	330
12001016	RAL 7031	8431927022264	100 rol	330
12001020	RAL 7031	8431927022271	100 rol	330
12001025	RAL 7031	8431927022288	100 rol	330
12001030	RAL 7031	8431927022295	50 m	330
12001040	RAL 7031	8431927022301	50 rol	330
12001050	RAL 7031	8431927022318	50 rol	330
12001060	RAL 7031	8431927022325	50 rol	330
1300				
13005116	RAL 7035	8431927067333	100 m	260
13005120	RAL 7035	8431927067340	100 m	260
13005125	RAL 7035	8431927067357	100 m	260
13005132	RAL 7035	8431927067364	100 m	260
13005140	RAL 7035	8431927067371	100 m	260
13005150	RAL 7035	8431927067388	100 m	260
13005163	RAL 7035	8431927067395	100 m	260
13006116	RAL 7035	8431927067401	100 m	260
13006120	RAL 7035	8431927067418	100 m	260
13006125	RAL 7035	8431927067425	100 m	260
13006132	RAL 7035	8431927067432	100 m	260
13006140	RAL 7035	8431927067449	100 m	260
13006150	RAL 7035	8431927067456	100 m	260
13006163	RAL 7035	8431927067463	100 m	260
1302				
13020016	AL	8431927026545	3 m	276
13020020	AL	8431927026552	3 m	276
13020025	AL	8431927026569	3 m	276
13020032	AL	8431927026576	3 m	276
13020040	AL	8431927026583	3 m	276
13020050	AL	8431927026590	3 m	276
13020063	AL	8431927026606	3 m	276
13021016	304L	8431927091826	3 m	278
13021020	304L	8431927026682	3 m	278
13021025	304L	8431927026699	3 m	278
13021032	304L	8431927026705	3 m	278
13021040	304L	8431927026712	3 m	278
13021050	304L	8431927091833	3 m	278
1303				
13030016	EZ	8431927019172	3 m	270
13030020	EZ	8431927019189	3 m	270
13030025	EZ	8431927019196	3 m	270

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1303				
13030032	EZ	8431927019202	3 m	270
13030040	EZ	8431927019219	3 m	270
13030050	EZ	8431927019226	3 m	270
13030063	EZ	8431927019233	3 m	270
13030116	GC	8431927091031	3 m	274
13030120	GC	8431927087683	3 m	274
13030125	GC	8431927087690	3 m	274
13030132	GC	8431927087706	3 m	274
13030140	GC	8431927087713	3 m	274
13030150	GC	8431927091048	3 m	274
13030163	GC	8431927091055	3 m	274
1304				
13040016	EZ	8431927021748	3 m	270
13040020	EZ	8431927021755	3 m	270
13040025	EZ	8431927021762	3 m	270
13040032	EZ	8431927021779	3 m	270
13040040	EZ	8431927021786	3 m	270
13040050	EZ	8431927021793	3 m	270
13040063	EZ	8431927021809	3 m	270
13040116	GC	8431927091062	3 m	274
13040120	GC	8431927091079	3 m	274
13040125	GC	8431927091086	3 m	274
13040132	GC	8431927091093	3 m	274
13040140	GC	8431927091109	3 m	274
13040150	GC	8431927091116	3 m	274
13040163	GC	8431927091123	3 m	274
1305				
13050116	RAL 7035	8431927067470	100 m	263
13050120	RAL 7035	8431927067487	100 m	263
13050125	RAL 7035	8431927067494	100 m	263
13050132	RAL 7035	8431927067500	100 m	263
13050140	RAL 7035	8431927067517	100 m	263
13050150	RAL 7035	8431927067524	100 m	263
13050163	RAL 7035	8431927067531	100 m	263
1306				
13060116	RAL 7035	8431927085337	100 m	263
13060120	RAL 7035	8431927085344	100 m	263
13060125	RAL 7035	8431927085351	100 m	263
13060132	RAL 7035	8431927085368	100 m	263
13060140	RAL 7035	8431927085375	100 m	263
13060150	RAL 7035	8431927085382	100 m	263
13060163	RAL 7035	8431927085399	100 m	263
2001				
20010007	RAL 7035	8431927000750	50 un	310
20010009	RAL 7035	8431927000767	50 un	310
20010011	RAL 7035	8431927000774	50 un	310
20010013	RAL 7035	8431927000781	50 un	310
20010016	RAL 7035	8431927000798	50 un	310
20010021	RAL 7035	8431927000804	50 un	310
20010029	RAL 7035	8431927000811	25 un	310
20010036	RAL 7035	8431927000828	10 un	310
20011120	RAL 7035	8431927041746	50 un	310
20011160	RAL 7035	8431927041753	50 un	310
20011161	RAL 7035	8431927041760	50 un	310
20011200	RAL 7035	8431927041777	50 un	310
20011201	RAL 7035	8431927041784	50 un	310
20011250	RAL 7035	8431927041791	50 un	310
2005				
20050007	LN	8431927000842	50 un	313
20050009	LN	8431927000859	50 un	313
20050011	LN	8431927000866	50 un	313
20050013	LN	8431927000873	50 un	313
20050016	LN	8431927000880	50 un	313
20050021	LN	8431927000897	25 un	313
20050029	LN	8431927000903	25 un	313
20050036	LN	8431927000910	10 un	313

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2005				
20050048	LN	8431927000927	5 un	313
20051120	LN	8431927042668	50 un	313
20051160	LN	8431927042675	50 un	313
20051200	LN	8431927042682	50 un	313
20051250	LN	8431927042699	50 un	313
20051320	LN	8431927042705	25 un	313
20051400	LN	8431927042712	10 un	313
20051500	LN	8431927042729	5 un	313
20051630	LN	8431927042736	5 un	313
2006				
20060007	LN	8431927019165	50 un	313
20060009	LN	8431927000934	50 un	313
20060011	LN	8431927000941	50 un	313
20060013	LN	8431927000958	50 un	313
20060016	LN	8431927000965	50 un	313
20060021	LN	8431927000972	25 un	313
20060029	LN	8431927000989	25 un	313
20060036	LN	8431927000996	10 un	313
20060048	LN	8431927001009	5 un	313
2101				
21012007	RAL 7035	8431927097156	100 bol	319
21012009	RAL 7035	8431927097163	50 bol	319
21013120	RAL 7035	8431927097170	100 un	319
21013160	RAL 7035	8431927097187	50 un	319
21013161	RAL 7035	8431927097194	50 un	319
2102				
21022007	RAL 9005	8431927097200	100 un	319
21022009	RAL 9005	8431927097217	50 un	319
21023120	RAL 9005	8431927097224	100 un	319
21023160	RAL 9005	8431927097231	50 un	319
21023161	RAL 9005	8431927097248	50 un	319
2103				
21030007	LN	8431927042453	50 un	314
21030009	LN	8431927042460	50 un	314
21030011	LN	8431927042477	50 un	314
21030013	LN	8431927042484	50 un	314
21030016	LN	8431927042491	50 un	314
21030021	LN	8431927042507	50 un	314
21030029	LN	8431927042514	25 un	314
21030036	LN	8431927042521	10 un	314
21030042	LN	8431927042538	5 un	314
21030048	LN	8431927042545	5 un	314
21031120	LN	8431927019646	50 un	314
21031160	LN	8431927019653	50 un	314
21031200	LN	8431927019660	50 un	314
21031250	LN	8431927019677	25 un	314
21031320	LN	8431927019684	25 un	314
21031400	LN	8431927019691	10 un	314
21031500	LN	8431927019707	5 un	314
21031630	LN	8431927019714	5 un	314
21034007	LN	8431927097255	100 un	315
21034009	LN	8431927097262	50 un	315
21034011	LN	8431927097279	50 un	315
21034013	LN	8431927097286	50 un	315
21034016	LN	8431927097293	50 un	315
21034021	LN	8431927097309	25 un	315
21034029	LN	8431927097316	20 un	315
21034036	LN	8431927097323	10 un	315
21034042	LN	8431927097330	5 un	315
21034048	LN	8431927097347	5 un	315
21035120	LN	8431927097538	100 un	315
21035160	LN	8431927097545	50 un	315
21035200	LN	8431927097552	50 un	315
21035250	LN	8431927097569	25 un	315
21035320	LN	8431927097576	20 un	315
21035400	LN	8431927097583	10 un	315
21035500	LN	8431927097590	5 un	315

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2103				
21035630	LN	8431927097606	5 un	315
21036007	LN	8431927097613	100 un	314
21036009	LN	8431927097620	50 un	314
21036011	LN	8431927097637	50 un	314
21036013	LN	8431927097644	50 un	314
21036016	LN	8431927097651	50 un	314
21036021	LN	8431927097668	25 bol	314
21036029	LN	8431927097675	10 un	314
21036036	LN	8431927097682	10 bol	314
21036042	LN	8431927097699	5 un	314
21036048	LN	8431927097705	5 un	314
21037120	LN	8431927097729	100 un	314
21037160	LN	8431927097736	50 un	314
21037200	LN	8431927097743	50 un	314
21037250	LN	8431927097767	25 un	314
21037320	LN	8431927097774	10 un	314
21037400	LN	8431927097781	10 un	314
21037500	LN	8431927097798	5 un	314
21037630	LN	8431927097811	5 un	314
21038007	LN	8431927097835	100 un	315
21038009	LN	8431927106421	50 bol	315
21038011	LN	8431927106438	50 bol	315
21038013	LN	8431927097866	50 un	315
21038016	LN	8431927097873	50 un	315
21038021	LN	8431927097880	25 un	315
21038029	LN	8431927097897	20 un	315
21038036	LN	8431927097903	10 un	315
21038042	LN	8431927106445	5 bol	315
21038048	LN	8431927106452	5 bol	315
21039120	LN	8431927097934	100 un	315
21039160	LN	8431927106469	50 un	315
21039200	LN	8431927097958	50 un	315
21039250	LN	8431927097965	25 un	315
21039320	LN	8431927097972	20 un	315
21039400	LN	8431927097989	10 un	315
21039500	LN	8431927097996	5 un	315
21039630	LN	8431927106476	5 bol	315
2104				
21040007	RAL 7035	8431927041852	50 un	310
21040009	RAL 7035	8431927041869	50 un	310
21040011	RAL 7035	8431927041876	50 un	310
21040013	RAL 7035	8431927041883	50 un	310
21040016	RAL 7035	8431927041890	50 un	310
21040021	RAL 7035	8431927041906	50 un	310
21040029	RAL 7035	8431927041913	25 un	310
21040036	RAL 7035	8431927041920	10 un	310
21040042	RAL 7035	8431927041937	5 un	310
21040048	RAL 7035	8431927041944	5 un	310
21041120	RAL 7035	8431927041951	50 un	310
21041160	RAL 7035	8431927041968	50 un	310
21041161	RAL 7035	8431927041975	50 un	310
21041200	RAL 7035	8431927041982	50 un	310
21041201	RAL 7035	8431927041999	50 un	310
21041250	RAL 7035	8431927042002	50 un	310
21041320	RAL 7035	8431927042019	25 un	310
21041400	RAL 7035	8431927042026	10 un	310
21041500	RAL 7035	8431927042033	5 un	310
21041630	RAL 7035	8431927042040	5 un	310
21044007	RAL 7035	8431927098016	100 un	311
21044009	RAL 7035	8431927098023	100 un	311
21044011	RAL 7035	8431927098030	100 un	311
21044013	RAL 7035	8431927098047	100 un	311
21044016	RAL 7035	8431927098054	100 un	311
21044021	RAL 7035	8431927098061	50 un	311
21045120	RAL 7035	8431927098078	100 un	311
21045160	RAL 7035	8431927098085	100 un	311
21045161	RAL 7035	8431927098092	100 un	311
21045200	RAL 7035	8431927098108	50 un	311
21045201	RAL 7035	8431927098115	100 un	311

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2104				
21045250	RAL 7035	8431927098122	50 un	311
21045320	RAL 7035	8431927098139	25 un	311
21045400	RAL 7035	8431927098146	10 un	311
21046007	RAL 7035	8431927098153	100 un	311
21046009	RAL 7035	8431927098160	100 un	311
21046011	RAL 7035	8431927098177	100 un	311
21046013	RAL 7035	8431927098184	100 un	311
21046016	RAL 7035	8431927098191	100 un	311
21046021	RAL 7035	8431927098207	50 un	311
21047120	RAL 7035	8431927098214	100 un	311
21047160	RAL 7035	8431927098221	100 un	311
21047161	RAL 7035	8431927098238	100 un	311
21047200	RAL 7035	8431927098245	100 un	311
21047201	RAL 7035	8431927098252	100 un	311
21047250	RAL 7035	8431927098269	50 un	311
21048007	RAL 7035	8431927098276	100 un	311
21048009	RAL 7035	8431927098283	100 un	311
21048011	RAL 7035	8431927098290	100 un	311
21048013	RAL 7035	8431927098306	100 un	311
21048016	RAL 7035	8431927098313	100 un	311
21048021	RAL 7035	8431927098320	50 un	311
21049120	RAL 7035	8431927098337	100 un	311
21049160	RAL 7035	8431927098344	100 un	311
21049161	RAL 7035	8431927098351	100 un	311
21049200	RAL 7035	8431927098368	100 un	311
21049201	RAL 7035	8431927098375	100 un	311
21049250	RAL 7035	8431927098382	50 un	311
2105				
21050007	RAL 9005	8431927042057	50 un	310
21050009	RAL 9005	8431927042064	50 un	310
21050011	RAL 9005	8431927042071	50 un	310
21050013	RAL 9005	8431927042088	50 un	310
21050016	RAL 9005	8431927042095	50 un	310
21050021	RAL 9005	8431927042101	50 un	310
21050029	RAL 9005	8431927042118	25 un	310
21050036	RAL 9005	8431927042125	10 un	310
21050042	RAL 9005	8431927042132	5 un	310
21050048	RAL 9005	8431927042149	5 un	310
21051120	RAL 9005	8431927042156	50 un	310
21051160	RAL 9005	8431927042163	50 un	310
21051161	RAL 9005	8431927042170	50 un	310
21051200	RAL 9005	8431927042187	50 un	310
21051201	RAL 9005	8431927042194	50 un	310
21051250	RAL 9005	8431927042200	50 un	310
21051320	RAL 9005	8431927042217	25 un	310
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21051500	RAL 9005	8431927042231	5 un	310
21051630	RAL 9005	8431927042248	5 un	310
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21056009	RAL 9005	8431927098405	100 un	311
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21056013	RAL 9005	8431927098429	100 un	311
21056016	RAL 9005	8431927098436	100 un	311
21056021	RAL 9005	8431927098443	50 un	311
21057120	RAL 9005	8431927098450	100 un	311
21057160	RAL 9005	8431927098467	100 un	311
21057161	RAL 9005	8431927098474	100 un	311
21057200	RAL 9005	8431927098481	100 un	311
21057201	RAL 9005	8431927098498	100 un	311
21057250	RAL 9005	8431927098504	50 un	311
21058007	RAL 9005	8431927098511	100 un	311
21058009	RAL 9005	8431927098528	100 un	311
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21058013	RAL 9005	8431927098542	100 un	311
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21058021	RAL 9005	8431927098566	50 un	311
21059120	RAL 9005	8431927098573	100 un	311
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21059161	RAL 9005	8431927098597	100 un	311

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21059201	RAL 9005	8431927098610	100 un	311
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21060009	RAL 7001	8431927044723	50 un	310
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21060016	RAL 7001	8431927044754	50 un	310
21060021	RAL 7001	8431927044761	50 un	310
21060029	RAL 7001	8431927044778	25 un	310
21060036	RAL 7001	8431927044785	10 un	310
21060042	RAL 7001	8431927044792	5 un	310
21060048	RAL 7001	8431927044808	5 un	310
21061120	RAL 7001	8431927044815	50 un	310
21061160	RAL 7001	8431927044822	50 un	310
21061161	RAL 7001	8431927044839	50 un	310
21061200	RAL 7001	8431927044846	50 un	310
21061201	RAL 7001	8431927044853	50 un	310
21061250	RAL 7001	8431927044860	50 un	310
21061320	RAL 7001	8431927044877	25 un	310
21061400	RAL 7001	8431927044884	10 un	310
21061500	RAL 7001	8431927044891	5 un	310
21061630	RAL 7001	8431927044907	5 un	310
2107				
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21070009	303	8431927098641	50 un	319
21070011	303	8431927098658	50 un	319
21070013	303	8431927098665	50 un	319
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21071160	303	8431927098689	50 un	319
21071161	303	8431927098696	50 un	319
21071200	303	8431927098702	50 un	319
21072007	303	8431927098719	100 un	319
21072009	303	8431927098726	50 un	319
21072011	303	8431927098733	50 un	319
21072013	303	8431927098740	50 un	319
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21074009	LN	8431927098764	50 un	319
21074011	LN	8431927098771	50 un	319
21074013	LN	8431927098788	50 un	319
21075120	LN	8431927098825	100 un	319
21075160	LN	8431927098832	50 un	319
21075161	LN	8431927098849	50 un	319
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21076011	LN	8431927098887	50 un	319
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21077120	LN	8431927098900	100 un	319
21077160	LN	8431927098917	50 un	319
21077161	LN	8431927098924	50 un	319
2108				
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21080009	LN	8431927099105	50 un	316
21080011	LN	8431927099112	50 un	316
21080013	LN	8431927099129	50 un	316
21080016	LN	8431927099136	50 un	316
21080021	LN	8431927099143	25 un	316
21081120	LN	8431927099150	100 un	316
21081160	LN	8431927099167	50 un	316
21081200	LN	8431927099174	50 un	316
21081250	LN	8431927099181	50 un	316
21081320	LN	8431927099198	50 un	316
21082007	LN	8431927099204	100 un	316

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21082011	LN	8431927099228	50 un	316
21082013	LN	8431927099235	50 un	316
21082016	LN	8431927099242	50 un	316
21082021	LN	8431927099259	25 un	316
21083120	LN	8431927099266	100 un	316
21083160	LN	8431927099273	50 un	316
21083200	LN	8431927099280	50 un	316
21083250	LN	8431927099297	50 un	316
21083320	LN	8431927099303	50 un	316
21084007	303	8431927097439	100 un	318
21084009	303	8431927097446	50 un	318
21084011	303	8431927097453	50 un	318
21084013	303	8431927097460	50 un	318
21084016	303	8431927097477	50 un	318
21084021	303	8431927097484	25 un	318
21084029	303	8431927097491	20 un	318
21084036	303	8431927097507	10 un	318
21084042	303	8431927097514	5 un	318
21084048	303	8431927097521	5 un	318
21085120	303	8431927097354	100 un	318
21085160	303	8431927097361	50 un	318
21085200	303	8431927097378	50 un	318
21085250	303	8431927097385	25 un	318
21085320	303	8431927097392	20 un	318
21085400	303	8431927097408	10 un	318
21085500	303	8431927097415	5 un	318
21085630	303	8431927097422	5 un	318
21087630	LN	8431927099051	5 un	316
21087750	LN	8431927099068	2 un	316
21087800	LN	8431927099075	2 un	316
21087900	LN	8431927099082	1 un	316
2113				
21130016	LN	8431927116239	100 un	317
21130021	LN	8431927116246	100 un	317
21130029	LN	8431927116253	100 un	317
21130036	LN	8431927116260	100 un	317
21130042	LN	8431927116277	100 un	317
21130048	LN	8431927116284	100 un	317
21131250	LN	8431927116291	100 un	317
21131320	LN	8431927116307	100 un	317
21131400	LN	8431927116314	100 un	317
21131500	LN	8431927116321	100 un	317
21131630	LN	8431927116338	100 un	317
2114				
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21140021	RAL 7035	8431927116352	100 un	312
21140029	RAL 7035	8431927116369	100 un	312
21140036	RAL 7035	8431927116376	100 un	312
21140042	RAL 7035	8431927116383	100 un	312
21140048	RAL 7035	8431927116390	100 un	312
21141201	RAL 7035	8431927116406	100 un	312
21141250	RAL 7035	8431927116413	100 un	312
21141320	RAL 7035	8431927116420	100 un	312
21141400	RAL 7035	8431927116437	100 un	312
21141500	RAL 7035	8431927116444	100 un	312
21141630	RAL 7035	8431927116451	100 un	312
2115				
21150016	RAL 9005	8431927116468	100 un	312
21150021	RAL 9005	8431927116475	100 un	312
21150029	RAL 9005	8431927116482	100 un	312
21150036	RAL 9005	8431927116499	100 un	312
21150042	RAL 9005	8431927116505	100 un	312
21150048	RAL 9005	8431927116512	100 un	312
21151201	RAL 9005	8431927116529	100 un	312
21151250	RAL 9005	8431927116536	100 un	312
21151320	RAL 9005	8431927116543	100 un	312
21151400	RAL 9005	8431927116550	100 un	312

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21151630	RAL 9005	8431927116574	100 un	312
2116				
21160016	RAL 7001	8431927116581	100 un	312
21160021	RAL 7001	8431927116598	100 un	312
21160029	RAL 7001	8431927116604	100 un	312
21160036	RAL 7001	8431927116611	100 un	312
21160042	RAL 7001	8431927116628	100 un	312
21160048	RAL 7001	8431927116635	100 un	312
21161201	RAL 7001	8431927116642	100 un	312
21161250	RAL 7001	8431927116659	100 un	312
21161320	RAL 7001	8431927116666	100 un	312
21161400	RAL 7001	8431927116673	100 un	312
21161500	RAL 7001	8431927116680	100 un	312
21161630	RAL 7001	8431927116697	100 un	312
2123				
21230009	LN	8431927116703	100 un	317
21230011	LN	8431927116710	100 un	317
21231160	LN	8431927116727	100 un	317
2124				
21240009	RAL 7035	8431927116734	100 un	312
21240011	RAL 7035	8431927116741	100 un	312
21241160	RAL 7035	8431927116758	100 un	312
21241161	RAL 7035	8431927116765	100 un	312
2125				
21250009	RAL 9005	8431927116772	100 un	312
21250011	RAL 9005	8431927116789	100 un	312
21251160	RAL 9005	8431927116796	100 un	312
21251161	RAL 9005	8431927116802	100 un	312
2126				
21260009	RAL 7001	8431927116819	100 un	312
21260011	RAL 7001	8431927116826	100 un	312
21261160	RAL 7001	8431927116833	100 un	312
21261161	RAL 7001	8431927116840	100 un	312
2133				
21330011	LN	8431927116857	100 un	317
21330013	LN	8431927116864	100 un	317
21330016	LN	8431927116871	100 un	317
21330021	LN	8431927116888	100 un	317
21331200	LN	8431927116895	100 un	317
21331250	LN	8431927116901	100 un	317
21331320	LN	8431927116918	100 un	317
2134				
21340011	RAL 7035	8431927116925	100 un	312
21340013	RAL 7035	8431927116932	100 un	312
21340016	RAL 7035	8431927116949	100 un	312
21340021	RAL 7035	8431927116956	100 un	312
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21341201	RAL 7035	8431927116987	100 un	312
21341250	RAL 7035	8431927116994	100 un	312
2135				
21350011	RAL 9005	8431927117007	100 un	312
21350013	RAL 9005	8431927117014	100 un	312
21350016	RAL 9005	8431927117021	100 un	312
21350021	RAL 9005	8431927117038	100 un	312
21351161	RAL 9005	8431927117045	100 un	312
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21351201	RAL 9005	8431927117069	100 un	312
21351250	RAL 9005	8431927117076	100 un	312
2136				
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21360013	RAL 7001	8431927117090	100 un	312

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21360021	RAL 7001	8431927117113	100 un	312
21361161	RAL 7001	8431927117120	100 un	312
21361200	RAL 7001	8431927117137	100 un	312
21361201	RAL 7001	8431927117144	100 un	312
21361250	RAL 7001	8431927117151	100 un	312
2143				
21430009	LN	8431927117168	100 un	317
21430021	LN	8431927117175	100 un	317
21430029	LN	8431927117182	100 un	317
21431160	LN	8431927117199	100 un	317
21431320	LN	8431927117205	100 un	317
21431400	LN	8431927117212	100 un	317
2144				
21440009	RAL 7035	8431927117229	100 un	312
21440021	RAL 7035	8431927117236	100 un	312
21440029	RAL 7035	8431927117243	100 un	312
21441160	RAL 7035	8431927117250	100 un	312
21441250	RAL 7035	8431927117267	100 un	312
21441320	RAL 7035	8431927117274	100 un	312
2145				
21450009	RAL 9005	8431927117281	100 un	312
21450021	RAL 9005	8431927117298	100 un	312
21450029	RAL 9005	8431927117304	100 un	312
21451160	RAL 9005	8431927117311	100 un	312
21451250	RAL 9005	8431927117328	100 un	312
21451320	RAL 9005	8431927117335	100 un	312
2146				
21460009	RAL 7001	8431927117342	100 un	312
21460021	RAL 7001	8431927117359	100 un	312
21460029	RAL 7001	8431927117366	100 un	312
21461160	RAL 7001	8431927117373	100 un	312
21461250	RAL 7001	8431927117380	100 un	312
21461320	RAL 7001	8431927117397	100 un	312
2153				
21530011	LN	8431927117403	100 un	317
21530013	LN	8431927117410	100 un	317
21530016	LN	8431927117427	100 un	317
21530021	LN	8431927117434	100 un	317
21531200	LN	8431927117441	100 un	317
21531250	LN	8431927117458	100 un	317
21531320	LN	8431927117465	100 un	317
2154				
21540011	RAL 7035	8431927117472	100 un	312
21540013	RAL 7035	8431927117489	100 un	312
21540016	RAL 7035	8431927117496	100 un	312
21540021	RAL 7035	8431927117502	100 un	312
21541161	RAL 7035	8431927117519	100 un	312
21541200	RAL 7035	8431927117526	100 un	312
21541201	RAL 7035	8431927117533	100 un	312
21541250	RAL 7035	8431927117540	100 un	312
2155				
21550011	RAL 9005	8431927117557	100 un	312
21550013	RAL 9005	8431927117564	100 un	312
21550016	RAL 9005	8431927117571	100 un	312
21550021	RAL 9005	8431927117588	100 un	312
21551161	RAL 9005	8431927117595	100 un	312
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21551201	RAL 9005	8431927117618	100 un	312
21551250	RAL 9005	8431927117625	100 un	312
2156				
21560011	RAL 7001	8431927117632	100 un	312
21560013	RAL 7001	8431927117649	100 un	312
21560016	RAL 7001	8431927117656	100 un	312

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21561161	RAL 7001	8431927117670	100 un	312
21561200	RAL 7001	8431927117687	100 un	312
21561201	RAL 7001	8431927117694	100 un	312
21561250	RAL 7001	8431927117700	100 un	312
2163				
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21630016	LN	8431927117724	100 un	317
21630021	LN	8431927117731	100 un	317
21631160	LN	8431927117748	100 un	317
21631250	LN	8431927117755	100 un	317
21631320	LN	8431927117762	100 un	317
2164				
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21640016	RAL 7035	8431927117786	100 un	312
21640021	RAL 7035	8431927117793	100 un	312
21641160	RAL 7035	8431927117809	100 un	312
21641201	RAL 7035	8431927117816	100 un	312
21641250	RAL 7035	8431927117823	100 un	312
2165				
21650009	RAL 9005	8431927117830	100 un	312
21650016	RAL 9005	8431927117847	100 un	312
21650021	RAL 9005	8431927117854	100 un	312
21651160	RAL 9005	8431927117861	100 un	312
21651201	RAL 9005	8431927117878	100 un	312
21651250	RAL 9005	8431927117885	100 un	312
2166				
21660009	RAL 7001	8431927117892	100 un	312
21660016	RAL 7001	8431927117908	100 un	312
21660021	RAL 7001	8431927117915	100 un	312
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21661201	RAL 7001	8431927117939	100 un	312
21661250	RAL 7001	8431927117946	100 un	312
2183				
21830021	LN	8431927117953	100 un	317
21830029	LN	8431927117960	100 un	317
21831320	LN	8431927117977	100 un	317
21831400	LN	8431927117984	100 un	317
2184				
21840021	RAL 7035	8431927117991	100 un	312
21840029	RAL 7035	8431927118004	100 un	312
21841250	RAL 7035	8431927118011	100 un	312
21841320	RAL 7035	8431927118028	100 un	312
2185				
21850021	RAL 9005	8431927118035	100 un	312
21850029	RAL 9005	8431927118042	100 un	312
21851250	RAL 9005	8431927118059	100 un	312
21851320	RAL 9005	8431927118066	100 un	312
2186				
21860021	RAL 7001	8431927118073	100 un	312
21860029	RAL 7001	8431927118080	100 un	312
21861250	RAL 7001	8431927118097	100 un	312
21861320	RAL 7001	8431927118103	100 un	312
2193				
21930013	LN	8431927118110	100 un	318
21930016	LN	8431927118127	100 un	318
21930021	LN	8431927118134	100 un	318
21931200	LN	8431927118141	100 un	318
21931250	LN	8431927118158	100 un	318
21931320	LN	8431927118165	100 un	318
2194				
21940013	RAL 7035	8431927118172	100 un	313

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2194				
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21940021	RAL 7035	8431927118196	100 un	313
21941200	RAL 7035	8431927118202	100 un	313
21941250	RAL 7035	8431927118219	100 un	313
2195				
21950013	RAL 9005	8431927118226	100 un	313
21950016	RAL 9005	8431927118233	100 un	313
21950021	RAL 9005	8431927118240	100 un	313
21951200	RAL 9005	8431927118257	100 un	313
21951250	RAL 9005	8431927118264	100 un	313
2196				
21960013	RAL 7001	8431927118271	100 un	313
21960016	RAL 7001	8431927118288	100 un	313
21960021	RAL 7001	8431927118295	100 un	313
21961200	RAL 7001	8431927118301	100 un	313
21961250	RAL 7001	8431927118318	100 un	313
2201				
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22010009	RAL 7035	8431927001146	50 un	321
22010011	RAL 7035	8431927001153	50 un	321
22010013	RAL 7035	8431927001160	50 un	321
22010016	RAL 7035	8431927001177	50 un	321
22010021	RAL 7035	8431927001184	50 un	321
22010029	RAL 7035	8431927001191	25 un	321
22010036	RAL 7035	8431927001207	10 un	321
22010048	RAL 7035	8431927001214	5 un	321
22011120	RAL 7035	8431927001221	50 un	321
22011160	RAL 7035	8431927001238	50 un	321
22011161	RAL 7035	8431927001245	50 un	321
22011200	RAL 7035	8431927001252	50 un	321
22011201	RAL 7035	8431927001269	50 un	321
22011250	RAL 7035	8431927001276	50 un	321
22011320	RAL 7035	8431927001283	25 un	321
22011400	RAL 7035	8431927001290	10 un	321
22011500	RAL 7035	8431927014993	5 un	321
22011630	RAL 7035	8431927001306	5 un	321
22012007	RAL 9005	8431927019721	50 un	321
22012009	RAL 9005	8431927019738	50 un	321
22012011	RAL 9005	8431927019745	50 un	321
22012013	RAL 9005	8431927019752	50 un	321
22012016	RAL 9005	8431927019769	50 un	321
22012021	RAL 9005	8431927019776	50 un	321
22012029	RAL 9005	8431927019783	25 un	321
22012036	RAL 9005	8431927019790	10 un	321
22012048	RAL 9005	8431927019806	5 un	321
22013120	RAL 9005	8431927019813	50 un	321
22013160	RAL 9005	8431927019820	50 un	321
22013161	RAL 9005	8431927019837	50 un	321
22013200	RAL 9005	8431927019844	50 un	321
22013201	RAL 9005	8431927019851	50 un	321
22013250	RAL 9005	8431927019868	50 un	321
22013320	RAL 9005	8431927019875	25 un	321
22013400	RAL 9005	8431927019882	10 un	321
22013500	RAL 9005	8431927019899	5 un	321
22013630	RAL 9005	8431927019905	5 un	321
22014007	RAL 7035	8431927019912	50 un	321
22014009	RAL 7035	8431927019929	50 un	321
22014011	RAL 7035	8431927019936	50 un	321
22014013	RAL 7035	8431927019943	50 un	321
22014016	RAL 7035	8431927019950	50 un	321
22014021	RAL 7035	8431927019967	50 un	321
22014029	RAL 7035	8431927019974	25 un	321
22014036	RAL 7035	8431927019981	10 un	321
22014048	RAL 7035	8431927019998	5 un	321
22015120	RAL 7035	8431927020000	50 un	321
22015160	RAL 7035	8431927020017	50 un	321
22015161	RAL 7035	8431927020024	50 un	321
22015200	RAL 7035	8431927020031	50 un	321

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2201				
22015201	RAL 7035	8431927020048	50 un	321
22015250	RAL 7035	8431927020055	50 un	321
22015320	RAL 7035	8431927020062	25 un	321
22015400	RAL 7035	8431927020079	10 un	321
22015500	RAL 7035	8431927020086	5 un	321
22015630	RAL 7035	8431927020093	5 un	321
2202				
22020007	RAL 7035	8431927001313	50 un	322
22020009	RAL 7035	8431927001320	50 un	322
22020011	RAL 7035	8431927001337	50 un	322
22020013	RAL 7035	8431927001344	50 un	322
22020016	RAL 7035	8431927001351	25 un	322
22020021	RAL 7035	8431927001368	20 un	322
22021120	RAL 7035	8431927001375	50 un	322
22021160	RAL 7035	8431927001382	50 un	322
22021161	RAL 7035	8431927001399	50 un	322
22021200	RAL 7035	8431927001405	50 un	322
22021201	RAL 7035	8431927001412	25 un	322
22021250	RAL 7035	8431927001429	20 un	322
2203				
22031120	RAL 9005	8431927001528	50 un	322
22031160	RAL 9005	8431927001535	50 un	322
22031161	RAL 9005	8431927001542	50 un	322
22031200	RAL 9005	8431927001559	50 un	322
22031201	RAL 9005	8431927001566	50 un	322
22031250	RAL 9005	8431927001573	50 un	322
22031320	RAL 9005	8431927001580	25 un	322
22031400	RAL 9005	8431927001597	10 un	322
22031500	RAL 9005	8431927015006	5 un	322
22031630	RAL 9005	8431927001603	5 un	322
2204				
22040120	316L	8431927090829	10 bol	324
22040160	316L	8431927090836	10 bol	324
22040200	316L	8431927090843	5 bol	324
22040250	316L	8431927090850	5 bol	324
2205				
22051120	LN	8431927001702	50 un	322
22051160	LN	8431927001719	50 un	322
22051161	LN	8431927001726	50 un	322
22051200	LN	8431927001733	50 un	322
22051201	LN	8431927001740	50 un	322
22051250	LN	8431927001757	25 un	322
22051320	LN	8431927001764	25 un	322
22051400	LN	8431927001771	10 un	322
22051500	LN	8431927015013	5 un	322
22051630	LN	8431927001788	5 un	322
2206				
22060120	LN	8431927020109	50 bol	323
22060160	LN	8431927020116	50 bol	323
22060161	LN	8431927020123	50 un	323
22060200	LN	8431927020130	50 bol	323
22060201	LN	8431927020147	50 bol	323
22060250	LN	8431927020154	25 un	323
22060320	LN	8431927020161	25 un	323
22060400	LN	8431927020178	10 bol	323
22060500	LN	8431927020185	5 bol	323
22060501	LN	8431927020192	5 bol	323
22060630	LN	8431927020208	5 bol	323
22060631	LN	8431927020215	5 bol	323
2207				
22070120	304L	8431927020222	10 bol	324
22070160	304L	8431927020239	10 un	324
22070200	304L	8431927020246	10 bol	324
22070250	304L	8431927020253	10 bol	324
22070320	304L	8431927020260	5 bol	324

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2207				
22070400	304L	8431927020277	5 bol	324
2209				
22090120	LN	8431927020475	50 bol	323
22090160	LN	8431927020482	50 un	323
22090200	LN	8431927020499	50 un	323
22090250	LN	8431927020505	25 un	323
22090320	LN	8431927020512	25 bol	323
22090400	LN	8431927020529	10 bol	323
22090500	LN	8431927020536	5 bol	323
22090630	LN	8431927020543	5 bol	323
3001				
30010007	RAL 7001	8431927001795	100 un	282
30010009	RAL 7001	8431927001801	100 un	282
30010011	RAL 7001	8431927001818	50 un	282
30010013	RAL 7001	8431927001825	50 un	282
30010016	RAL 7001	8431927001832	25 un	282
30010021	RAL 7001	8431927001849	25 un	282
30010029	RAL 7001	8431927001856	10 un	282
30010036	RAL 7001	8431927001863	8 un	282
30010048	RAL 7001	8431927001870	5 un	282
30011160	RAL 7001	8431927001894	100 un	282
30011200	RAL 7001	8431927001900	50 un	282
30011201	RAL 7001	8431927001917	50 un	282
30011250	RAL 7001	8431927001924	25 un	282
30011320	RAL 7001	8431927001931	25 un	282
30011400	RAL 7001	8431927001948	10 un	282
30011500	RAL 7001	8431927001955	8 un	282
30011630	RAL 7001	8431927001962	5 un	282
3101				
31010007	RAL 7011	8431927001979	50 un	290
31010009	RAL 7011	8431927001986	50 un	290
31010011	RAL 7011	8431927001993	50 un	290
31010013	RAL 7011	8431927002006	50 un	290
31010107	RAL 7011	8431927002013	50 un	290
31010109	RAL 7011	8431927002020	50 un	290
31010111	RAL 7011	8431927002037	50 un	290
31010113	RAL 7011	8431927002044	50 un	290
31010209	RAL 7011	8431927002051	50 un	290
31010211	RAL 7011	8431927002068	50 un	290
31010213	RAL 7011	8431927002075	50 un	290
31010411	RAL 7011	8431927022868	50 un	290
31010413	RAL 7011	8431927002082	50 un	290
31010416	RAL 7011	8431927002099	50 un	290
31010421	RAL 7011	8431927022875	50 un	290
31010516	RAL 7011	8431927002105	30 un	290
31010521	RAL 7011	8431927002112	30 un	290
31010629	RAL 7011	8431927002129	30 un	290
31010729	RAL 7011	8431927022882	10 un	290
31010736	RAL 7011	8431927002136	10 un	290
31010848	RAL 7011	8431927002143	10 un	290
31012012	RAL 7011	8431927022646	50 un	290
31012016	RAL 7011	8431927022653	50 bol	290
31012020	RAL 7011	8431927022660	50 un	290
31012112	RAL 7011	8431927002150	50 un	290
31012116	RAL 7011	8431927002167	50 un	290
31012120	RAL 7011	8431927022677	50 un	290
31012216	RAL 7011	8431927002174	50 un	290
31012220	RAL 7011	8431927022684	50 un	290
31012420	RAL 7011	8431927002181	50 un	290
31012425	RAL 7011	8431927022691	50 un	290
31012432	RAL 7011	8431927022707	50 un	290
31012525	RAL 7011	8431927002198	30 un	290
31012532	RAL 7011	8431927022714	30 un	290
31012632	RAL 7011	8431927002204	30 un	290
31012640	RAL 7011	8431927022721	30 un	290
31012740	RAL 7011	8431927002211	10 un	290
31012750	RAL 7011	8431927022738	10 un	290
31012850	RAL 7011	8431927002228	10 un	290

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3101				
31012863	RAL 7011	8431927022745	10 un	290
31013116	RAL 7011	8431927022929	30 un	295
31013120	RAL 7011	8431927022936	30 un	295
31013216	RAL 7011	8431927022943	30 un	295
31013220	RAL 7011	8431927022950	30 un	295
31013420	RAL 7011	8431927022967	30 un	295
31013425	RAL 7011	8431927022974	30 un	295
31013525	RAL 7011	8431927022981	30 un	295
31013532	RAL 7011	8431927022998	30 un	295
31013632	RAL 7011	8431927023001	20 bol	295
31013640	RAL 7011	8431927023018	20 un	295
31013750	RAL 7011	8431927023025	10 un	295
31013863	RAL 7011	8431927023032	10 un	295
31014007	RAL 7031	8431927099310	100 un	292
31014107	RAL 7031	8431927099327	100 un	292
31014109	RAL 7031	8431927099334	100 un	292
31014111	RAL 7031	8431927099341	100 un	292
31014113	RAL 7031	8431927099358	100 un	292
31014209	RAL 7031	8431927099365	100 un	292
31014211	RAL 7031	8431927099372	100 un	292
31014213	RAL 7031	8431927099389	100 un	292
31014413	RAL 7031	8431927099396	100 un	292
31014416	RAL 7031	8431927099402	100 un	292
31014521	RAL 7031	8431927099419	50 un	292
31014629	RAL 7031	8431927099426	25 un	292
31014736	RAL 7031	8431927099433	10 un	292
31014848	RAL 7031	8431927099440	5 un	292
31015012	RAL 7031	8431927099457	100 un	292
31015112	RAL 7031	8431927099464	100 un	292
31015116	RAL 7031	8431927099471	100 un	292
31015120	RAL 7031	8431927099488	100 un	292
31015216	RAL 7031	8431927099495	100 un	292
31015220	RAL 7031	8431927099501	100 un	292
31015420	RAL 7031	8431927099518	100 un	292
31015425	RAL 7031	8431927099525	50 un	292
31015525	RAL 7031	8431927099532	50 un	292
31015532	RAL 7031	8431927099549	25 un	292
31015632	RAL 7031	8431927099556	25 un	292
31015640	RAL 7031	8431927099563	10 un	292
31015740	RAL 7031	8431927099570	10 un	292
31015750	RAL 7031	8431927099587	5 un	292
31015850	RAL 7031	8431927099594	5 un	292
31015863	RAL 7031	8431927099600	5 un	292
3102				
31020109	RAL 7011	8431927002235	50 un	293
31020211	RAL 7011	8431927002242	50 un	293
31020413	RAL 7011	8431927002259	50 un	293
31020416	RAL 7011	8431927002266	50 un	293
31020521	RAL 7011	8431927002273	30 un	293
31020629	RAL 7011	8431927002280	30 un	293
31020848	RAL 7011	8431927002303	10 un	293
3104				
31040007	RAL 7011	8431927002372	50 un	294
31040107	RAL 7011	8431927002389	50 un	294
31040109	RAL 7011	8431927002396	50 un	294
31040111	RAL 7011	8431927002402	50 un	294
31040209	RAL 7011	8431927024558	50 un	294
31040211	RAL 7011	8431927002419	50 un	294
31040213	RAL 7011	8431927002426	50 un	294
31040413	RAL 7011	8431927002433	50 un	294
31040416	RAL 7011	8431927002440	50 un	294
31040521	RAL 7011	8431927002457	30 un	294
31040629	RAL 7011	8431927002464	30 un	294
31040736	RAL 7011	8431927002471	10 un	294
31040848	RAL 7011	8431927002488	10 un	294
31042012	RAL 7011	8431927024381	50 un	294
31042020	RAL 7011	8431927024404	50 un	294
31042116	RAL 7011	8431927024411	50 un	294

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3104				
31042120	RAL 7011	8431927024428	50 un	294
31042216	RAL 7011	8431927002495	50 un	294
31042220	RAL 7011	8431927024435	50 un	294
31042420	RAL 7011	8431927002501	50 un	294
31042525	RAL 7011	8431927002518	30 un	294
31042632	RAL 7011	8431927002525	30 un	294
31042740	RAL 7011	8431927024442	10 un	294
31042850	RAL 7011	8431927024459	10 un	294
31043007	RAL 7031	8431927099624	75 un	292
31043109	RAL 7031	8431927099631	50 un	292
31043211	RAL 7031	8431927099648	50 un	292
31043313	RAL 7031	8431927099655	50 un	292
31043416	RAL 7031	8431927099662	40 un	292
31043521	RAL 7031	8431927099679	25 un	292
31044012	RAL 7031	8431927099723	75 un	292
31044116	RAL 7031	8431927099730	50 un	292
31044216	RAL 7031	8431927099747	50 un	292
31044320	RAL 7031	8431927099754	50 un	292
31044420	RAL 7031	8431927099761	40 un	292
31044525	RAL 7031	8431927099778	25 un	292
3105				
31050400	RAL 7011	8431927002532	30 un	295
31050500	RAL 7011	8431927002549	30 un	295
31050600	RAL 7011	8431927002556	20 un	295
31050700	RAL 7011	8431927002563	10 un	295
31050800	RAL 7011	8431927002570	10 un	295
3106				
31060100	RAL 7011	8431927002587	10 un	297
31060111	RAL 7011	8431927002594	10 un	297
31060211	RAL 7011	8431927002600	10 un	297
31060422	RAL 7011	8431927002617	10 un	297
31060444	RAL 7011	8431927002624	10 un	297
31060544	RAL 7011	8431927002631	10 un	297
31065111	RAL 7011	8431927002648	10 un	297
31065211	RAL 7011	8431927002655	10 un	297
31065422	RAL 7011	8431927002662	10 un	297
31065444	RAL 7011	8431927002679	10 un	297
31065655	RAL 7011	8431927002686	10 un	297
31065666	RAL 7011	8431927002693	10 un	297
3109				
31094000	RAL 7031	8431927099815	100 un	297
31094100	RAL 7031	8431927099822	50 un	297
31094200	RAL 7031	8431927099839	50 un	297
31094300	RAL 7031	8431927099846	50 un	297
31094400	RAL 7031	8431927099853	50 un	297
31094500	RAL 7031	8431927099860	25 un	297
31094600	RAL 7031	8431927099877	25 un	297
31094700	RAL 7031	8431927099884	25 un	297
31094800	RAL 7031	8431927099891	10 un	297
31095000	RAL 7011	8431927002877	100 un	298
31095100	RAL 7011	8431927002884	100 un	298
31095200	RAL 7011	8431927002891	50 un	298
31095300	RAL 7011	8431927045157	50 un	298
31095400	RAL 7011	8431927002907	50 un	298
31095500	RAL 7011	8431927002914	50 un	298
31095600	RAL 7011	8431927002921	30 un	298
31095700	RAL 7011	8431927002938	20 un	298
31095800	RAL 7011	8431927002945	20 un	298
31096000	RAL 7011	8431927019127	100 un	298
31096200	RAL 7011	8431927002952	50 un	298
31096400	RAL 7011	8431927002969	50 un	298
31096500	RAL 7011	8431927002976	50 un	298
31096600	RAL 7011	8431927002983	30 un	298
31096700	RAL 7011	8431927002990	20 un	298
31096800	RAL 7011	8431927003003	20 un	298
31097500	RAL 7011	8431927003027	100 un	298

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3110				
31100107	RAL 7011	8431927023469	50 un	291
31100109	RAL 7011	8431927023476	50 un	291
31100111	RAL 7011	8431927023483	50 un	291
31100113	RAL 7011	8431927023490	50 un	291
31100209	RAL 7011	8431927023506	50 un	291
31100211	RAL 7011	8431927023513	50 un	291
31100213	RAL 7011	8431927023520	50 un	291
31100411	RAL 7011	8431927023537	50 un	291
31100413	RAL 7011	8431927023544	50 un	291
31100416	RAL 7011	8431927023551	50 un	291
31100421	RAL 7011	8431927023568	50 un	291
31100516	RAL 7011	8431927023575	30 bol	291
31100521	RAL 7011	8431927023582	30 un	291
31100629	RAL 7011	8431927023599	30 un	291
31100729	RAL 7011	8431927023605	10 un	291
31100736	RAL 7011	8431927023612	10 un	291
31100848	RAL 7011	8431927023629	10 un	291
31101112	RAL 7011	8431927023162	50 un	291
31101116	RAL 7011	8431927023179	50 un	291
31101120	RAL 7011	8431927023186	50 un	291
31101216	RAL 7011	8431927023193	50 un	291
31101220	RAL 7011	8431927023209	50 un	291
31101420	RAL 7011	8431927023216	50 un	291
31101425	RAL 7011	8431927023223	50 un	291
31101525	RAL 7011	8431927023230	30 un	291
31101532	RAL 7011	8431927023247	30 un	291
31101632	RAL 7011	8431927023254	30 un	291
31101640	RAL 7011	8431927023261	30 un	291
31101740	RAL 7011	8431927023278	10 un	291
31101750	RAL 7011	8431927023285	10 un	291
31101850	RAL 7011	8431927023292	10 un	291
31101863	RAL 7011	8431927023308	10 un	291
31102116	RAL 7011	8431927024145	30 un	296
31102220	RAL 7011	8431927024176	30 un	296
31102425	RAL 7011	8431927024190	30 un	296
31102532	RAL 7011	8431927024213	30 un	296
31102640	RAL 7011	8431927024237	20 un	296
31102750	RAL 7011	8431927024244	10 un	296
31102848	RAL 7011	8431927024251	10 un	296
3111				
31110107	RAL 7011	8431927023940	50 un	293
31110213	RAL 7011	8431927023971	50 un	293
31110413	RAL 7011	8431927023988	50 un	293
31110416	RAL 7011	8431927023995	50 un	293
31110629	RAL 7011	8431927024015	30 un	293
31111216	RAL 7011	8431927023810	50 bol	293
31111420	RAL 7011	8431927023827	50 un	293
31111525	RAL 7011	8431927023834	30 un	293
31111632	RAL 7011	8431927023841	30 un	293
31111740	RAL 7011	8431927023858	10 un	293
3113				
31130116	RAL 7011	8431927024947	50 un	294
31130120	RAL 7011	8431927024954	50 un	294
31130216	RAL 7011	8431927040947	50 un	294
31130220	RAL 7011	8431927024961	50 un	294
31130420	RAL 7011	8431927024978	50 un	294
31130425	RAL 7011	8431927024985	50 un	294
31130525	RAL 7011	8431927040954	30 un	294
31130532	RAL 7011	8431927024992	30 bol	294
31130632	RAL 7011	8431927040961	30 un	294
31130640	RAL 7011	8431927025005	30 un	294
31130863	RAL 7011	8431927025029	10 un	294
3115				
31151420	RAL 7011	8431927025562	30 bol	296
31151425	RAL 7011	8431927025579	30 bol	296
3201				
32010007	RAL 9005	8431927003034	50 un	290

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3201				
32010009	RAL 9005	8431927003041	50 un	290
32010011	RAL 9005	8431927003058	50 un	290
32010013	RAL 9005	8431927003065	50 un	290
32010107	RAL 9005	8431927003072	50 un	290
32010109	RAL 9005	8431927003089	50 un	290
32010111	RAL 9005	8431927003096	50 un	290
32010113	RAL 9005	8431927003102	50 un	290
32010209	RAL 9005	8431927003119	50 un	290
32010211	RAL 9005	8431927003126	50 un	290
32010213	RAL 9005	8431927003133	50 un	290
32010411	RAL 9005	8431927022899	50 un	290
32010413	RAL 9005	8431927003140	50 un	290
32010416	RAL 9005	8431927003157	50 un	290
32010421	RAL 9005	8431927022905	50 un	290
32010516	RAL 9005	8431927003164	30 un	290
32010521	RAL 9005	8431927003171	30 un	290
32010629	RAL 9005	8431927003188	30 un	290
32010729	RAL 9005	8431927022912	10 un	290
32010736	RAL 9005	8431927003195	10 un	290
32010848	RAL 9005	8431927003201	10 un	290
32012012	RAL 9005	8431927022752	50 un	290
32012016	RAL 9005	8431927022769	50 un	290
32012020	RAL 9005	8431927022776	50 bol	290
32012112	RAL 9005	8431927003218	50 un	290
32012116	RAL 9005	8431927003225	50 un	290
32012120	RAL 9005	8431927022783	50 un	290
32012216	RAL 9005	8431927003232	50 un	290
32012220	RAL 9005	8431927022790	50 un	290
32012420	RAL 9005	8431927003249	50 un	290
32012425	RAL 9005	8431927022806	50 un	290
32012432	RAL 9005	8431927022813	50 un	290
32012525	RAL 9005	8431927003256	30 un	290
32012532	RAL 9005	8431927022820	30 un	290
32012632	RAL 9005	8431927003263	30 un	290
32012640	RAL 9005	8431927022837	30 un	290
32012740	RAL 9005	8431927003270	10 un	290
32012750	RAL 9005	8431927022844	10 un	290
32012850	RAL 9005	8431927003287	10 un	290
32012863	RAL 9005	8431927022851	10 un	290
32013116	RAL 9005	8431927023049	30 un	295
32013120	RAL 9005	8431927023056	30 un	295
32013216	RAL 9005	8431927023063	30 bol	295
32013220	RAL 9005	8431927023070	30 un	295
32013420	RAL 9005	8431927023087	30 bol	295
32013425	RAL 9005	8431927023094	30 un	295
32013525	RAL 9005	8431927023100	30 un	295
32013532	RAL 9005	8431927023117	30 un	295
32013632	RAL 9005	8431927023124	20 un	295
32013640	RAL 9005	8431927023131	20 un	295
32013750	RAL 9005	8431927023148	10 un	295
32013863	RAL 9005	8431927023155	10 un	295
32014007	RAL 9005	8431927099907	100 un	292
32014107	RAL 9005	8431927099914	100 un	292
32014109	RAL 9005	8431927099921	100 un	292
32014111	RAL 9005	8431927099938	100 un	292
32014113	RAL 9005	8431927099945	100 un	292
32014209	RAL 9005	8431927099952	100 un	292
32014211	RAL 9005	8431927099969	100 un	292
32014213	RAL 9005	8431927099976	100 un	292
32014413	RAL 9005	8431927099983	100 un	292
32014416	RAL 9005	8431927099990	100 un	292
32014521	RAL 9005	8431927100009	50 un	292
32014629	RAL 9005	8431927100016	25 un	292
32014736	RAL 9005	8431927100023	10 un	292
32014848	RAL 9005	8431927100030	5 un	292
32015012	RAL 9005	8431927100047	100 un	292
32015112	RAL 9005	8431927100054	100 un	292
32015116	RAL 9005	8431927100061	100 un	292
32015120	RAL 9005	8431927100078	100 un	292
32015216	RAL 9005	8431927100085	100 un	292

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3201				
32015220	RAL 9005	8431927100092	100 un	292
32015420	RAL 9005	8431927100108	100 un	292
32015425	RAL 9005	8431927100115	50 un	292
32015525	RAL 9005	8431927100122	50 un	292
32015532	RAL 9005	8431927100139	25 un	292
32015632	RAL 9005	8431927100146	25 un	292
32015640	RAL 9005	8431927100153	10 un	292
32015740	RAL 9005	8431927100160	10 un	292
32015750	RAL 9005	8431927100177	5 un	292
32015850	RAL 9005	8431927100184	5 un	292
32015863	RAL 9005	8431927100191	5 un	292
3202				
32020109	RAL 9005	8431927003294	50 bol	293
32020211	RAL 9005	8431927003300	50 un	293
32020413	RAL 9005	8431927003317	50 un	293
32020416	RAL 9005	8431927003324	50 un	293
32020521	RAL 9005	8431927003331	30 un	293
32020629	RAL 9005	8431927003348	30 bol	293
32020736	RAL 9005	8431927003355	10 bol	293
32020848	RAL 9005	8431927003362	10 bol	293
3204				
32040007	RAL 9005	8431927003430	50 un	294
32040107	RAL 9005	8431927003447	50 un	294
32040109	RAL 9005	8431927003454	50 un	294
32040111	RAL 9005	8431927003461	50 un	294
32040209	RAL 9005	8431927024572	50 bol	294
32040211	RAL 9005	8431927003478	50 un	294
32040213	RAL 9005	8431927003485	50 un	294
32040413	RAL 9005	8431927003492	50 un	294
32040416	RAL 9005	8431927003508	50 un	294
32040521	RAL 9005	8431927003515	30 un	294
32040629	RAL 9005	8431927003522	30 un	294
32040736	RAL 9005	8431927003539	10 un	294
32040848	RAL 9005	8431927003546	10 un	294
32042012	RAL 9005	8431927024466	50 un	294
32042020	RAL 9005	8431927024480	50 bol	294
32042116	RAL 9005	8431927024497	50 un	294
32042120	RAL 9005	8431927024503	50 un	294
32042216	RAL 9005	8431927003553	50 un	294
32042220	RAL 9005	8431927024510	50 un	294
32042420	RAL 9005	8431927003560	50 un	294
32042525	RAL 9005	8431927003577	30 un	294
32042632	RAL 9005	8431927003584	30 un	294
32042740	RAL 9005	8431927024527	10 un	294
32042850	RAL 9005	8431927024534	10 un	294
32043007	RAL 9005	8431927100214	75 un	292
32043109	RAL 9005	8431927100221	50 un	292
32043211	RAL 9005	8431927100238	50 un	292
32043313	RAL 9005	8431927100245	50 un	292
32043416	RAL 9005	8431927100252	40 un	292
32043521	RAL 9005	8431927100269	25 un	292
32044012	RAL 9005	8431927100313	75 un	292
32044116	RAL 9005	8431927100320	50 un	292
32044216	RAL 9005	8431927100337	50 un	292
32044320	RAL 9005	8431927100344	50 un	292
32044420	RAL 9005	8431927100351	40 un	292
32044525	RAL 9005	8431927100368	25 un	292
3205				
32050400	RAL 9005	8431927003591	30 un	295
32050500	RAL 9005	8431927003607	30 un	295
32050600	RAL 9005	8431927003614	20 un	295
32050700	RAL 9005	8431927003621	10 un	295
32050800	RAL 9005	8431927003638	10 un	295
3206				
32060100	RAL 9005	8431927003645	10 un	297
32060111	RAL 9005	8431927003652	10 un	297
32060211	RAL 9005	8431927003669	10 un	297

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3206				
32060422	RAL 9005	8431927003676	10 un	297
32060444	RAL 9005	8431927003683	10 un	297
32060544	RAL 9005	8431927003690	10 un	297
32065111	RAL 9005	8431927003706	10 un	297
32065211	RAL 9005	8431927003713	10 un	297
32065422	RAL 9005	8431927003720	10 un	297
32065444	RAL 9005	8431927003737	10 un	297
32065655	RAL 9005	8431927003744	10 un	297
32065666	RAL 9005	8431927003751	10 un	297
3209				
32094000	RAL 9005	8431927100405	100 un	297
32094100	RAL 9005	8431927100412	50 un	297
32094200	RAL 9005	8431927100429	50 un	297
32094300	RAL 9005	8431927100436	50 un	297
32094400	RAL 9005	8431927100443	50 un	297
32094500	RAL 9005	8431927100450	25 un	297
32094600	RAL 9005	8431927100467	25 un	297
32094700	RAL 9005	8431927100474	25 un	297
32094800	RAL 9005	8431927100481	10 un	297
32095000	RAL 9005	8431927003843	100 un	298
32095100	RAL 9005	8431927003850	100 un	298
32095200	RAL 9005	8431927003867	50 un	298
32095400	RAL 9005	8431927003874	50 un	298
32095500	RAL 9005	8431927003881	50 un	298
32095600	RAL 9005	8431927003898	30 un	298
32095700	RAL 9005	8431927003904	20 un	298
32095800	RAL 9005	8431927003911	20 un	298
32096000	RAL 9005	8431927019134	100 un	298
32096200	RAL 9005	8431927003928	50 un	298
32096400	RAL 9005	8431927003935	50 un	298
32096500	RAL 9005	8431927003942	50 un	298
32096600	RAL 9005	8431927003959	30 un	298
32096700	RAL 9005	8431927003966	20 un	298
32096800	RAL 9005	8431927003973	20 un	298
32097500	RAL 9005	8431927003997	100 un	298
3210				
32100107	RAL 9005	8431927023636	50 un	291
32100109	RAL 9005	8431927023643	50 un	291
32100111	RAL 9005	8431927023650	50 bol	291
32100113	RAL 9005	8431927023667	50 un	291
32100209	RAL 9005	8431927023674	50 un	291
32100211	RAL 9005	8431927023681	50 un	291
32100213	RAL 9005	8431927023698	50 un	291
32100411	RAL 9005	8431927023704	50 un	291
32100413	RAL 9005	8431927023711	50 un	291
32100416	RAL 9005	8431927023728	50 un	291
32100421	RAL 9005	8431927023735	50 un	291
32100516	RAL 9005	8431927023742	30 un	291
32100521	RAL 9005	8431927023759	30 un	291
32100629	RAL 9005	8431927023766	30 un	291
32100729	RAL 9005	8431927023773	10 bol	291
32100736	RAL 9005	8431927023780	10 un	291
32100848	RAL 9005	8431927023797	10 un	291
32101112	RAL 9005	8431927023315	50 un	291
32101116	RAL 9005	8431927023322	50 un	291
32101120	RAL 9005	8431927023339	50 un	291
32101216	RAL 9005	8431927023346	50 un	291
32101220	RAL 9005	8431927023353	50 un	291
32101420	RAL 9005	8431927023360	50 un	291
32101425	RAL 9005	8431927023377	50 un	291
32101525	RAL 9005	8431927023384	30 un	291
32101532	RAL 9005	8431927023391	30 un	291
32101632	RAL 9005	8431927023407	30 un	291
32101640	RAL 9005	8431927023414	30 un	291
32101740	RAL 9005	8431927023421	10 un	291
32101750	RAL 9005	8431927023438	10 un	291
32101850	RAL 9005	8431927023445	10 un	291
32101863	RAL 9005	8431927023452	10 un	291

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3210				
32102116	RAL 9005	8431927024268	30 un	296
32102220	RAL 9005	8431927024299	30 un	296
32102425	RAL 9005	8431927024312	30 un	296
32102532	RAL 9005	8431927024336	30 un	296
32102640	RAL 9005	8431927024350	20 un	296
32102750	RAL 9005	8431927024367	10 un	296
32102863	RAL 9005	8431927024374	10 un	296
3211				
32110107	RAL 9005	8431927024046	50 bol	293
32110213	RAL 9005	8431927024077	50 bol	293
32110413	RAL 9005	8431927024084	50 bol	293
32110416	RAL 9005	8431927024091	50 bol	293
32110629	RAL 9005	8431927024114	30 bol	293
32111216	RAL 9005	8431927023889	50 bol	293
32111420	RAL 9005	8431927023896	50 bol	293
32111525	RAL 9005	8431927023902	30 bol	293
32111632	RAL 9005	8431927023919	30 bol	293
32111740	RAL 9005	8431927023926	10 bol	293
3213				
32130116	RAL 9005	8431927025036	50 bol	294
32130120	RAL 9005	8431927025043	50 bol	294
32130216	RAL 9005	8431927040893	50 bol	294
32130220	RAL 9005	8431927025050	50 un	294
32130420	RAL 9005	8431927025067	50 un	294
32130425	RAL 9005	8431927025074	50 un	294
32130525	RAL 9005	8431927040909	30 bol	294
32130532	RAL 9005	8431927025081	30 un	294
32130632	RAL 9005	8431927040916	30 un	294
32130640	RAL 9005	8431927025098	30 bol	294
32130863	RAL 9005	8431927025111	10 bol	294
3215				
32151420	RAL 9005	8431927025586	30 bol	296
32151425	RAL 9005	8431927025593	30 bol	296
3301				
33010052	RAL 7011	8431927019097	10 un	302
33010070	RAL 7011	8431927004000	10 un	302
33010095	RAL 7011	8431927004017	10 un	302
3302				
33020070	RAL 7011	8431927004024	10 un	302
33020095	RAL 7011	8431927004031	10 un	302
3303				
33030070	RAL 7011	8431927004048	10 un	302
33030095	RAL 7011	8431927004055	10 un	302
3305				
33050052	RAL 9005	8431927019103	10 un	302
33050070	RAL 9005	8431927004062	10 un	302
33050095	RAL 9005	8431927004079	10 un	302
3306				
33060070	RAL 9005	8431927025678	10 un	302
33060095	RAL 9005	8431927025685	10 un	302
3307				
33070070	RAL 9005	8431927025692	10 un	302
33070095	RAL 9005	8431927025708	10 un	302
3309				
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33090095	RAL 9005	8431927004093	10 un	303
33090170	RAL 9005	8431927004109	10 un	303
33090195	RAL 9005	8431927004116	10 un	303
33090270	EZ	8431927004123	10 un	303
33090295	EZ	8431927004130	10 un	303
3310				
33100036	RAL 9005	8431927025715	10 un	301

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3310				
33100048	RAL 9005	8431927025722	10 un	301
33100052	RAL 9005	8431927025739	10 un	301
33100070	RAL 9005	8431927025746	10 un	301
3311				
33110036	RAL 9005	8431927025753	10 un	301
33110048	RAL 9005	8431927025760	10 un	301
33110052	RAL 9005	8431927025777	10 un	301
33110070	RAL 9005	8431927025784	10 un	301
33110170	RAL 9005	8431927025791	10 un	301
3312				
33120052	RAL 9005	8431927025807	10 un	301
33120070	RAL 9005	8431927025814	10 un	301
3313				
33130070	RAL 9005	8431927019080	10 un	301
3501				
35010007	RAL 7001	8431927004208	100 un	282
35010009	RAL 7001	8431927004215	100 un	282
35010011	RAL 7001	8431927004222	50 un	282
35010013	RAL 7001	8431927004239	50 un	282
35010016	RAL 7001	8431927004246	25 un	282
35010021	RAL 7001	8431927004253	25 un	282
35010029	RAL 7001	8431927004260	10 un	282
35010036	RAL 7001	8431927004277	8 un	282
35010048	RAL 7001	8431927004284	5 un	282
35011160	RAL 7001	8431927004307	100 un	282
35011200	RAL 7001	8431927004314	50 un	282
35011201	RAL 7001	8431927004321	50 un	282
35011250	RAL 7001	8431927004338	25 un	282
35011320	RAL 7001	8431927004345	25 un	282
35011400	RAL 7001	8431927004352	10 un	282
35011500	RAL 7001	8431927004369	8 un	282
35011630	RAL 7001	8431927004376	5 un	282
35012160	RAL 7035	8431927046369	100 un	266, 282
35012200	RAL 7035	8431927046376	50 un	266, 282
35012201	RAL 7035	8431927046383	50 un	266, 282
35012250	RAL 7035	8431927046406	25 un	266, 282
35012320	RAL 7035	8431927046420	25 un	266, 282
35012400	RAL 7035	8431927046444	10 un	266, 282
35012500	RAL 7035	8431927046451	8 un	266, 282
35012630	RAL 7035	8431927046468	5 un	266, 282
3502				
35020007	RAL 7001	8431927004383	100 un	283
35020009	RAL 7001	8431927004390	100 un	283
35020011	RAL 7001	8431927004406	50 un	283
35020013	RAL 7001	8431927004413	50 un	283
35020016	RAL 7001	8431927004420	25 un	283
35020021	RAL 7001	8431927004437	25 un	283
35020029	RAL 7001	8431927004444	10 un	283
35020036	RAL 7001	8431927004451	8 un	283
35020048	RAL 7001	8431927004468	5 un	283
35021120	RAL 7001	8431927004475	100 un	283
35021160	RAL 7001	8431927004482	100 un	283
35021200	RAL 7001	8431927004499	50 un	283
35021201	RAL 7001	8431927004505	50 un	283
35021250	RAL 7001	8431927004512	25 un	283
35021320	RAL 7001	8431927004529	25 un	283
35021400	RAL 7001	8431927004536	10 un	283
35021500	RAL 7001	8431927004543	8 un	283
35021630	RAL 7001	8431927004550	5 un	283
3601				
36010013	RAL 7031	8431927004666	50 un	290
3700				
37003107	RAL 7035	8431927012296	100 un	285
37003109	RAL 7035	8431927012302	100 un	285
37003111	RAL 7035	8431927012319	100 un	285

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3700				
37003113	RAL 7035	8431927012326	50 un	285
37003116	RAL 7035	8431927012333	50 un	285
37003121	RAL 7035	8431927012340	25 un	285
37003129	RAL 7035	8431927012357	20 un	285
37003136	RAL 7035	8431927012364	10 un	285
37003148	RAL 7035	8431927012371	5 un	285
3702				
37020007	LN	8431927004727	100 un	283
37020009	LN	8431927004734	100 un	283
37020011	LN	8431927004741	100 un	283
37020013	LN	8431927004758	50 un	283
37020016	LN	8431927004765	50 un	283
37020021	LN	8431927004772	25 un	283
37020029	LN	8431927004789	20 un	283
37020036	LN	8431927004796	10 un	283
37020048	LN	8431927004802	5 un	283
37021120	LN	8431927004819	100 un	283
37021160	LN	8431927004826	100 un	283
37021200	LN	8431927004833	100 un	283
37021201	LN	8431927004840	50 un	283
37021250	LN	8431927004857	50 un	283
37021320	LN	8431927004864	25 un	283
37021400	LN	8431927004871	20 un	283
37021500	LN	8431927004888	10 un	283
37021630	LN	8431927004895	5 un	283
37025007	LN	8431927118325	100 un	284
37025009	LN	8431927118332	100 un	284
37025011	LN	8431927118349	100 un	284
37025013	LN	8431927118356	100 un	284
37025016	LN	8431927118363	100 un	284
37025021	LN	8431927118370	100 un	284
37025029	LN	8431927118387	100 un	284
37025036	LN	8431927118394	100 un	284
37025048	LN	8431927118400	100 un	284
37026120	LN	8431927118417	100 un	284
37026160	LN	8431927118424	100 un	284
37026200	LN	8431927118431	100 un	284
37026201	LN	8431927118448	100 un	284
37026250	LN	8431927118455	100 un	284
37026320	LN	8431927118462	100 un	284
37026400	LN	8431927118479	100 un	284
37026500	LN	8431927118486	100 un	284
37026630	LN	8431927118493	100 un	284
3703				
37031160	LN	8431927015068	100 un	272
37031201	LN	8431927015075	100 un	272
37031250	LN	8431927015082	50 un	272
37031320	LN	8431927015099	25 un	272
37031400	LN	8431927015105	20 un	272
37031500	LN	8431927015112	10 un	272
37031630	LN	8431927015129	5 un	272
3704				
37041120	LN	8431927096104	100 un	284
37041160	LN	8431927096111	100 un	284
37041200	LN	8431927096128	100 un	284
37041201	LN	8431927096135	50 un	284
37041250	LN	8431927096142	50 un	284
37041320	LN	8431927096159	25 un	284
37041400	LN	8431927096166	20 un	284
37041500	LN	8431927096173	10 un	284
37041630	LN	8431927096180	5 un	284
37046120	LN	8431927118509	100 un	284
37046160	LN	8431927118516	100 un	284
37046200	LN	8431927118523	100 un	284
37046201	LN	8431927118530	100 un	284
37046250	LN	8431927118547	100 un	284
37046320	LN	8431927118554	100 un	284
37046400	LN	8431927118561	100 un	284

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3704				
37046500	LN	8431927118578	100 un	284
37046630	LN	8431927118585	100 un	284
3909				
39090007	RAL 5024	8431927021328	500 un	329
39090009	RAL 5024	8431927021335	500 un	329
39090011	RAL 5024	8431927021342	500 un	329
39090013	RAL 5024	8431927021359	500 un	329
39090016	RAL 5024	8431927021366	500 un	329
39090021	RAL 5024	8431927021373	500 un	329
39090029	RAL 5024	8431927021380	250 un	329
39090036	RAL 5024	8431927021397	100 un	329
39090048	RAL 5024	8431927021403	50 un	329
39090112	RAL 5024	8431927021410	500 un	329
39090116	RAL 5024	8431927021427	500 un	329
39090120	RAL 5024	8431927021434	500 un	329
39090125	RAL 5024	8431927021441	500 un	329
39090132	RAL 5024	8431927021458	250 un	329
39090140	RAL 5024	8431927021465	100 un	329
39090150	RAL 5024	8431927021472	50 un	329
39090163	RAL 5024	8431927021489	50 un	329
39091000	RAL 9010	8431927005090	50 un	300
39091100	RAL 9010	8431927005106	50 un	300
39091200	RAL 9010	8431927005113	50 un	300
39091400	RAL 9010	8431927005120	50 un	300
39091500	RAL 9010	8431927005137	30 un	300
39091600	RAL 9010	8431927005144	30 un	300
39091700	RAL 9010	8431927005151	10 un	300
39091800	RAL 9010	8431927005168	10 un	300
39092007	RAL 5024	8431927005175	100 un	286, 300
39092009	RAL 5024	8431927005182	100 un	286, 300
39092011	RAL 5024	8431927005199	100 un	286, 300
39092013	RAL 5024	8431927005205	50 un	286, 300
39092016	RAL 5024	8431927005212	50 un	286, 300
39092021	RAL 5024	8431927005229	50 un	286, 300
39092029	RAL 5024	8431927005236	30 un	286, 300
39092036	RAL 5024	8431927005243	10 un	286, 300
39092048	RAL 5024	8431927005250	10 un	286, 300
39092112	RAL 5024	8431927021663	50 un	286, 300
39092116	RAL 5024	8431927021670	50 un	286, 300
39092120	RAL 5024	8431927021687	50 un	286, 300
39092125	RAL 5024	8431927021694	50 un	286, 300
39092132	RAL 5024	8431927021700	30 un	286, 300
39092140	RAL 5024	8431927021717	10 un	286, 300
39092150	RAL 5024	8431927021724	10 un	286, 300
39092163	RAL 5024	8431927021731	10 un	286, 300
39095000	EZ	8431927005380	100 un	272, 285
39095100	EZ	8431927005397	100 un	272, 285
39095200	EZ	8431927005403	100 un	272, 285
39095400	EZ	8431927005410	100 un	272, 285
39095500	EZ	8431927005427	50 un	272, 285
39095600	EZ	8431927005434	30 un	272, 285
39095700	EZ	8431927005441	20 un	272, 285
39095800	EZ	8431927005458	20 un	272, 285
39096007	RAL 9005	8431927021496	500 un	286, 329
39096009	RAL 9005	8431927021502	500 un	286, 329
39096011	RAL 9005	8431927021519	500 un	286, 329
39096013	RAL 9005	8431927021526	500 un	286, 329
39096016	RAL 9005	8431927021533	500 un	286, 329
39096021	RAL 9005	8431927021540	500 un	286, 329
39096029	RAL 9005	8431927021557	250 un	286, 329
39096036	RAL 9005	8431927021564	100 un	286, 329
39096048	RAL 9005	8431927021571	50 un	286, 329
39096112	RAL 9005	8431927021588	500 un	286, 329
39096116	RAL 9005	8431927021595	500 un	286, 329
39096120	RAL 9005	8431927021601	500 un	286, 329
39096125	RAL 9005	8431927021618	500 un	286, 329
39096132	RAL 9005	8431927021625	250 un	286, 329
39096140	RAL 9005	8431927021632	50 un	286, 329
39096150	RAL 9005	8431927021649	50 un	286, 329

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3909				
39096163	RAL 9005	8431927021656	50 un	286, 329
39098100	PE	8431927025609	50 un	298
39098200	PE	8431927025616	50 un	298
39098400	PE	8431927025623	50 un	298
39098500	PE	8431927025630	50 un	298
39098600	PE	8431927025647	30 un	298
39098700	PE	8431927025654	10 un	298
39098800	PE	8431927025661	10 un	298
4001				
40010007	LN	8431927005465	100 un	286, 299, 326
40010009	LN	8431927005472	100 un	286, 299, 326
40010011	LN	8431927005489	100 un	286, 299, 326
40010013	LN	8431927005496	100 un	286, 299, 326
40010016	LN	8431927005502	100 un	286, 299, 326
40010021	LN	8431927005519	100 un	286, 299, 326
40010029	LN	8431927005526	50 un	286, 299, 326
40010036	LN	8431927005533	25 un	286, 299, 326
40010042	LN	8431927021953	25 un	286, 299, 326
40010048	LN	8431927005540	25 un	286, 299, 326
40011120	LN	8431927005557	100 un	286, 299, 326
40011160	LN	8431927005564	100 un	286, 299, 326
40011200	LN	8431927005571	100 un	286, 299, 326
40011250	LN	8431927005588	100 un	286, 299, 326
40011320	LN	8431927005595	50 un	286, 299, 326
40011400	LN	8431927005601	25 un	286, 299, 326
40011500	LN	8431927005618	25 un	286, 299, 326
40011630	LN	8431927005625	25 un	286, 299, 326
40014160	304L	8431927041487	20 un	326
40014200	304L	8431927041494	20 un	326
40014250	304L	8431927041500	10 un	326
40014320	304L	8431927041517	10 un	326
40014400	304L	8431927041524	5 un	326
40014500	304L	8431927041531	5 un	326
40014630	304L	8431927041548	5 un	326
40015007	303	8431927100498	20 un	326
40015009	303	8431927100504	10 un	326
40015011	303	8431927100511	10 un	326
40015013	303	8431927100528	10 un	326
40015016	303	8431927100535	10 un	326
40015021	303	8431927100542	10 un	326
40015029	303	8431927100559	10 un	326
40015036	303	8431927100566	5 un	326
40015042	303	8431927100573	5 un	326
40015048	303	8431927100580	5 un	326
40016007	LN	8431927100597	100 un	326
40016009	LN	8431927100603	50 un	326
40016011	LN	8431927100610	50 un	326
40016013	LN	8431927100627	50 un	326
40016016	LN	8431927100634	50 un	326
40016021	LN	8431927100641	25 un	326
40016029	LN	8431927100658	20 un	326
40016036	LN	8431927100665	10 un	326
40016042	LN	8431927100672	5 un	326
40016048	LN	8431927100689	5 un	326
40017120	LN	8431927100696	100 un	326
40017160	LN	8431927100702	50 un	326
40017200	LN	8431927100719	50 un	326
40017250	LN	8431927100726	25 un	326
40017320	LN	8431927100733	20 un	326
40017400	LN	8431927100740	10 un	326
40017500	LN	8431927100757	5 un	326
40017630	LN	8431927100764	5 un	326
4002				
40020007	RAL 7035	8431927005632	100 un	267, 285, 324
40020009	RAL 7035	8431927005649	100 un	267, 285, 324
40020011	RAL 7035	8431927005656	100 un	267, 285, 324
40020013	RAL 7035	8431927005663	100 un	267, 285, 324
40020016	RAL 7035	8431927005670	100 un	267, 285, 324

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4002				
40020021	RAL 7035	8431927005687	100 un	267, 285, 324
40020029	RAL 7035	8431927005694	50 un	267, 285, 324
40020036	RAL 7035	8431927005700	25 un	267, 285, 324
40020042	RAL 7035	8431927019240	25 un	267
40020048	RAL 7035	8431927005717	25 un	267, 285, 324
40021120	RAL 7035	8431927005724	100 un	267, 285, 324
40021160	RAL 7035	8431927005731	100 un	267, 285, 324
40021200	RAL 7035	8431927005748	100 un	267, 285, 324
40021250	RAL 7035	8431927005755	100 un	267, 285, 324
40021320	RAL 7035	8431927005762	50 un	267, 285, 324
40021400	RAL 7035	8431927005779	25 un	267, 285, 324
40021500	RAL 7035	8431927005786	25 un	267, 285, 324
40021630	RAL 7035	8431927005793	25 un	267, 285, 324
40024007	RAL 9005	8431927020550	100 un	285, 299, 324
40024009	RAL 9005	8431927020567	100 un	285, 299, 324
40024011	RAL 9005	8431927020574	100 un	285, 299, 324
40024013	RAL 9005	8431927020581	100 un	285, 299, 324
40024016	RAL 9005	8431927020598	100 un	285, 299, 324
40024021	RAL 9005	8431927020604	100 un	285, 299, 324
40024029	RAL 9005	8431927020611	50 un	285, 299, 324
40024036	RAL 9005	8431927020628	25 un	285, 299, 324
40024048	RAL 9005	8431927020635	25 un	285, 299, 324
40025120	RAL 9005	8431927020642	100 un	285, 299, 324
40025160	RAL 9005	8431927020659	100 un	285, 299, 324
40025200	RAL 9005	8431927020666	100 un	285, 299, 324
40025250	RAL 9005	8431927020673	100 un	285, 299, 324
40025320	RAL 9005	8431927020680	50 un	285, 299, 324
40025400	RAL 9005	8431927020697	25 un	285, 299, 324
40025500	RAL 9005	8431927020703	25 un	285, 299, 324
40025630	RAL 9005	8431927020710	25 un	285, 299, 324
40026007	RAL 7001	8431927042255	100 un	285, 299, 324
40026009	RAL 7001	8431927042262	100 un	285, 299, 324
40026011	RAL 7001	8431927042279	100 un	285, 299, 324
40026013	RAL 7001	8431927042286	100 un	285, 299, 324
40026016	RAL 7001	8431927042293	100 un	285, 299, 324
40026021	RAL 7001	8431927042309	100 un	285, 299, 324
40026029	RAL 7001	8431927042316	50 un	285, 299, 324
40026036	RAL 7001	8431927042323	25 un	285, 299, 324
40026048	RAL 7001	8431927042347	25 un	285, 299, 324
40027120	RAL 7001	8431927042354	100 un	285, 299, 324
40027160	RAL 7001	8431927042361	100 un	285, 299, 324
40027200	RAL 7001	8431927042378	100 un	285, 299, 324
40027250	RAL 7001	8431927042385	100 un	285, 299, 324
40027320	RAL 7001	8431927042392	50 un	285, 299, 324
40027400	RAL 7001	8431927042408	25 un	285, 299, 324
40027500	RAL 7001	8431927042415	25 un	285, 299, 324
40027630	RAL 7001	8431927042422	25 un	285, 299, 324
4003				
40030116	RAL 9005	8431927095534	25 un	328
40030121	RAL 9005	8431927095541	25 un	328
40030129	RAL 9005	8431927095558	5 un	328
40030136	RAL 9005	8431927095565	5 un	328
40030142	RAL 9005	8431927095572	5 un	328
40030148	RAL 9005	8431927095589	5 un	328
40030209	RAL 9005	8431927095596	50 un	328
40030211	RAL 9005	8431927095602	50 un	328
40030311	RAL 9005	8431927095619	50 un	328
40030313	RAL 9005	8431927095626	50 un	328
40030316	RAL 9005	8431927095633	25 un	328
40030321	RAL 9005	8431927095640	25 un	328
40030409	RAL 9005	8431927095657	50 un	328
40030421	RAL 9005	8431927095664	25 un	328
40030429	RAL 9005	8431927095671	5 un	328
40030511	RAL 9005	8431927095688	50 un	328
40030513	RAL 9005	8431927095695	50 un	328
40030516	RAL 9005	8431927095701	25 un	328
40030521	RAL 9005	8431927095718	25 un	328
40030609	RAL 9005	8431927095725	50 un	328
40030616	RAL 9005	8431927095732	25 un	328

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4003				
40030621	RAL 9005	8431927095749	25 un	328
40030821	RAL 9005	8431927095756	25 un	328
40030829	RAL 9005	8431927095763	5 un	328
40030913	RAL 9005	8431927095770	50 un	328
40030916	RAL 9005	8431927095787	25 un	328
40030921	RAL 9005	8431927095794	25 un	328
4200				
42001612	LN	8431927020949	100 un	325
42002016	LN	8431927020963	100 un	325
42002516	LN	8431927020970	50 un	325
42002520	LN	8431927020987	50 un	325
42003220	LN	8431927020994	50 un	325
42003225	LN	8431927021007	50 un	325
42004025	LN	8431927021014	25 un	325
42004032	LN	8431927021021	25 un	325
42005032	LN	8431927021038	10 un	325
4202				
42020709	LN	8431927005946	100 un	327
42020911	LN	8431927005953	100 un	327
42020913	LN	8431927005960	100 un	327
42021113	LN	8431927005977	100 un	327
42021116	LN	8431927005984	100 un	327
42021316	LN	8431927005991	100 un	327
42021621	LN	8431927006004	50 un	327
42022129	LN	8431927006011	50 un	327
42022936	LN	8431927006028	25 un	327
4205				
42051216	LN	8431927021144	100 un	327
42051620	LN	8431927021151	100 un	327
42052025	LN	8431927021168	50 un	327
42052532	LN	8431927021175	50 un	327
42053240	LN	8431927021182	25 un	327
42054050	LN	8431927021199	25 un	327
42055063	LN	8431927021205	10 un	327
4300				
43001609	LN	8431927021212	100 un	327
43002011	LN	8431927021229	100 un	327
43002013	LN	8431927021236	100 un	327
43002016	LN	8431927021243	100 un	327
43002516	LN	8431927021250	50 un	327
43002521	LN	8431927021267	50 un	327
43003229	LN	8431927021274	25 un	327
4301				
43010916	LN	8431927021281	100 un	327
43011120	LN	8431927021298	100 un	327
43011320	LN	8431927021304	100 un	327
43011625	LN	8431927021311	50 un	327
4401				
44010007	LN	8431927006035	100 un	327
44010009	LN	8431927006042	100 un	327
44010011	LN	8431927006059	100 un	327
44010013	LN	8431927006066	100 un	327
44010016	LN	8431927006073	100 un	327
44010021	LN	8431927006080	100 un	327
44010029	LN	8431927006097	50 un	327
44010036	LN	8431927006103	25 un	327
44010042	LN	8431927006110	25 un	327
44010048	LN	8431927006127	10 un	327
44011120	LN	8431927006134	100 un	327
44011160	LN	8431927015136	100 un	327
44011200	LN	8431927006141	100 un	327
44011250	LN	8431927015143	100 un	327
44011320	LN	8431927006158	50 un	327
44011400	LN	8431927006165	25 un	327
44011500	LN	8431927006172	25 un	327

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4401				
44011630	LN	8431927006189	10 un	327
44013120	LN	8431927100771	100 un	320
44013121	LN	8431927100795	100 un	320
44013122	LN	8431927100818	100 un	320
44013123	LN	8431927100832	100 un	320
44014120	303	8431927100788	100 un	320
44014121	303	8431927100801	100 un	320
44014122	303	8431927100825	100 un	320
44014123	303	8431927100849	100 un	320
4402				
44020007	RAL 7035	8431927006196	100 un	325
44020009	RAL 7035	8431927006202	100 un	325
44020011	RAL 7035	8431927006219	100 un	325
44020013	RAL 7035	8431927006226	100 un	325
44020016	RAL 7035	8431927006233	100 un	325
44020021	RAL 7035	8431927006240	100 un	325
44020029	RAL 7035	8431927006257	50 un	325
44020036	RAL 7035	8431927006264	25 un	325
44021120	RAL 7035	8431927006295	100 un	325
44021160	RAL 7035	8431927006301	100 un	325
44021200	RAL 7035	8431927006318	100 un	325
44021250	RAL 7035	8431927006325	100 un	325
44021320	RAL 7035	8431927015150	50 un	325
44021400	RAL 7035	8431927015167	50 un	325
44022120	RAL 7035	8431927100856	100 un	320
44022121	RAL 7035	8431927100863	100 un	320
44022122	RAL 7035	8431927100870	100 un	320
44022123	RAL 7035	8431927100887	100 un	320
44023120	RAL 9005	8431927100894	100 un	320
44023121	RAL 9005	8431927100900	100 un	320
44023122	RAL 9005	8431927100917	100 un	320
44023123	RAL 9005	8431927100924	100 un	320
4404				
44040007	RAL 9005	8431927100931	1 un	329
44040009	RAL 9005	8431927100948	1 bol	329
44040011	RAL 9005	8431927100955	1 un	329
44040013	RAL 9005	8431927100962	500 un	329
44040016	RAL 9005	8431927100979	500 bol	329
44040021	RAL 9005	8431927100986	500 un	329
44040029	RAL 9005	8431927100993	200 un	329
44040036	RAL 9005	8431927101006	100 un	329
44040042	RAL 9005	8431927101013	50 un	329
44040048	RAL 9005	8431927101020	50 un	329
44041007	RAL 3000	8431927101037	1 bol	329
44041009	RAL 3000	8431927101044	1 un	329
44041011	RAL 3000	8431927101051	1 un	329
44041013	RAL 3000	8431927101068	500 un	329
44041016	RAL 3000	8431927101075	500 un	329
44041021	RAL 3000	8431927101082	500 un	329
44041029	RAL 3000	8431927101099	200 un	329
44041036	RAL 3000	8431927101105	100 un	329
44041042	RAL 3000	8431927101112	50 un	329
44041048	RAL 3000	8431927101129	50 un	329
5500				
55002016	AL	8431927026613	50 un	276
55002020	AL	8431927026620	50 un	276
55002025	AL	8431927026637	50 un	276
55002032	AL	8431927026644	50 un	276
55002040	AL	8431927026651	20 un	276
55002050	AL	8431927026668	20 un	276
55002063	AL	8431927026675	20 un	276
55003016	304L	8431927091840	5 un	278
55003020	304L	8431927026729	5 un	278
55003025	304L	8431927026736	5 un	278
55003032	304L	8431927026743	5 un	278
55003040	304L	8431927026750	3 un	278
55003050	304L	8431927091857	3 un	278
55004016	EZ	8431927026767	50 un	271

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5500				
55004020	EZ	8431927026774	50 un	271
55004025	EZ	8431927026781	50 un	271
55004032	EZ	8431927026798	25 un	271
55004040	EZ	8431927026804	20 un	271
55004050	EZ	8431927026811	10 un	271
55004063	EZ	8431927026828	6 un	271
55004116	GC	8431927091130	25 un	274
55004120	GC	8431927087645	50 un	274
55004125	GC	8431927087652	50 un	274
55004132	GC	8431927087669	50 un	274
55004140	GC	8431927087676	25 un	274
55004150	GC	8431927091147	10 un	274
55004163	GC	8431927091154	5 un	274
55005016	EZ	8431927026835	50 un	272
55005020	EZ	8431927026842	50 un	272
55005025	EZ	8431927026859	50 un	272
55005032	EZ	8431927026866	25 un	272
55005040	EZ	8431927026873	20 un	272
55005050	EZ	8431927026880	10 un	272
55005063	EZ	8431927026897	6 un	272
55006016	EZ	8431927026903	100 un	271
55006020	EZ	8431927026910	50 un	271
55006025	EZ	8431927026927	25 un	271
55006032	EZ	8431927026934	20 un	271
55006040	EZ	8431927026941	12 un	271
55006050	EZ	8431927026958	6 un	271
55006063	EZ	8431927026965	3 un	271
55006116	GC	8431927091161	25 un	274
55006120	GC	8431927091178	50 un	274
55006125	GC	8431927091185	50 un	274
55006132	GC	8431927091192	50 un	274
55006140	GC	8431927091208	25 un	274
55006150	GC	8431927091215	10 un	274
55006163	GC	8431927091222	5 un	274
55007016	EZ	8431927026972	50 un	272
55007020	EZ	8431927026989	50 un	272
55007025	EZ	8431927026996	25 un	272
55007032	EZ	8431927027009	25 un	272
55007040	EZ	8431927027016	15 un	272
55007050	EZ	8431927027023	6 un	272
55007063	EZ	8431927027030	6 un	272
55007116	RAL 7035	8431927082398	50 un	266
55007120	RAL 7035	8431927082404	50 un	266
55007125	RAL 7035	8431927082411	50 un	266
55008016	RAL 7035	8431927067548	19 un	260
55008020	RAL 7035	8431927067555	19 un	260
55008025	RAL 7035	8431927067562	19 un	260
55008032	RAL 7035	8431927067579	10 un	260
55008040	RAL 7035	8431927067586	10 un	260
55008050	RAL 7035	8431927067593	5 un	260
55008063	RAL 7035	8431927067609	5 un	260
55009016	RAL 7035	8431927067616	19 un	263
55009020	RAL 7035	8431927067623	19 un	263
55009025	RAL 7035	8431927067630	19 un	263
55009032	RAL 7035	8431927067647	10 un	263
55009040	RAL 7035	8431927067654	10 un	263
55009050	RAL 7035	8431927067661	5 un	263
55009063	RAL 7035	8431927067678	5 un	263
5501				
55012016	AL	8431927027597	15 un	276
55012020	AL	8431927027603	25 un	276
55012025	AL	8431927027610	25 un	276
55012032	AL	8431927027627	20 un	276
55012040	AL	8431927027634	15 un	276
55012050	AL	8431927027641	5 un	276
55012063	AL	8431927027658	3 un	276
55013016	316L	8431927091864	5 un	278
55013020	316L	8431927027696	5 un	278
55013025	316L	8431927027702	5 un	278

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5501				
55013032	316L	8431927027719	5 un	278
55013040	316L	8431927027726	15 un	278
55013050	316L	8431927091871	5 un	278
55014016	EZ	8431927027047	100 un	271
55014020	EZ	8431927027054	100 un	271
55014025	EZ	8431927027061	100 un	271
55014032	EZ	8431927027078	100 un	271
55014040	EZ	8431927027085	100 un	271
55014050	EZ	8431927027092	100 un	271
55014063	EZ	8431927027108	100 un	271
55014116	GC	8431927091239	15 un	275
55014120	GC	8431927091246	25 un	275
55014125	GC	8431927091253	25 un	275
55014132	GC	8431927091260	20 un	275
55014140	GC	8431927091277	15 un	275
55014150	GC	8431927091284	5 un	275
55014163	GC	8431927091291	3 un	275
55015016	EZ	8431927027115	100 un	271
55015020	EZ	8431927027122	100 un	271
55015025	EZ	8431927027139	100 un	271
55015032	EZ	8431927027146	100 un	271
55015040	EZ	8431927027153	100 un	271
55015050	EZ	8431927027160	100 un	271
55015063	EZ	8431927027177	100 un	271
55015116	GC	8431927091307	15 un	275
55015120	GC	8431927091314	25 un	275
55015125	GC	8431927091321	25 un	275
55015132	GC	8431927091338	20 un	275
55015140	GC	8431927091345	15 un	275
55015150	GC	8431927091352	5 un	275
55015163	GC	8431927091369	3 un	275
55016016	RAL 7035	8431927067685	25 un	262
55016020	RAL 7035	8431927067692	25 un	262
55016025	RAL 7035	8431927067708	25 un	262
55016032	RAL 7035	8431927067715	10 un	262
55017016	RAL 7035	8431927067722	25 un	264
55017020	RAL 7035	8431927067739	25 un	264
55017025	RAL 7035	8431927067746	25 un	264
55017032	RAL 7035	8431927067753	10 un	264
5502				
55022016	AL	8431927091376	50 un	277
55022020	AL	8431927091383	50 un	277
55022025	AL	8431927091390	50 un	277
55022032	AL	8431927091406	50 un	277
55022040	AL	8431927091413	25 un	277
55023016	RAL 7035	8431927091697	100 un	267
55023020	RAL 7035	8431927091703	100 un	267
55023025	RAL 7035	8431927091710	100 un	267
55023032	RAL 7035	8431927091727	80 un	267
55023040	RAL 7035	8431927091802	30 un	267
55023050	RAL 7035	8431927091819	20 un	267
55024012	RAL 7035	8431927091734	50 un	267
55024020	RAL 7035	8431927091741	40 un	267
55024032	RAL 7035	8431927091758	20 un	267
5503				
55031016	AL	8431927091420	50 un	277
55031020	AL	8431927091437	50 un	277
55031025	AL	8431927091444	50 un	277
55031032	AL	8431927091451	25 un	277
55031040	AL	8431927091468	25 un	277
55032116	GC	8431927091475	100 un	275
55032120	GC	8431927091482	100 un	275
55032125	GC	8431927091499	100 un	275
55032132	GC	8431927091505	100 un	275
55032140	GC	8431927091512	50 un	275
55032150	GC	8431927091529	50 un	275
55032163	GC	8431927091536	50 un	275
55033116	GC	8431927091543	50 un	275

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5503				
55033120	GC	8431927091550	50 un	275
55033125	GC	8431927091567	50 un	275
55033132	GC	8431927091574	25 un	275
55033140	GC	8431927091581	25 un	275
55033150	GC	8431927091598	25 un	275
55033163	GC	8431927091604	20 un	275
55034016	316L	8431927091888	20 un	278
55034020	316L	8431927091895	20 un	278
55034025	316L	8431927091901	20 un	278
55034032	316L	8431927091918	20 un	278
55034040	316L	8431927091925	10 un	278
55034050	316L	8431927091932	10 un	278
55035016	316L	8431927091949	10 un	278
55035020	316L	8431927091956	10 un	278
55035025	316L	8431927091963	10 un	278
55035032	316L	8431927091970	10 un	278
55035040	316L	8431927091987	5 un	278
55035050	316L	8431927091994	5 un	278
5504				
55042016	RAL 7035	8431927092243	19 un	261
55042020	RAL 7035	8431927092250	19 un	261
55042025	RAL 7035	8431927092267	19 un	261
55042032	RAL 7035	8431927092274	10 un	261
55042040	RAL 7035	8431927095145	10 un	261
55042050	RAL 7035	8431927095152	5 un	261
55042063	RAL 7035	8431927095169	5 un	261
55043016	RAL 7035	8431927095176	19 un	263
55043020	RAL 7035	8431927095183	19 un	263
55043025	RAL 7035	8431927095190	19 un	263
55043032	RAL 7035	8431927095206	10 un	263
55043040	RAL 7035	8431927095213	10 un	263
55043050	RAL 7035	8431927095220	5 un	263
55043063	RAL 7035	8431927095237	5 un	263
55044016	RAL 7035	8431927095244	19 un	260
55044020	RAL 7035	8431927095251	19 un	260
55044025	RAL 7035	8431927095268	19 un	260
55044032	RAL 7035	8431927095275	10 un	260
55044040	RAL 7035	8431927095282	10 un	260
55044050	RAL 7035	8431927095299	5 un	260
55044063	RAL 7035	8431927095305	5 un	260
5507				
55070016	AL	8431927027214	20 un	273
55070020	AL	8431927027221	20 un	273
55070025	AL	8431927027238	12 un	273
55070032	AL	8431927027245	4 un	273
55070040	AL	8431927027252	4 un	273
55070050	AL	8431927027269	2 un	273
55071016	AL	8431927027276	20 un	273
55071020	AL	8431927027283	20 un	273
55071025	AL	8431927027290	12 un	273
55071032	AL	8431927027306	4 un	273
55071040	AL	8431927027313	4 un	273
55071050	AL	8431927027320	2 un	273
55072016	RAL 7035	8431927067876	25 un	262
55072020	RAL 7035	8431927067883	25 un	262
55072025	RAL 7035	8431927067890	25 un	262
55072032	RAL 7035	8431927067906	15 un	262
55073016	RAL 7035	8431927067913	25 un	264
55073020	RAL 7035	8431927067920	25 un	264
55073025	RAL 7035	8431927067937	25 un	264
55073032	RAL 7035	8431927067944	15 un	264
5508				
55080016	AL	8431927027337	10 un	273
55080020	AL	8431927027344	10 un	273
55080025	AL	8431927027351	8 un	273
55080032	AL	8431927027368	2 un	273
55080040	AL	8431927027375	2 un	273
55080050	AL	8431927027382	1 un	273

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5508				
55081016	AL	8431927027399	10 un	273
55081020	AL	8431927027405	10 un	273
55081025	AL	8431927027412	8 un	273
55081032	AL	8431927027429	2 un	273
55081040	AL	8431927027436	2 un	273
55081050	AL	8431927027443	1 un	273
55082016	RAL 7035	8431927068033	25 un	262
55082020	RAL 7035	8431927068040	25 un	262
55082025	RAL 7035	8431927068057	25 un	262
55082032	RAL 7035	8431927068064	15 un	262
55083016	RAL 7035	8431927068071	25 un	264
55083020	RAL 7035	8431927068088	25 un	264
55083025	RAL 7035	8431927068095	25 un	264
55083032	RAL 7035	8431927068101	15 un	264
5509				
55090016	RAL 7035	8431927067951	20 un	262
55090020	RAL 7035	8431927067968	20 un	262
55090025	RAL 7035	8431927067975	10 un	262
55090032	RAL 7035	8431927067982	10 un	262
55091016	RAL 7035	8431927067999	20 un	264
55091020	RAL 7035	8431927068002	20 un	264
55091025	RAL 7035	8431927068019	10 un	264
55091032	RAL 7035	8431927068026	10 un	264
5511				
55111016	RAL 7035	8431927091611	100 un	273
55111020	RAL 7035	8431927091628	100 un	273
55111025	RAL 7035	8431927091635	100 un	273
55111032	RAL 7035	8431927091642	50 un	273
55111040	RAL 7035	8431927091659	50 un	273
55111050	RAL 7035	8431927091666	25 un	273
55111063	RAL 7035	8431927091673	20 un	273
5512				
55120032	RAL 7035	8431927091772	100 un	267
55120063	RAL 7035	8431927091796	50 un	267
6021				
60211060	EZ	8431927046499	3 m	027
60211100	EZ	8431927012395	3 m	027
60211150	EZ	8431927036728	3 m	027
60211200	EZ	8431927012401	3 m	027
60211300	EZ	8431927012418	3 m	027
60211400	EZ	8431927015907	3 m	027
60212060	EZ	8431927012425	3 m	027
60212065	EZ	8431927096845	3 m	032
60212100	EZ	8431927012432	3 m	027
60212150	EZ	8431927012449	3 m	027
60212200	EZ	8431927012456	3 m	027
60212300	EZ	8431927012463	3 m	027
60212400	EZ	8431927012470	3 m	027
60212450	EZ	8431927083111	3 m	027
60212500	EZ	8431927012487	3 m	027
60212600	EZ	8431927012494	3 m	027
60213100	EZ	8431927076823	3 m	027
60213150	EZ	8431927042606	3 m	027
60213200	EZ	8431927012500	3 m	027
60213300	EZ	8431927012517	3 m	027
60213400	EZ	8431927012524	3 m	027
60213450	EZ	8431927095312	3 m	027
60213500	EZ	8431927012531	3 m	027
60213600	EZ	8431927012548	3 m	027
60215020	EZ	8431927012562	2 m	056
60216200	EZ	8431927095404	3 m	027
60216300	EZ	8431927087850	3 m	027
60216400	EZ	8431927095411	3 m	027
60216450	EZ	8431927087867	3 m	027
60216500	EZ	8431927095428	3 m	027
60216600	EZ	8431927087874	3 m	027

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6023				
60231060	GC	8431927046512	3 m	027
60231100	GC	8431927006660	3 m	027
60231150	GC	8431927040411	3 m	027
60231200	GC	8431927006677	3 m	027
60231300	GC	8431927006684	3 m	027
60231400	GC	8431927015921	3 m	027
60232060	GC	8431927006691	3 m	027
60232065	GC	8431927096869	3 m	032
60232100	GC	8431927006707	3 m	027
60232150	GC	8431927006714	3 m	027
60232200	GC	8431927006721	3 m	027
60232300	GC	8431927006738	3 m	027
60232400	GC	8431927006745	3 m	027
60232500	GC	8431927006752	3 m	027
60232600	GC	8431927006769	3 m	027
60233100	GC	8431927076847	3 m	027
60233150	GC	8431927085276	3 m	027
60233200	GC	8431927006776	3 m	027
60233300	GC	8431927006783	3 m	027
60233400	GC	8431927006790	3 m	027
60233450	GC	8431927095336	3 m	027
60233500	GC	8431927006806	3 m	027
60233600	GC	8431927006813	3 m	027
60236200	GC	8431927106186	3 bto	027
60236300	GC	8431927106193	3 bto	027
60236400	GC	8431927106209	3 bto	027
60236450	GC	8431927106216	3 bto	027
60236500	GC	8431927106223	3 bto	027
60236600	GC	8431927106230	3 bto	027
6025				
60251060	304L	8431927046529	3 m	027
60251100	304L	8431927006837	3 m	027
60251150	304L	8431927092335	3 m	027
60251200	304L	8431927006844	3 m	027
60251300	304L	8431927006851	3 m	027
60251400	304L	8431927015938	3 m	027
60252060	304L	8431927006868	3 m	027
60252065	304L	8431927096876	3 m	032
60252100	304L	8431927006875	3 m	027
60252150	304L	8431927006882	3 m	027
60252200	304L	8431927006899	3 m	027
60252300	304L	8431927006905	3 m	027
60252400	304L	8431927006912	3 m	027
60252500	304L	8431927006929	3 m	027
60252600	304L	8431927006936	3 m	027
60253100	304L	8431927036810	3 m	027
60253150	304L	8431927085283	3 m	027
60253200	304L	8431927006943	3 m	027
60253300	304L	8431927006950	3 m	027
60253400	304L	8431927006967	3 m	027
60253500	304L	8431927006974	3 m	027
60253600	304L	8431927006981	3 m	027
60256200	304L	8431927106247	3 bto	027
60256300	304L	8431927106254	3 bto	027
60256400	304L	8431927106261	3 bto	027
60256450	304L	8431927106278	3 bto	027
60256500	304L	8431927106285	3 bto	027
60256600	304L	8431927106292	3 bto	027
6026				
60261060	316L	8431927046536	3 m	027
60261100	316L	8431927018465	3 m	027
60261150	316L	8431927092342	3 m	027
60261200	316L	8431927018472	3 m	027
60261300	316L	8431927018489	3 m	027
60261400	316L	8431927018496	3 m	027
60262060	316L	8431927018502	3 m	027
60262065	316L	8431927096883	3 m	032
60262100	316L	8431927014726	3 m	027
60262150	316L	8431927014733	3 m	027

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6026				
60262200	316L	8431927014740	3 m	027
60262300	316L	8431927014757	3 m	027
60262400	316L	8431927014764	3 m	027
60262500	316L	8431927014771	3 m	027
60262600	316L	8431927014788	3 m	027
60263100	316L	8431927042620	3 m	027
60263150	316L	8431927042637	3 m	027
60263200	316L	8431927018519	3 m	027
60263300	316L	8431927018526	3 m	027
60263400	316L	8431927018533	3 m	027
60263500	316L	8431927018540	3 m	027
60263600	316L	8431927018557	3 m	027
60266200	316L	8431927106308	3 bto	027
60266300	316L	8431927106315	3 bto	027
60266400	316L	8431927106322	3 bto	027
60266450	316L	8431927106339	3 bto	027
60266500	316L	8431927106346	3 bto	027
60266600	316L	8431927106353	3 bto	027
6028				
60281060	BK8	8431927087225	3 m	027
60281100	BK8	8431927087232	3 m	027
60281150	BK8	8431927087249	3 m	027
60281200	BK8	8431927087256	3 m	027
60281300	BK8	8431927087263	3 m	027
60281400	BK8	8431927087270	3 m	027
60282060	BK8	8431927087287	3 m	027
60282065	BK8	8431927096890	3 m	032
60282100	BK8	8431927087294	3 m	027
60282150	BK8	8431927087300	3 m	027
60282200	BK8	8431927087317	3 m	027
60282300	BK8	8431927087324	3 m	027
60282400	BK8	8431927087331	3 m	027
60282450	BK8	8431927090966	3 m	027
60282500	BK8	8431927087348	3 m	027
60282600	BK8	8431927087355	3 m	027
60283100	BK8	8431927087362	3 m	027
60283150	BK8	8431927087379	3 m	027
60283200	BK8	8431927087386	3 m	027
60283300	BK8	8431927087393	3 m	027
60283400	BK8	8431927087409	3 m	027
60283450	BK8	8431927095343	3 m	027
60283500	BK8	8431927087416	3 m	027
60283600	BK8	8431927087423	3 m	027
60286200	BK8	8431927106360	3 m	027
60286300	BK8	8431927106377	3 m	027
60286400	BK8	8431927106384	3 m	027
60286450	BK8	8431927106391	3 m	027
60286500	BK8	8431927106407	3 m	027
60286600	BK8	8431927106414	3 m	027
6051				
60512060	EZ	8431927088307	3 m	022
60512100	EZ	8431927088314	3 m	022
60512150	EZ	8431927088321	3 m	022
60512200	EZ	8431927088338	3 m	022
60512300	EZ	8431927088345	3 m	022
60512400	EZ	8431927088352	3 m	022
60512450	EZ	8431927090973	3 m	022
60512500	EZ	8431927088369	3 m	022
60512600	EZ	8431927088376	3 m	022
60513100	EZ	8431927094933	3 m	022
60513150	EZ	8431927094940	3 m	022
60513200	EZ	8431927094957	3 m	022
60513300	EZ	8431927094964	3 m	022
60513400	EZ	8431927094971	3 m	022
60513450	EZ	8431927095350	3 m	022
60513500	EZ	8431927094988	3 m	022
60513600	EZ	8431927094995	3 m	022

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6058				
60582060	BK8	8431927090881	3 m	022, 026
60582100	BK8	8431927090898	3 m	026
60582150	BK8	8431927090904	3 m	022, 026
60582200	BK8	8431927090911	3 m	022, 026
60582300	BK8	8431927090928	3 m	022, 026
60582400	BK8	8431927090935	3 m	022, 026
60582450	BK8	8431927090997	3 m	022, 026
60582500	BK8	8431927090942	3 m	022, 026
60582600	BK8	8431927090959	3 m	022, 026
60583100	BK8	8431927095077	3 m	022, 026
60583150	BK8	8431927095084	3 m	022, 026
60583200	BK8	8431927095091	3 m	022, 026
60583300	BK8	8431927095107	3 m	022, 026
60583400	BK8	8431927095114	3 m	022, 026
60583450	BK8	8431927095374	3 m	022, 026
60583500	BK8	8431927095121	3 m	022, 026
60583600	BK8	8431927095138	3 m	022, 026
6061				
60613206	EZ	8431927094704	3 m	058
60613306	EZ	8431927094711	3 m	058
60613310	EZ	8431927094728	3 m	058
60613315	EZ	8431927094735	3 m	058
60613320	EZ	8431927094742	3 m	058
6068				
60683206	BK8	8431927094858	3 m	058
60683306	BK8	8431927094865	3 m	058
60683310	BK8	8431927094872	3 m	058
60683315	BK8	8431927094889	3 m	058
60683320	BK8	8431927094896	3 m	058
6201				
62011060	EZ	8431927012579	25 un	050
62016020	EZ	8431927044631	10 un	048
62016021	EZ	8431927044600	25 un	048
62016022	EZ	8431927065988	10 un	050
6202				
62021104	PG	8431927045355	100 un	206
62021154	PG	8431927045362	100 un	206
62021204	PG	8431927045379	100 un	206
62021304	PG	8431927045386	100 un	206, 222
62021404	PG	8431927045393	100 un	206, 222
62021504	PG	8431927045409	100 un	222
62021604	PG	8431927045416	100 un	222
62022104	PG	8431927045423	100 un	206
62022154	PG	8431927045430	100 un	206
62022204	PG	8431927045447	100 un	206
62022304	PG	8431927045454	100 un	206
62022404	PG	8431927045461	100 un	206
62025103	PG	8431927039811	100 un	208
62025153	PG	8431927039828	100 un	208
62025203	PG	8431927039835	100 un	208
62025303	PG	8431927039842	100 un	208
62025403	PG	8431927039859	100 un	208
62025503	PG	8431927039866	100 un	208
62025603	PG	8431927039873	100 un	208
62026010	PG	8431927007186	10 un	044
62026011	PG	8431927007193	10 un	044
6203				
62031060	LN	8431927007247	25 un	050
62031084	RAL 3000	8431927045874	50 un	216
62031085	RAL 3000	8431927036858	50 un	216
62031090	LN	8431927045171	60 un	216
62031104	LN	8431927045478	100 un	206
62031154	LN	8431927045485	100 un	206
62031204	LN	8431927045492	100 un	206
62031304	LN	8431927045508	100 un	206, 222
62031404	LN	8431927045515	100 un	206, 222

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6203				
62031504	LN	8431927045522	100 un	222
62031604	LN	8431927045539	100 un	222
62032104	LN	8431927045546	100 un	206
62032154	LN	8431927045553	100 un	206
62032204	LN	8431927045560	100 un	206
62032304	LN	8431927045577	100 un	206
62032404	LN	8431927045584	100 un	206
62035001	LN	8431927044525	15 un	216
62035103	GC	8431927039880	100 un	208
62035153	GC	8431927039897	100 un	208
62035203	GC	8431927039903	100 un	208
62035303	GC	8431927039910	100 un	208
62035403	GC	8431927039927	100 un	208
62035503	GC	8431927039934	100 un	208
62035603	GC	8431927039941	100 un	208
62035703	GC	8431927066091	100 un	208
62035753	GC	8431927066299	100 un	208
62035803	GC	8431927066107	100 un	208
62035903	GC	8431927066114	100 un	208
62035993	GC	8431927066121	100 un	208
62036010	LN	8431927007667	10 un	044
62036011	LN	8431927007674	10 un	044
62036020	LN	8431927044655	10 un	048
62036021	LN	8431927044624	25 un	048
62036022	LN	8431927066008	10 un	050
62037002	LN	8431927046185	100 un	210
6205				
62051104	304L	8431927078223	100 un	206
62051154	304L	8431927078230	100 un	206
62051204	304L	8431927078247	100 un	206
62051304	304L	8431927078254	100 un	206, 222
62051404	304L	8431927078261	100 un	206, 222
62051504	304L	8431927078278	100 un	222
62051604	304L	8431927078285	100 un	222
62052104	304L	8431927078292	100 un	206
62052154	304L	8431927078308	100 un	206
62052204	304L	8431927078315	100 un	206
62052304	304L	8431927078322	100 un	206
62052404	304L	8431927078339	100 un	206
62055103	304L	8431927078346	100 un	208
62055153	304L	8431927078353	100 un	208
62055203	304L	8431927078360	100 un	208
62055303	304L	8431927078377	100 un	208
62055403	304L	8431927078384	100 un	208
62055503	304L	8431927078391	100 un	208
62055603	304L	8431927078407	100 un	208
62057002	304L	8431927078414	4 bto	210
6206				
62061060	316L	8431927018564	25 un	050
62061104	316L	8431927045591	100 un	206
62061154	316L	8431927045607	100 un	206
62061204	316L	8431927045614	100 un	206
62061304	316L	8431927045621	100 un	206, 222
62061404	316L	8431927045638	100 un	206, 222
62061504	316L	8431927045645	100 un	222
62061604	316L	8431927045652	100 un	222
62062104	316L	8431927045669	100 un	206
62062154	316L	8431927045676	100 un	206
62062204	316L	8431927045683	100 un	206
62062304	316L	8431927045690	100 un	206
62062404	316L	8431927045706	100 un	206
62065103	316L	8431927040022	100 un	208
62065153	316L	8431927040039	100 un	208
62065203	316L	8431927040046	100 un	208
62065303	316L	8431927040053	100 un	208
62065403	316L	8431927040060	100 un	208
62065503	316L	8431927040077	100 un	208
62065603	316L	8431927040084	100 un	208

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6206				
62066010	316L	8431927018762	10 un	044
62066011	316L	8431927018779	10 un	044
62066022	316L	8431927066015	10 un	050
62067002	316L	8431927050854	4 bto	210
6208				
62081060	BK8	8431927087430	25 un	050
62081104	BK8	8431927087980	100 un	206
62081154	BK8	8431927087997	100 un	206
62081204	BK8	8431927088000	100 un	206
62081304	BK8	8431927088017	100 un	206, 222
62081404	BK8	8431927088024	100 un	206, 222
62081504	BK8	8431927088031	100 un	222
62081604	BK8	8431927088048	100 un	222
62082104	BK8	8431927088055	100 un	206
62082154	BK8	8431927088062	100 un	206
62082204	BK8	8431927088079	100 un	206
62082304	BK8	8431927088086	100 un	206
62082404	BK8	8431927088093	100 un	206
62085103	BK8	8431927088109	100 un	208
62085153	BK8	8431927088116	100 un	208
62085203	BK8	8431927088123	100 un	208
62085303	BK8	8431927088130	100 un	208
62085403	BK8	8431927088147	100 un	208
62085503	BK8	8431927088154	100 un	208
62085603	BK8	8431927088161	100 un	208
62086010	BK8	8431927087447	10 un	044
62086011	BK8	8431927087454	10 un	044
62086020	BK8	8431927087461	10 un	048
62086021	BK8	8431927087478	25 un	048
62086022	BK8	8431927087485	10 un	050
6230				
62301100	AL	8431927093912	10 un	244, 245
62301400	AL	8431927093929	10 un	244, 245
62301800	AL	8431927093936	10 un	244, 245
62302102	EZ	8431927093943	1 un	244
62302401	EZ	8431927093950	1 un	244
62302801	EZ	8431927093967	1 un	244
62303101	EZ	8431927093974	10 un	244
62303103	EZ	8431927093981	10 un	244
62303105	EZ	8431927093998	10 un	244
62303301	EZ	8431927094001	10 un	244
62303303	EZ	8431927094018	10 un	244
62303305	EZ	8431927094025	10 un	244
62303601	EZ	8431927094032	10 un	244
62303603	EZ	8431927094049	10 un	244
62303605	EZ	8431927094056	5 un	244
62304101	EZ	8431927094063	10 un	244
62304103	EZ	8431927094070	10 un	244
62304105	EZ	8431927094087	10 un	244
62304301	EZ	8431927094094	10 un	244
62304303	EZ	8431927094100	10 un	244
62304305	EZ	8431927094117	10 un	244
62304601	EZ	8431927094124	10 un	244
62304603	EZ	8431927094131	10 un	244
62304605	EZ	8431927094148	5 un	244
62305430	EZ	8431927094155	10 un	246
62305440	EZ	8431927094162	10 un	246
62306230	EZ	8431927094179	10 un	246
62306240	EZ	8431927094186	10 un	246
62306250	EZ	8431927094193	10 un	246
62307231	EZ	8431927094209	10 un	246
62307233	EZ	8431927094216	10 un	246
62307241	EZ	8431927094223	10 un	246
62307243	EZ	8431927094230	10 un	246
62307631	EZ	8431927094247	10 un	246
62307633	EZ	8431927094254	10 un	246
62307641	EZ	8431927094261	10 un	246
62307643	EZ	8431927094278	10 un	246

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6230				
62308231	EZ	8431927094285	10 un	246
62308233	EZ	8431927094292	10 un	246
62308241	EZ	8431927094308	10 un	246
62308243	EZ	8431927094315	10 un	246
62308631	EZ	8431927094322	10 un	246
62308633	EZ	8431927094339	10 un	246
62308641	EZ	8431927094346	10 un	246
62308643	EZ	8431927094353	10 un	246
62309501	EZ	8431927094360	5 un	248
62309502	EZ	8431927094377	2 un	248
62309503	EZ	8431927094384	2 un	248
6231				
62310201	EZ	8431927094391	10 un	248
6302				
63022104	PG	8431927049087	100 un	220
63022154	PG	8431927049094	100 un	220
63022204	PG	8431927045713	100 un	220
63022304	PG	8431927045720	100 un	220
63022404	PG	8431927045737	100 un	220
63022504	PG	8431927045744	100 un	220
63022604	PG	8431927045751	100 un	220
6303				
63032104	LN	8431927049100	100 un	220
63032154	LN	8431927049117	100 un	220
63032204	LN	8431927045768	100 un	220
63032304	LN	8431927045775	100 un	220
63032404	LN	8431927045782	100 un	220
63032504	LN	8431927045799	100 un	220
63032604	LN	8431927045805	100 un	220
63033303	GC	8431927040091	100 un	210
63033403	GC	8431927040107	100 un	210
63033503	GC	8431927040114	100 un	210
63033603	GC	8431927040121	100 un	210
63034103	GC	8431927066138	100 un	224
63034153	GC	8431927066145	100 un	224
63034203	GC	8431927066152	100 un	224
63034303	GC	8431927066169	100 un	224
6305				
63052104	304L	8431927092496	100 un	220
63052154	304L	8431927092519	100 un	220
63052204	304L	8431927092533	100 un	220
63052304	304L	8431927092557	100 un	220
63052404	304L	8431927092571	100 un	220
63052504	304L	8431927092595	100 un	220
63052604	304L	8431927092618	100 un	220
6306				
63062104	316L	8431927092502	100 un	220
63062154	316L	8431927092526	100 un	220
63062204	316L	8431927092540	100 un	220
63062304	316L	8431927092564	100 un	220
63062404	316L	8431927092588	100 un	220
63062504	316L	8431927092601	100 un	220
63062604	316L	8431927092625	100 un	220
6308				
63082104	BK8	8431927088178	100 un	220
63082154	BK8	8431927088185	100 un	220
63082204	BK8	8431927088192	100 un	220
63082304	BK8	8431927088208	100 un	220
63082404	BK8	8431927088215	100 un	220
63082504	BK8	8431927088222	100 un	220
63082604	BK8	8431927088239	100 un	220
6401				
64010020	EZ	8431927012586	25 un	034
64010035	EZ	8431927044570	50 un	034
64010036	EZ	8431927044549	10 un	034

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6401				
64010038	EZ	8431927090638	20 un	034
64010040	EZ	8431927090645	20 un	034
64010041	EZ	8431927012593	50 un	036
64010046	EZ	8431927094414	20 un	036
64010048	EZ	8431927094421	20 un	036
64010058	EZ	8431927096906	25 un	032
64010059	EZ	8431927008435	50 un	252
64010060	EZ	8431927012609	50 un	036
64010061	EZ	8431927012616	50 un	027, 034
64010062	EZ	8431927012623	50 un	038
64010072	EZ	8431927066022	50 un	036
6403				
64030030	LN	8431927036896	25 un	034
64030035	LN	8431927044594	50 un	034
64030036	LN	8431927044563	10 un	034
64030041	LN	8431927008503	50 un	036
64030058	LN	8431927096920	25 un	032
64030059	LN	8431927008510	50 un	096, 252
64030060	LN	8431927008527	50 un	036
64030061	LN	8431927008534	50 un	027, 034
64030062	LN	8431927008541	50 un	038
64030072	LN	8431927066046	50 un	036
64030160	LN	8431927046277	50 un	036
6406				
64060041	316L	8431927018786	50 un	036
64060058	316L	8431927096937	25 un	032
64060059	316L	8431927018793	50 un	096, 107, 252
64060060	316L	8431927014818	50 un	036
64060061	316L	8431927014825	50 un	027, 034
64060062	316L	8431927014832	50 un	038
6408				
64080030	BK8	8431927088246	25 un	034
64080035	BK8	8431927087492	50 un	034
64080036	BK8	8431927087508	10 un	034
64080038	BK8	8431927090867	20 un	034
64080040	BK8	8431927090874	20 un	034
64080041	BK8	8431927087515	50 un	036
64080046	BK8	8431927094452	20 un	036
64080048	BK8	8431927094469	20 un	036
64080058	BK8	8431927096944	25 un	032
64080059	BK8	8431927088253	50 un	252
64080060	BK8	8431927088260	50 un	036
64080061	BK8	8431927088277	50 un	027, 034
64080062	BK8	8431927094490	50 un	038
64080072	BK8	8431927087522	50 un	036
6701				
67010016	PG	8431927092854	100 un	046
67010030	EZ	8431927044662	10 un	044
67010040	EZ	8431927012630	10 un	048
67010043	EZ	8431927015945	20 un	050
67010046	EZ	8431927012654	20 un	052
67010051	EZ	8431927012661	10 un	056
67010052	EZ	8431927015839	25 un	056, 058
67010053	EZ	8431927012685	10 un	036
67010056	EZ	8431927044310	100 CJ1	032, 232
67010065	EZ	8431927044327	100 un	114, 116, 118, 253
67010066	EZ	8431927044334	100 un	253
67010068	EZ	8431927049124	100 un	253
67010072	EZ	8431927094636	100 un	124
67010093	EZ	8431927080516	100 un	064, 065, 066, 070, 096, 107, 252
67010099	EZ	8431927008602	100 un	252
67010100	EZ	8431927008619	100 un	252
67010140	EZ	8431927008626	100 un	226
67010141	EZ	8431927008633	100 un	226
67010143	EZ	8431927015952	20 un	050
67010144	EZ	8431927008664	20 un	052

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6701				
67010240	EZ	8431927101297	10 un	048
67010340	EZ	8431927101303	10 un	048
67010440	EZ	8431927101310	10 un	048
6702				
67020010	EZ	8431927008718	100 un	253
67020020	PG	8431927046208	100 un	054, 218, 228
67020039	RAL 3000	8431927008749	10 bol	018, 046, 047
67020048	EZ	8431927014672	100 un	228
67020054	EZ	8431927008855	100 un	253
67020055	EZ	8431927008862	100 un	032, 232
67020058	EZ	8431927008879	100 un	232
67020059	EZ	8431927008886	100 un	253
67020061	EZ	8431927008893	100 un	254
67020077	EZ	8431927008930	100 un	253
67020079	EZ	8431927008947	100 un	253
67020083	EZ	8431927008954	100 un	254
67020084	LN	8431927008961	100 un	254
67020086	LN	8431927008978	100 un	254
67020092	EZ	8431927008985	100 un	214, 253
67020095	EZ	8431927008992	100 un	114, 116, 118, 214, 253
67020110	PG	8431927045812	100 un	220
67020111	PG	8431927045829	100 un	220
67020112	PG	8431927045836	100 un	220
67020120	PG	8431927046215	100 un	054, 218, 228
67020139	RAL 9005	8431927104441	10 un	046
67020158	EZ	8431927045188	100 un	232
67020159	EZ	8431927045225	50 un	232
67020520	PG	8431927066176	100 un	054, 218
67020522	PG	8431927066183	100 un	054, 218
67020524	PG	8431927066190	100 un	054, 218
67020610	PG	8431927017024	3 m	038, 074, 107
67020611	PG	8431927017031	3 m	038, 074, 107, 120
67020612	PG	8431927017048	3 m	038, 074, 107, 120
6703				
67030010	LN	8431927044341	100 un	253
67030013	LN	8431927044358	100 un	254
67030014	LN	8431927044365	100 un	167, 253
67030016	GC	8431927092861	100 un	046
67030020	GC	8431927046291	100 un	054, 218, 228
67030030	LN	8431927044686	10 un	044
67030043	LN	8431927016003	20 un	050
67030045	LN	8431927046475	100 un	226
67030046	LN	8431927009050	20 un	052
67030047	LN	8431927009067	10 un	036
67030049	LN	8431927094407	50 un	052, 234
67030052	PG	8431927009074	100 m	230
67030053	PG	8431927009081	100 m	230
67030054	LN	8431927101198	100 un	032, 232
67030055	GC	8431927009098	100 m	230
67030056	LN	8431927044372	100 un	032, 232
67030057	GC	8431927009104	100 m	230
67030058	LN	8431927044389	100 un	232
67030059	LN	8431927044396	100 un	167, 253
67030060	PG	8431927009128	10 un	226
67030061	LN	8431927009135	100 un	226
67030062	LN	8431927044402	100 un	253
67030063	LN	8431927044419	100 un	254
67030064	GC	8431927009142	100 un	238
67030065	LN	8431927044426	100 un	253
67030066	LN	8431927044433	100 un	253
67030068	LN	8431927049131	100 un	253
67030071	LN	8431927094643	100 un	124
67030072	LN	8431927094650	100 un	124
67030074	PG	8431927009159	100 m	230
67030075	PG	8431927009166	100 m	230
67030077	LN	8431927044440	100 un	167, 253
67030092	LN	8431927092885	100 un	214, 253

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6703				
67030093	LN	8431927080523	100 un	041, 064, 065, 066, 070, 096, 107, 121, 138, 252
67030094	LN	8431927080530	100 un	114, 116, 118, 136, 161, 167, 253
67030099	LN	8431927009210	100 un	252
67030100	LN	8431927009227	100 un	096, 252
67030101	GC	8431927009234	100 un	239
67030102	GC	8431927045195	100 un	239
67030109	LN	8431927046284	100 un	252
67030110	LN	8431927045843	100 un	220
67030111	LN	8431927045850	100 un	220
67030112	LN	8431927045867	100 un	220
67030120	GC	8431927046222	100 un	054, 218, 228
67030143	LN	8431927016010	20 un	050
67030144	LN	8431927036940	20 un	052
67030157	GC	8431927045201	100 m	230
67030158	LN	8431927045218	100 un	232
67030164	GC	8431927045232	100 un	238
67030201	GC	8431927009258	100 un	235
67030202	GC	8431927009265	100 un	235
67030203	GC	8431927009272	100 un	236
67030204	GC	8431927009289	100 un	236
67030205	GC	8431927009296	100 un	234
67030206	GC	8431927009302	100 un	237
67030207	GC	8431927009319	100 un	237
67030208	GC	8431927045249	100 un	237
67030209	GC	8431927045256	100 un	235
67030210	GC	8431927045263	100 un	235
67030211	GC	8431927045270	100 un	236
67030212	GC	8431927045287	100 un	236
67030213	GC	8431927045294	100 un	237
67030214	GC	8431927045300	100 un	234
67030215	GC	8431927045317	100 un	238
67030216	GC	8431927045324	100 un	238
67030252	LN	8431927096197	25 un	058
67030520	GC	8431927066206	100 un	054, 218
67030522	GC	8431927066213	100 un	054, 218
67030524	GC	8431927066220	100 un	054, 218
67030539	PG	8431927009326	10 un	052, 218
67030540	PG	8431927009333	10 un	052, 218
67030541	GC	8431927009340	10 un	052, 218
67030542	GC	8431927009357	10 un	052, 218
67030610	GC	8431927017055	3 m	038, 074, 096
67030611	GC	8431927017062	3 m	038, 074, 096, 120
67030612	GC	8431927017079	3 m	038, 074, 096, 120
67030645	PG	8431927009401	100 un	224
67030646	PG	8431927009418	100 un	224
67030647	PG	8431927009425	100 un	224
67030662	GC	8431927009456	100 un	222
67030663	GC	8431927009463	100 un	222
6705				
67050055	304L	8431927009524	100 m	230
67050057	304L	8431927009531	100 m	230
67050520	304L	8431927078537	10 un	054, 218
67050522	304L	8431927078544	10 un	054, 218
67050524	304L	8431927078551	10 un	054, 218
67050610	304L	8431927095503	3 m	038, 074, 107, 120
67050611	304L	8431927095510	3 m	038, 074, 107, 120
67050612	304L	8431927095527	3 m	038, 074, 107, 120
6706				
67060010	316L	8431927044457	100 un	253
67060014	316L	8431927018809	100 un	253
67060043	316L	8431927016034	20 un	050
67060044	316L	8431927016089	100 un	226
67060045	316L	8431927016096	100 un	226
67060046	316L	8431927014849	20 un	052
67060050	316L	8431927046192	100 un	052

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6706				
67060053	316L	8431927018816	10 un	036
67060054	316L	8431927101204	100 un	032, 232
67060055	316L	8431927018823	100 m	230
67060056	316L	8431927044464	100 un	032, 232
67060057	316L	8431927018830	100 m	230
67060058	316L	8431927018847	100 un	032, 232
67060059	316L	8431927044471	100 un	253
67060062	316L	8431927018854	100 un	114, 116, 118, 161, 253
67060063	316L	8431927018861	100 un	254
67060064	316L	8431927018878	100 un	254
67060065	316L	8431927044488	100 un	114, 116, 118, 161, 253
67060066	316L	8431927044495	100 un	253
67060071	316L	8431927094667	100 un	124
67060072	316L	8431927094674	100 un	124
67060077	316L	8431927044501	100 un	253
67060086	316L	8431927044518	100 un	254
67060099	316L	8431927093790	100 un	107, 252
67060100	316L	8431927018885	100 un	096, 252
67060141	316L	8431927016119	100 un	226
67060143	316L	8431927016041	20 un	050
67060145	316L	8431927016102	100 un	226
67060520	316L	8431927066237	10 un	054, 218
67060522	316L	8431927066244	10 un	054, 218
67060524	316L	8431927066251	10 un	054, 218
67060541	316L	8431927018892	10 un	052, 218
67060542	316L	8431927018908	10 un	052, 218
67060560	316L	8431927094902	10 un	054, 218
67060562	316L	8431927094919	10 un	054, 218
67060564	316L	8431927094926	10 un	054, 218
67060610	316L	8431927017086	3 m	038, 074, 096
67060611	316L	8431927017093	3 m	038, 074, 096, 120
67060612	316L	8431927017109	3 m	038, 074, 096, 120
6708				
67080030	BK8	8431927087539	10 un	044
67080040	BK8	8431927088284	10 un	048
67080043	BK8	8431927087546	20 un	050
67080045	BK8	8431927093578	100 un	226
67080046	BK8	8431927087553	20 un	052
67080053	BK8	8431927088291	10 un	036
67080143	BK8	8431927087560	20 un	050
67080240	BK8	8431927101358	10 un	048
67080252	BK8	8431927096203	25 un	058
67080340	BK8	8431927101365	10 un	048
67080440	BK8	8431927101372	10 un	048
6800				
68000002	RAL 9005	8431927014689	100 un	046
68000010	RAL 3000	8431927015860	20 un	044
68000020	LN	8431927017017	50 un	042
68000032	LAT	8431927016126	20 un	038, 039
68000033	LAT	8431927051189	20 un	038, 039
68000034	LAT	8431927051196	20 un	038, 076, 124
68000035	LAT	8431927051202	20 un	038, 039, 076, 124
68000036	LAT	8431927066336	10 un	038, 039, 124
68000037	LAT	8431927066343	10 un	038, 124
68000040	LN	8431927017529	20 un	042
68000049	RAL 9005	8431927009647	100 un	042
68000052	GC	8431927009654	100 un	042
68000053	BK8	8431927091680	100 un	042
68000058	LN	8431927009661	100 un	042
68000060	RAL 3000	8431927009678	100 un	054, 216
68000066	LN	8431927078520	100 un	054, 217
68000074	RAL 9005	8431927045331	50 un	234
68000075	RAL 9005	8431927045348	100 un	234
68000110	RAL 9005	8431927104519	20 un	044
68000160	RAL 9005	8431927104571	100 un	054, 216
68000721	LN	8431927009692	100 un	228

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6800				
68000722	LN	8431927009708	100 un	228
68000731	LN	8431927009715	100 un	228
68000732	LN	8431927009722	100 un	228
6900				
69000400	RAL 9010	8431927012203	20 un	046
7002				
70020110	PG	8431927037046	100 un	078
70020115	PG	8431927037053	100 un	078
70020120	PG	8431927037060	100 un	078
70020130	PG	8431927037077	100 un	078
70020206	PG	8431927044914	100 un	078
70020210	PG	8431927037084	100 un	078
70020215	PG	8431927037091	100 un	078
70020220	PG	8431927037107	100 un	078
70020230	PG	8431927037114	100 un	078
70020240	PG	8431927037121	100 un	078
70020250	PG	8431927037138	100 un	078
70020260	PG	8431927037145	100 un	078
70020410	PG	8431927090485	100 un	078
70020420	PG	8431927045904	100 un	078
70020430	PG	8431927045911	100 un	078
70020440	PG	8431927045928	100 un	078
70020450	PG	8431927045935	100 un	078
70020460	PG	8431927045942	100 un	078
70021100	PG	8431927046109	100 un	088
70021200	PG	8431927046116	100 un	088
70021400	PG	8431927046130	100 un	088
70022110	PG	8431927037206	100 un	079
70022115	PG	8431927037213	100 un	079
70022120	PG	8431927037220	100 un	079
70022130	PG	8431927037237	100 un	079
70022210	PG	8431927037244	100 un	079
70022215	PG	8431927037251	100 un	079
70022220	PG	8431927037268	100 un	079
70022230	PG	8431927037275	100 un	079
70022240	PG	8431927037282	100 un	079
70022250	PG	8431927037299	100 un	079
70022260	PG	8431927037305	100 un	079
70022410	PG	8431927090492	100 un	079
70022420	PG	8431927051219	100 un	079
70022430	PG	8431927051226	100 un	079
70022440	PG	8431927051233	100 un	079
70022450	PG	8431927051240	100 un	079
70022460	PG	8431927051257	100 un	079
70023110	PG	8431927037367	100 un	080
70023115	PG	8431927037374	100 un	080
70023120	PG	8431927037381	100 un	080
70023130	PG	8431927037398	100 un	080
70023206	PG	8431927044976	100 un	080
70023210	PG	8431927037404	100 un	080
70023215	PG	8431927037411	100 un	080
70023220	PG	8431927037428	100 un	080
70023230	PG	8431927037435	100 un	080
70023240	PG	8431927037442	100 un	080
70023250	PG	8431927037459	100 un	080
70023260	PG	8431927037466	100 un	080
70023410	PG	8431927090508	100 un	080
70023420	PG	8431927045959	100 un	080
70023430	PG	8431927045966	100 un	080
70023440	PG	8431927045973	100 un	080
70023450	PG	8431927045980	100 un	080
70023460	PG	8431927045997	100 un	080
70024110	PG	8431927037527	100 un	082
70024115	PG	8431927037534	100 un	082
70024120	PG	8431927037541	100 un	082
70024130	PG	8431927037558	100 un	082
70024210	PG	8431927037565	100 un	082
70024215	PG	8431927037572	100 un	082

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7002				
70024220	PG	8431927037589	100 un	082
70024230	PG	8431927037596	100 un	082
70024240	PG	8431927037602	100 un	082
70024250	PG	8431927037619	100 un	082
70024260	PG	8431927037626	100 un	082
70024410	PG	8431927090515	100 un	082
70024420	PG	8431927051264	100 un	082
70024430	PG	8431927051271	100 un	082
70024440	PG	8431927051288	100 un	082
70024450	PG	8431927051295	100 un	082
70024460	PG	8431927051301	100 un	082
70025110	PG	8431927037688	100 un	083
70025115	PG	8431927037695	100 un	083
70025120	PG	8431927037701	100 un	083
70025130	PG	8431927037718	100 un	083
70025206	PG	8431927044983	100 un	083
70025210	PG	8431927037725	100 un	083
70025215	PG	8431927037732	100 un	083
70025220	PG	8431927037749	100 un	083
70025230	PG	8431927037756	100 un	083
70025240	PG	8431927037763	100 un	083
70025250	PG	8431927037770	100 un	083
70025260	PG	8431927037787	100 un	083
70025410	PG	8431927090522	100 un	083
70025420	PG	8431927051318	100 un	083
70025430	PG	8431927051325	100 un	083
70025440	PG	8431927051332	100 un	083
70025450	PG	8431927051349	100 un	083
70025460	PG	8431927051356	100 un	083
70026110	PG	8431927037848	100 un	084
70026115	PG	8431927037855	100 un	084
70026120	PG	8431927037862	100 un	084
70026130	PG	8431927037879	100 un	084
70026206	PG	8431927044990	100 un	084
70026210	PG	8431927037886	100 un	084
70026215	PG	8431927037893	100 un	084
70026220	PG	8431927037909	100 un	084
70026230	PG	8431927037916	100 un	084
70026240	PG	8431927037923	100 un	084
70026250	PG	8431927037930	100 un	084
70026260	PG	8431927037947	100 un	084
70026410	PG	8431927090539	100 un	084
70026420	PG	8431927051363	100 un	084
70026430	PG	8431927051370	100 un	084
70026440	PG	8431927051387	100 un	084
70026450	PG	8431927051394	100 un	084
70026460	PG	8431927051400	100 un	084
70027100	PG	8431927044259	100 un	076
70027150	PG	8431927044266	100 un	076
70028110	PG	8431927043832	100 un	086
70028115	PG	8431927043849	100 un	086
70028120	PG	8431927043856	100 un	086
70028130	PG	8431927043863	100 un	086
70028210	PG	8431927043870	100 un	086
70028215	PG	8431927043887	100 un	086
70028220	PG	8431927043894	100 un	086
70028230	PG	8431927043900	100 un	086
7003				
70030110	GC	8431927038005	100 un	078
70030115	GC	8431927038012	100 un	078
70030120	GC	8431927038029	100 un	078
70030130	GC	8431927038036	100 un	078
70030210	GC	8431927038043	100 un	078
70030215	GC	8431927038050	100 un	078
70030220	GC	8431927038067	100 un	078
70030230	GC	8431927038074	100 un	078
70030240	GC	8431927038081	100 un	078
70030250	GC	8431927038098	100 un	078
70030260	GC	8431927038104	100 un	078

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7003				
70030410	GC	8431927083128	100 un	078
70030420	GC	8431927046000	100 un	078
70030430	GC	8431927046017	100 un	078
70030440	GC	8431927046024	100 un	078
70030450	GC	8431927046031	100 un	078
70030460	GC	8431927046048	100 un	078
70031100	GC	8431927046147	100 un	088
70031200	GC	8431927046154	100 un	088
70031400	GC	8431927046178	100 un	088
70032110	GC	8431927038166	100 un	079
70032115	GC	8431927038173	100 un	079
70032120	GC	8431927038180	100 un	079
70032130	GC	8431927038197	100 un	079
70032210	GC	8431927038203	100 un	079
70032215	GC	8431927038210	100 un	079
70032220	GC	8431927038227	100 un	079
70032230	GC	8431927038234	100 un	079
70032240	GC	8431927038241	100 un	079
70032250	GC	8431927038258	100 un	079
70032260	GC	8431927038265	100 un	079
70032410	GC	8431927083135	100 un	079
70032420	GC	8431927051417	100 un	079
70032430	GC	8431927051424	100 un	079
70032440	GC	8431927051431	100 un	079
70032450	GC	8431927051448	100 un	079
70032460	GC	8431927051455	100 un	079
70033110	GC	8431927038326	100 un	080
70033115	GC	8431927038333	100 un	080
70033120	GC	8431927038340	100 un	080
70033130	GC	8431927038357	100 un	080
70033210	GC	8431927038364	100 un	080
70033215	GC	8431927038371	100 un	080
70033220	GC	8431927038388	100 un	080
70033230	GC	8431927038395	100 un	080
70033240	GC	8431927038401	100 un	080
70033250	GC	8431927038418	100 un	080
70033260	GC	8431927038425	100 un	080
70033410	GC	8431927090546	100 un	080
70033420	GC	8431927046055	100 un	080
70033430	GC	8431927046062	100 un	080
70033440	GC	8431927046079	100 un	080
70033450	GC	8431927046086	100 un	080
70033460	GC	8431927046093	100 un	080
70034110	GC	8431927038487	100 un	082
70034115	GC	8431927038494	100 un	082
70034120	GC	8431927038500	100 un	082
70034130	GC	8431927038517	100 un	082
70034210	GC	8431927038524	100 un	082
70034215	GC	8431927038531	100 un	082
70034220	GC	8431927038548	100 un	082
70034230	GC	8431927038555	100 un	082
70034240	GC	8431927038562	100 un	082
70034250	GC	8431927038579	100 un	082
70034260	GC	8431927038586	100 un	082
70034410	GC	8431927085290	100 un	082
70034420	GC	8431927051462	100 un	082
70034430	GC	8431927051479	100 un	082
70034440	GC	8431927051486	100 un	082
70034450	GC	8431927051493	100 un	082
70034460	GC	8431927051509	100 un	082
70035110	GC	8431927038647	100 un	083
70035115	GC	8431927038654	100 un	083
70035120	GC	8431927038661	100 un	083
70035130	GC	8431927038678	100 un	083
70035210	GC	8431927038685	100 un	083
70035215	GC	8431927038692	100 un	083
70035220	GC	8431927038708	100 un	083
70035230	GC	8431927038715	100 un	083
70035240	GC	8431927038722	100 un	083
70035250	GC	8431927038739	100 un	083

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7003				
70035260	GC	8431927038746	100 un	083
70035410	GC	8431927083142	100 un	083
70035420	GC	8431927051516	100 un	083
70035430	GC	8431927051523	100 un	083
70035440	GC	8431927051530	100 un	083
70035450	GC	8431927051547	100 un	083
70035460	GC	8431927051554	100 un	083
70036110	GC	8431927038807	100 un	084
70036115	GC	8431927038814	100 un	084
70036120	GC	8431927038821	100 un	084
70036130	GC	8431927038838	100 un	084
70036210	GC	8431927038845	100 un	084
70036215	GC	8431927038852	100 un	084
70036220	GC	8431927038869	100 un	084
70036230	GC	8431927038876	100 un	084
70036240	GC	8431927038883	100 un	084
70036250	GC	8431927038890	100 un	084
70036260	GC	8431927038906	100 un	084
70036410	GC	8431927083159	100 un	084
70036420	GC	8431927051561	100 un	084
70036430	GC	8431927051578	100 un	084
70036440	GC	8431927051585	100 un	084
70036450	GC	8431927051592	100 un	084
70036460	GC	8431927051608	100 un	084
70037100	GC	8431927044273	100 un	076
70037150	GC	8431927044280	100 un	076
70038110	GC	8431927043917	100 un	086
70038115	GC	8431927043924	100 un	086
70038120	GC	8431927043931	100 un	086
70038130	GC	8431927043948	100 un	086
70038210	GC	8431927043955	100 un	086
70038215	GC	8431927043962	100 un	086
70038220	GC	8431927043979	100 un	086
70038230	GC	8431927043986	100 un	086
70039110	GC	8431927044174	100 un	088
70039115	GC	8431927044181	100 un	088
70039120	GC	8431927044198	100 un	088
70039130	GC	8431927044204	100 un	088
70039210	GC	8431927044211	100 un	088, 138
70039215	GC	8431927044228	100 un	088, 138
70039220	GC	8431927044235	100 un	088, 138
70039230	GC	8431927044242	100 un	088, 138
70039240	GC	8431927049476	100 un	088, 138
70039245	GC	8431927050700	100 un	138
70039250	GC	8431927049483	100 un	088, 138
70039260	GC	8431927049490	100 un	088, 138
70039410	GC	8431927049568	100 un	088, 138
70039415	GC	8431927050717	100 un	138
70039420	GC	8431927049575	100 un	088, 138
70039430	GC	8431927049582	100 un	088, 138
70039440	GC	8431927049599	100 un	088, 138
70039445	GC	8431927050724	100 un	138
70039450	GC	8431927049605	100 un	088, 138
70039460	GC	8431927049612	100 un	088, 138
70039510	GC	8431927054845	100 un	138
70039515	GC	8431927054852	100 un	138
70039520	GC	8431927054869	100 un	138
70039530	GC	8431927054876	100 un	138
70039540	GC	8431927054883	100 un	138
70039545	GC	8431927054890	100 un	138
70039550	GC	8431927054906	100 un	138
70039560	GC	8431927054913	100 un	138
7005				
70050210	304L	8431927093455	100 un	078
70050215	304L	8431927093462	100 un	078
70050220	304L	8431927093479	100 un	078
70050230	304L	8431927093486	100 un	078
70050240	304L	8431927093493	100 un	078
70050250	304L	8431927093509	100 un	078

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7005				
70050260	304L	8431927093516	100 un	078
70051200	304L	8431927093523	100 un	088
70052210	304L	8431927093530	100 un	079
70052215	304L	8431927093547	100 un	079
70052220	304L	8431927093554	100 un	079
70052230	304L	8431927093561	100 un	079
70052240	304L	8431927088468	100 un	079
70052250	304L	8431927088475	100 un	079
70052260	304L	8431927088482	100 un	079
70053210	304L	8431927088499	100 un	080
70053215	304L	8431927088505	100 un	080
70053220	304L	8431927088512	100 un	080
70053230	304L	8431927088529	100 un	080
70053240	304L	8431927088536	100 un	080
70053250	304L	8431927088543	100 un	080
70053260	304L	8431927088550	100 un	080
70054210	304L	8431927088567	100 un	082
70054215	304L	8431927088574	100 un	082
70054220	304L	8431927088581	100 un	082
70054230	304L	8431927088598	100 un	082
70054240	304L	8431927088604	100 un	082
70054250	304L	8431927088611	100 un	082
70054260	304L	8431927088628	100 un	082
70055210	304L	8431927088635	100 un	083
70055215	304L	8431927088642	100 un	083
70055220	304L	8431927088659	100 un	083
70055230	304L	8431927088666	100 un	083
70055240	304L	8431927088673	100 un	083
70055250	304L	8431927088680	100 un	083
70055260	304L	8431927088697	100 un	083
70056210	304L	8431927088703	100 un	084
70056215	304L	8431927088710	100 un	084
70056220	304L	8431927088727	100 un	084
70056230	304L	8431927088734	100 un	084
70056240	304L	8431927088741	100 un	084
70056250	304L	8431927088758	100 un	084
70056260	304L	8431927088765	100 un	084
70058210	304L	8431927088772	100 un	086
70058215	304L	8431927088789	100 un	086
70058220	304L	8431927088796	100 un	086
70058230	304L	8431927088802	100 un	086
7006				
70060210	316L	8431927088888	100 un	078
70060215	316L	8431927088895	100 un	078
70060220	316L	8431927088901	100 un	078
70060230	316L	8431927088918	100 un	078
70060240	316L	8431927088925	100 un	078
70060250	316L	8431927088932	100 un	078
70060260	316L	8431927088949	100 un	078
70061200	316L	8431927088956	100 un	088
70062210	316L	8431927088963	100 un	079
70062215	316L	8431927088970	100 un	079
70062220	316L	8431927088987	100 un	079
70062230	316L	8431927088994	100 un	079
70062240	316L	8431927089007	100 un	079
70062250	316L	8431927089014	100 un	079
70062260	316L	8431927089021	100 un	079
70063210	316L	8431927089038	100 un	080
70063215	316L	8431927089045	100 un	080
70063220	316L	8431927089052	100 un	080
70063230	316L	8431927089069	100 un	080
70063240	316L	8431927089076	100 un	080
70063250	316L	8431927089083	100 un	080
70063260	316L	8431927089090	100 un	080
70064210	316L	8431927089106	100 un	082
70064215	316L	8431927089113	100 un	082
70064220	316L	8431927089120	100 un	082
70064230	316L	8431927089137	100 un	082
70064240	316L	8431927089144	100 un	082

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7006				
70064250	316L	8431927089151	100 un	082
70064260	316L	8431927089168	100 un	082
70065210	316L	8431927089175	100 un	083
70065215	316L	8431927089182	100 un	083
70065220	316L	8431927089199	100 un	083
70065230	316L	8431927089205	100 un	083
70065240	316L	8431927089212	100 un	083
70065250	316L	8431927089229	100 un	083
70065260	316L	8431927089236	100 un	083
70066210	316L	8431927089243	100 un	084
70066215	316L	8431927089250	100 un	084
70066220	316L	8431927089267	100 un	084
70066230	316L	8431927089274	100 un	084
70066240	316L	8431927089281	100 un	084
70066250	316L	8431927089298	100 un	084
70066260	316L	8431927089304	100 un	084
70068210	316L	8431927089311	100 un	086
70068215	316L	8431927089328	100 un	086
70068220	316L	8431927089335	100 un	086
70068230	316L	8431927089342	100 un	086
7012				
70120200	PG	8431927045881	100 un	040, 076
70122210	PG	8431927087751	10 un	074
70122215	PG	8431927087768	10 un	074
70122220	PG	8431927087775	10 un	074
70122230	PG	8431927087782	10 un	074
70122240	PG	8431927087799	10 un	074
7013				
70130200	GC	8431927045898	100 un	040, 076
70132210	LN	8431927087805	10 un	074
70132215	LN	8431927087812	10 un	074
70132220	LN	8431927087829	10 un	074
70132230	LN	8431927087836	10 un	074
70132240	LN	8431927087843	10 un	074
7020				
70203010	GC	8431927085825	1 un	098
70203015	GC	8431927085832	1 un	098
70203020	GC	8431927085849	1 un	098
70203030	GC	8431927085856	1 un	098
70203110	GC	8431927079015	1 un	098
70203115	GC	8431927079022	1 un	098
70203120	GC	8431927079039	1 un	098
70203130	GC	8431927079046	1 un	098
70203140	GC	8431927079053	1 un	098
70203150	GC	8431927079060	1 un	098
70203160	GC	8431927079077	1 un	098
70203210	GC	8431927079091	1 un	098
70203215	GC	8431927079107	1 un	098
70203220	GC	8431927079114	1 un	098
70203230	GC	8431927079121	1 un	098
70203240	GC	8431927079138	1 un	098
70203250	GC	8431927079145	1 un	098
70203260	GC	8431927079152	1 un	098
70203310	GC	8431927079169	1 un	098
70203315	GC	8431927079176	1 un	098
70203320	GC	8431927079183	1 un	098
70203330	GC	8431927079190	1 un	098
70203340	GC	8431927079206	1 un	098
70203350	GC	8431927079213	1 un	098
70203360	GC	8431927079220	1 un	098
7021				
70213010	GC	8431927085948	1 un	099
70213015	GC	8431927085955	1 un	099
70213020	GC	8431927085962	1 un	099
70213030	GC	8431927085979	1 un	099
70213110	GC	8431927079237	1 un	099
70213115	GC	8431927079244	1 un	099

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7021				
70213120	GC	8431927079251	1 un	099
70213130	GC	8431927079268	1 un	099
70213140	GC	8431927079275	1 un	099
70213150	GC	8431927079282	1 un	099
70213160	GC	8431927079299	1 un	099
70213210	GC	8431927079312	1 un	099
70213215	GC	8431927079329	1 un	099
70213220	GC	8431927079336	1 un	099
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70213240	GC	8431927079350	1 un	099
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70223015	GC	8431927086075	1 un	099
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70223350	GC	8431927079657	1 un	099
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70233015	GC	8431927086198	1 un	100
70233020	GC	8431927086204	1 un	100
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70233115	GC	8431927079688	1 un	100
70233120	GC	8431927079695	1 un	100
70233130	GC	8431927079701	1 un	100
70233140	GC	8431927079718	1 un	100
70233150	GC	8431927079725	1 un	100
70233160	GC	8431927079732	1 un	100
70233210	GC	8431927079756	1 un	100
70233215	GC	8431927079763	1 un	100
70233220	GC	8431927079770	1 un	100
70233230	GC	8431927079787	1 un	100
70233240	GC	8431927079794	1 un	100
70233250	GC	8431927079800	1 un	100
70233260	GC	8431927079817	1 un	100
70233310	GC	8431927079824	1 un	100
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70233330	GC	8431927079855	1 un	100

Ref.	M	Cod EAN	u	
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70233350	GC	8431927079879	1 un	100
70233360	GC	8431927079886	1 un	100
7024				
70243010	GC	8431927086303	1 un	101
70243015	GC	8431927086310	1 un	101
70243020	GC	8431927086327	1 un	101
70243030	GC	8431927086334	1 un	101
70243110	GC	8431927079893	1 un	101
70243115	GC	8431927079909	1 un	101
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70243130	GC	8431927079923	1 un	101
70243140	GC	8431927079930	1 un	101
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70243160	GC	8431927079954	1 un	101
70243210	GC	8431927079978	1 un	101
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70243260	GC	8431927080035	1 un	101
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70243320	GC	8431927080066	1 un	101
70243330	GC	8431927080073	1 un	101
70243340	GC	8431927080080	1 un	101
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70243360	GC	8431927080103	1 un	101
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70253015	GC	8431927086679	1 un	102
70253020	GC	8431927086686	1 un	102
70253030	GC	8431927086693	1 un	102
70253110	GC	8431927080110	1 un	102
70253115	GC	8431927080127	1 un	102
70253120	GC	8431927080134	1 un	102
70253130	GC	8431927080141	1 un	102
70253140	GC	8431927080158	1 un	102
70253150	GC	8431927080165	1 un	102
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70253210	GC	8431927080196	1 un	102
70253215	GC	8431927080202	1 un	102
70253220	GC	8431927080219	1 un	102
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70253240	GC	8431927080233	1 un	102
70253250	GC	8431927080240	1 un	102
70253260	GC	8431927080257	1 un	102
70253310	GC	8431927080264	1 un	102
70253315	GC	8431927080271	1 un	102
70253320	GC	8431927080288	1 un	102
70253330	GC	8431927080295	1 un	102
70253340	GC	8431927080301	1 un	102
70253350	GC	8431927080318	1 un	102
70253360	GC	8431927080325	1 un	102
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70263130	GC	8431927080332	1 un	100
70263140	GC	8431927080349	1 un	100
70263150	GC	8431927080356	1 un	100
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70263230	GC	8431927080370	1 un	100
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70263250	GC	8431927080394	1 un	100
70263260	GC	8431927080400	1 un	100
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70263350	GC	8431927080431	1 un	100

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70293001	GC	8431927080455	10 bol	096
70293002	GC	8431927085818	10 bol	096
70293003	GC	8431927080462	10 bol	096
70293010	GC	8431927085795	10 bol	096
70293011	GC	8431927080479	10 bol	096
70293013	GC	8431927082923	10 bol	096
70293014	GC	8431927082930	10 bol	096
7030				
70303010	GC	8431927082947	1 un	098
70303015	GC	8431927090690	1 un	098
70303020	GC	8431927082954	1 un	098
70303030	GC	8431927101150	1 un	098
70303040	GC	8431927082961	1 un	098
7034				
70343010	GC	8431927082978	1 un	101
70343020	GC	8431927082985	1 un	101
70343030	GC	8431927101174	1 un	101
70343040	GC	8431927082992	1 un	101
7035				
70353010	GC	8431927083005	1 un	102
70353015	GC	8431927090706	1 un	102
70353020	GC	8431927083012	1 un	102
70353030	GC	8431927101181	1 un	102
70353040	GC	8431927083029	1 un	102
7039				
70393005	GC	8431927087621	1 un	097
70393010	GC	8431927083036	1 un	097
70393015	GC	8431927086426	1 un	097
70393020	GC	8431927083043	1 un	097
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70393050	GC	8431927083067	1 un	097
70393060	GC	8431927086440	1 un	097
70393105	GC	8431927087638	1 un	097
70393110	GC	8431927086457	1 un	097
70393115	GC	8431927086464	1 un	097
70393120	GC	8431927086471	1 un	097
70393130	GC	8431927086488	1 un	097
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70393150	GC	8431927086501	1 un	097
70393160	GC	8431927086518	1 un	097
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70393240	GC	8431927086563	1 un	097
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70393310	GC	8431927086594	1 un	097
70393315	GC	8431927086600	1 un	097
70393320	GC	8431927086617	1 un	097
70393330	GC	8431927086624	1 un	097
70393340	GC	8431927086631	1 un	097
70393350	GC	8431927086648	1 un	097
70393360	GC	8431927086655	1 un	097
7042				
70420911	PG	8431927009739	10 un	074, 107, 122
7043				
70430911	LN	8431927009746	10 un	074, 107, 122
7100				
71000000	LN	8431927009753	25 m	074, 075, 107

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7100				
71000001	LN	8431927068262	100 m	072
7102				
71020300	PG	8431927009760	100 un	070
71020400	PG	8431927009777	100 un	070
71020500	PG	8431927009784	100 un	070
71020600	PG	8431927009791	100 un	070
71021005	PG	8431927009814	50 un	070
71021006	PG	8431927009821	4 un	072
71021010	PG	8431927044013	100 un	086, 088
71021015	PG	8431927044020	100 un	086, 088
71021020	PG	8431927044037	100 un	086, 088
71021030	PG	8431927044044	100 un	086, 088
71022006	PG	8431927010063	4 un	072
71022010	PG	8431927044051	100 un	086, 088, 137, 138
71022015	PG	8431927044068	100 un	086, 088, 137, 138
71022020	PG	8431927044075	100 un	086, 088, 137, 138
71022030	PG	8431927044082	100 un	086, 088, 137, 138
71022040	PG	8431927049629	100 un	086, 088, 137, 138
71022050	PG	8431927049636	100 un	086, 088, 137, 138
71022060	PG	8431927049643	100 un	086, 088, 137, 138
71024010	PG	8431927090553	100 un	086, 088, 137, 138
71024020	PG	8431927049704	100 un	086, 088, 137, 138
71024030	PG	8431927049711	100 un	086, 088, 137, 138
71024040	PG	8431927049728	100 un	086, 088, 137, 138
71024050	PG	8431927049735	100 un	086, 088, 137, 138
71024060	PG	8431927049742	100 un	086, 088, 137, 138
71025010	PG	8431927055019	100 un	137, 138
71025015	PG	8431927055026	100 un	137, 138
71025020	PG	8431927055033	100 un	137, 138
71025030	PG	8431927055040	100 un	138
71025040	PG	8431927055057	100 un	138
71025045	PG	8431927055064	100 un	137, 138
71025050	PG	8431927055071	100 un	137, 138
71025060	PG	8431927055088	100 un	138
7103				
71030300	GC	8431927010414	100 un	070
71030400	GC	8431927010421	100 un	070
71030500	GC	8431927010438	100 un	070
71030600	GC	8431927010445	100 un	070
71031005	LN	8431927010469	50 un	070
71031006	LN	8431927010476	4 un	072
71031010	GC	8431927044099	100 un	086
71031015	GC	8431927044105	100 un	086
71031020	GC	8431927044112	100 un	086
71031030	GC	8431927044129	100 un	086
71032006	LN	8431927010711	4 un	072
71032010	GC	8431927044136	100 un	086, 137, 138
71032015	GC	8431927044143	100 un	086, 137, 138
71032020	GC	8431927044150	100 un	086, 137, 138
71032030	GC	8431927044167	100 un	086, 137, 138
71032040	GC	8431927049759	100 un	086, 137, 138
71032045	GC	8431927050731	100 un	137, 138
71032050	GC	8431927049766	100 un	086, 137, 138
71032060	GC	8431927049773	100 un	086, 137, 138
71034010	GC	8431927049841	100 un	086, 137, 138
71034015	GC	8431927050748	100 un	137, 138
71034020	GC	8431927049858	100 un	086, 137, 138
71034030	GC	8431927049865	100 un	086, 137, 138
71034040	GC	8431927049872	100 un	086, 137, 138
71034045	GC	8431927050755	100 un	137, 138
71034050	GC	8431927049889	100 un	086, 137, 138
71034060	GC	8431927049896	100 un	086, 137, 138
71035010	GC	8431927054920	100 un	137, 138
71035015	GC	8431927054937	100 un	137, 138
71035020	GC	8431927054944	100 un	137, 138
71035030	GC	8431927054951	100 un	138
71035040	GC	8431927054968	100 un	138
71035045	GC	8431927054975	100 un	137, 138

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7103				
71035050	GC	8431927054982	100 un	137, 138
7105				
71050300	304L	8431927089427	100 un	070
71050400	304L	8431927089434	100 un	070
71050500	304L	8431927089441	100 un	070
71050600	304L	8431927089458	100 un	070
71052010	304L	8431927089465	100 un	086, 088, 137, 138
71052015	304L	8431927089472	100 un	086, 088, 137, 138
71052020	304L	8431927089489	100 un	086, 088, 137, 138
71052030	304L	8431927089496	100 un	086, 088, 137, 138
71052040	304L	8431927089502	100 un	086, 088, 137, 138
71052050	304L	8431927089519	100 un	086, 088, 137, 138
71052060	304L	8431927089526	100 un	086, 088, 137, 138
7106				
71060300	316L	8431927089533	10 bto	070
71060400	316L	8431927089540	10 bto	070
71060500	316L	8431927089557	10 bto	070
71060600	316L	8431927089564	10 bto	070
71062010	316L	8431927089571	100 un	086, 088, 137, 138
71062015	316L	8431927089588	100 un	086, 088, 137, 138
71062020	316L	8431927089595	100 un	086, 088, 137, 138
71062030	316L	8431927089601	100 un	086, 088, 137, 138
71062040	316L	8431927089618	100 un	086, 088, 137, 138
71062050	316L	8431927089625	100 un	086, 088, 137, 138
71062060	316L	8431927089632	100 un	086, 088, 137, 138
7302				
73020060	PG	8431927044921	100 un	078
73020100	PG	8431927038968	100 un	078
73020150	PG	8431927038975	100 un	078
73020200	PG	8431927038982	100 un	078
73020300	PG	8431927038999	100 un	078
73020400	PG	8431927039002	100 un	078
73020500	PG	8431927039019	100 un	078
73020600	PG	8431927039026	100 un	078
73021060	PG	8431927016133	3 m	040, 072
73021100	PG	8431927016140	3 m	040, 072, 120
73021150	PG	8431927016157	3 m	040, 072, 120
73021200	PG	8431927016164	3 m	040, 072, 120
73021300	PG	8431927016171	3 m	040, 072, 120
73021400	PG	8431927016188	3 m	040, 072, 120
73021450	GC	8431927101549	3 bto	072, 120
73021500	PG	8431927016195	3 m	040, 072, 120
73021600	PG	8431927016201	3 m	040, 072, 120
73021750	GC	8431927101556	2 bto	120
73021900	GC	8431927101563	2 bto	120
73022100	PG	8431927039033	100 un	079
73022150	PG	8431927039040	100 un	079
73022200	PG	8431927039057	100 un	079
73022300	PG	8431927039064	100 un	079
73022400	PG	8431927039071	100 un	079
73022500	PG	8431927039088	100 un	079
73022600	PG	8431927039095	100 un	079
73023060	PG	8431927045003	100 un	080
73023100	PG	8431927039101	100 un	080
73023150	PG	8431927039118	100 un	080
73023200	PG	8431927039125	100 un	080
73023300	PG	8431927039132	100 un	080
73023400	PG	8431927039149	100 un	080
73023500	PG	8431927039156	100 un	080
73023600	PG	8431927039163	100 un	080
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73024150	PG	8431927039187	100 un	082
73024200	PG	8431927039194	100 un	082
73024300	PG	8431927039200	100 un	082
73024400	PG	8431927039217	100 un	082
73024500	PG	8431927039224	100 un	082
73024600	PG	8431927039231	100 un	082
73025060	PG	8431927045010	100 un	083

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7302				
73025100	PG	8431927039248	100 un	083
73025150	PG	8431927039255	100 un	083
73025200	PG	8431927039262	100 un	083
73025300	PG	8431927039279	100 un	083
73025400	PG	8431927039286	100 un	083
73025500	PG	8431927039293	100 un	083
73025600	PG	8431927039309	100 un	083
73026060	PG	8431927045027	100 un	084
73026100	PG	8431927039316	100 un	084
73026150	PG	8431927039323	100 un	084
73026200	PG	8431927039330	100 un	084
73026300	PG	8431927039347	100 un	084
73026400	PG	8431927039354	100 un	084
73026500	PG	8431927039361	100 un	084
73026600	PG	8431927039378	100 un	084
7303				
73030100	GC	8431927039385	100 un	078
73030150	GC	8431927039392	100 un	078
73030200	GC	8431927039408	100 un	078
73030300	GC	8431927039415	100 un	078
73030400	GC	8431927039422	100 un	078
73030500	GC	8431927039439	100 un	078
73030600	GC	8431927039446	100 un	078
73031060	GC	8431927016218	3 m	040, 072
73031100	GC	8431927016225	3 m	040, 072, 120
73031150	GC	8431927016232	3 m	040, 072, 120
73031200	GC	8431927016249	3 m	040, 072, 120
73031300	GC	8431927016256	3 m	040, 072, 120
73031400	GC	8431927016263	3 m	040, 072, 120
73031450	GC	8431927050762	3 m	040, 120
73031500	GC	8431927016270	3 m	040, 072, 120
73031600	GC	8431927016287	3 m	040, 072, 120
73031700	GC	8431927049902	3 bto	120
73031750	GC	8431927050779	2 m	120
73031900	GC	8431927049179	2 m	120
73032100	GC	8431927039453	100 un	079
73032150	GC	8431927039460	100 un	079
73032200	GC	8431927039477	100 un	079
73032300	GC	8431927039484	100 un	079
73032400	GC	8431927039491	100 un	079
73032500	GC	8431927039507	100 un	079
73032600	GC	8431927039514	100 un	079
73033100	GC	8431927039521	100 un	080
73033150	GC	8431927039538	100 un	080
73033200	GC	8431927039545	100 un	080
73033300	GC	8431927039552	100 un	080
73033400	GC	8431927039569	100 un	080
73033500	GC	8431927039576	100 un	080
73033600	GC	8431927039583	100 un	080
73034100	GC	8431927039590	100 un	082
73034150	GC	8431927039606	100 un	082
73034200	GC	8431927039613	100 un	082
73034300	GC	8431927039620	100 un	082
73034400	GC	8431927039637	100 un	082
73034500	GC	8431927039644	100 un	082
73034600	GC	8431927039651	100 un	082
73035100	GC	8431927039668	100 un	083
73035150	GC	8431927039675	100 un	083
73035200	GC	8431927039682	100 un	083
73035300	GC	8431927039699	100 un	083
73035400	GC	8431927039705	100 un	083
73035500	GC	8431927039712	100 un	083
73035600	GC	8431927039729	100 un	083
73036100	GC	8431927039736	100 un	084
73036150	GC	8431927039743	100 un	084
73036200	GC	8431927039750	100 un	084
73036300	GC	8431927039767	100 un	084
73036400	GC	8431927039774	100 un	084
73036500	GC	8431927039781	100 un	084

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7303				
73036600	GC	8431927039798	100 un	084
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73050100	304L	8431927089649	100 un	078
73050150	304L	8431927089656	100 un	078
73050200	304L	8431927089663	100 un	078
73050300	304L	8431927089670	100 un	078
73050400	304L	8431927089687	100 un	078
73050500	304L	8431927089694	100 un	078
73050600	304L	8431927089700	100 un	078
73051060	304L	8431927078421	3 m	040, 072
73051100	304L	8431927078438	3 m	040, 072, 120
73051150	304L	8431927078445	3 m	040, 072, 120
73051200	304L	8431927078452	3 m	040, 072, 120
73051300	304L	8431927078469	3 m	040, 072, 120
73051400	304L	8431927078476	3 m	040, 072, 120
73051500	304L	8431927078483	3 m	040, 072, 120
73051600	304L	8431927078490	3 m	040, 072, 120
73052100	304L	8431927089717	100 un	079
73052150	304L	8431927089724	100 un	079
73052200	304L	8431927089731	100 un	079
73052300	304L	8431927089748	100 un	079
73052400	304L	8431927089755	100 un	079
73052500	304L	8431927089762	100 un	079
73052600	304L	8431927089779	100 un	079
73053100	304L	8431927089786	100 un	080
73053150	304L	8431927089793	100 un	080
73053200	304L	8431927089809	100 un	080
73053300	304L	8431927089816	100 un	080
73053400	304L	8431927089823	100 un	080
73053500	304L	8431927089830	100 un	080
73053600	304L	8431927089847	100 un	080
73054100	304L	8431927089854	100 un	082
73054150	304L	8431927089861	100 un	082
73054200	304L	8431927089878	100 un	082
73054300	304L	8431927089885	100 un	082
73054400	304L	8431927089892	100 un	082
73054500	304L	8431927089908	100 un	082
73054600	304L	8431927089915	100 un	082
73055100	304L	8431927089922	100 un	083
73055150	304L	8431927089939	100 un	083
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73055300	304L	8431927089953	100 un	083
73055400	304L	8431927089960	100 un	083
73055500	304L	8431927089977	100 un	083
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73056100	304L	8431927089991	100 un	084
73056150	304L	8431927090003	100 un	084
73056200	304L	8431927090010	100 un	084
73056300	304L	8431927090027	100 un	084
73056400	304L	8431927090034	100 un	084
73056500	304L	8431927090041	100 un	084
73056600	304L	8431927090058	100 un	084
7306				
73060100	316L	8431927090065	100 un	078
73060150	316L	8431927090072	100 un	078
73060200	316L	8431927090089	100 un	078
73060300	316L	8431927090096	100 un	078
73060400	316L	8431927090102	100 un	078
73060500	316L	8431927090119	100 un	078
73060600	316L	8431927090126	100 un	078
73061060	316L	8431927016294	3 m	040, 072
73061100	316L	8431927016300	3 m	040, 072, 120
73061150	316L	8431927016317	3 m	040, 072, 120
73061200	316L	8431927016324	3 m	040, 072, 120
73061300	316L	8431927016331	3 m	040, 072, 120
73061400	316L	8431927016348	3 m	040, 072, 120
73061500	316L	8431927016355	3 m	040, 072, 120
73061600	316L	8431927016362	3 m	040, 072, 120

Ref.	M	Cod EAN	u	
7306				
73062100	316L	8431927090133	100 un	079
73062150	316L	8431927090140	100 un	079
73062200	316L	8431927090157	100 un	079
73062300	316L	8431927090164	100 un	079
73062400	316L	8431927090171	100 un	079
73062500	316L	8431927090188	100 un	079
73062600	316L	8431927090195	100 un	079
73063100	316L	8431927090201	100 un	080
73063150	316L	8431927090218	100 un	080
73063200	316L	8431927090225	100 un	080
73063300	316L	8431927090232	100 un	080
73063400	316L	8431927090249	100 un	080
73063500	316L	8431927090256	100 un	080
73063600	316L	8431927090263	100 un	080
73064100	316L	8431927090270	100 un	082
73064150	316L	8431927090287	100 un	082
73064200	316L	8431927090294	100 un	082
73064300	316L	8431927090300	100 un	082
73064400	316L	8431927090317	100 un	082
73064500	316L	8431927090324	100 un	082
73064600	316L	8431927090331	100 un	082
73065100	316L	8431927090348	100 un	083
73065150	316L	8431927090355	100 un	083
73065200	316L	8431927090362	100 un	083
73065300	316L	8431927090379	100 un	083
73065400	316L	8431927090386	100 un	083
73065500	316L	8431927090393	100 un	083
73065600	316L	8431927090409	100 un	083
73066100	316L	8431927090416	100 un	084
73066150	316L	8431927090423	100 un	084
73066200	316L	8431927090430	100 un	084
73066300	316L	8431927090447	100 un	084
73066400	316L	8431927090454	100 un	084
73066500	316L	8431927090461	100 un	084
73066600	316L	8431927090478	100 un	084
7512				
75121100	PG	8431927047465	3 m	065
75121150	PG	8431927047472	3 m	065
75121200	PG	8431927047489	3 m	065
75121300	PG	8431927047496	3 m	065
75122060	PG	8431927011862	3 m	065
75122100	PG	8431927047519	3 m	065
75122150	PG	8431927047526	3 m	065
75122200	PG	8431927047533	3 m	065
75122300	PG	8431927047540	3 m	065
75122400	PG	8431927047557	3 m	065
75122500	PG	8431927047564	3 m	065
75122600	PG	8431927047571	3 m	065
7513				
75131100	GC	8431927047588	3 m	065
75131150	GC	8431927047595	3 m	065
75131200	GC	8431927047601	3 m	065
75131300	GC	8431927047618	3 m	065
75132060	GC	8431927047632	3 m	065
75132100	GC	8431927047649	3 m	065
75132150	GC	8431927047656	3 m	065
75132200	GC	8431927047663	3 m	065
75132300	GC	8431927047670	3 m	065
75132400	GC	8431927047687	3 m	065
75132500	GC	8431927047694	3 m	065
75132600	GC	8431927047700	3 m	065
7522				
75224100	PG	8431927086938	3 m	064
75224200	PG	8431927036995	3 m	064
75224300	PG	8431927043696	3 m	064
75224400	PG	8431927037008	3 m	064
75224500	PG	8431927043702	3 m	064
75224600	PG	8431927045034	3 m	064

Ref.	M	Cod EAN	u	
7523				
75234100	GC	8431927086945	3 m	064
75234200	GC	8431927043719	3 m	064
75234300	GC	8431927043726	3 m	064
75234400	GC	8431927043733	3 m	064
75234500	GC	8431927043740	3 m	064
75234600	GC	8431927045041	3 m	064
7542				
75424100	PG	8431927086952	3 m	065
75424200	PG	8431927043757	3 m	065
75424300	PG	8431927043764	3 m	065
75424400	PG	8431927043771	3 m	065
75424500	PG	8431927043788	3 m	065
75424600	PG	8431927045058	3 m	065
7543				
75434100	GC	8431927086969	3 m	065
75434200	GC	8431927043795	3 m	065
75434300	GC	8431927043801	3 m	065
75434400	GC	8431927043818	3 m	065
75434500	GC	8431927043825	3 m	065
75434600	GC	8431927045065	3 m	065
7582				
75821100	PG	8431927040541	3 m	064
75821150	PG	8431927040558	3 m	064
75821200	PG	8431927040565	3 m	064
75821300	PG	8431927040572	3 m	064
75821400	PG	8431927040589	3 m	064
75822060	PG	8431927093868	3 m	064
75822100	PG	8431927040619	3 m	064
75822150	PG	8431927040626	3 m	064
75822200	PG	8431927040633	3 m	064
75822300	PG	8431927040640	3 m	064
75822400	PG	8431927040657	3 m	064
75822500	PG	8431927040664	3 m	064
75822600	PG	8431927040671	3 m	064
7583				
75831100	GC	8431927047342	3 m	064
75831150	GC	8431927047359	3 m	064
75831200	GC	8431927047366	3 m	064
75831300	GC	8431927047373	3 m	064
75832060	GC	8431927093875	3 m	064
75832100	GC	8431927047397	3 m	064
75832150	GC	8431927047403	3 m	064
75832200	GC	8431927047410	3 m	064
75832300	GC	8431927047427	3 m	064
75832400	GC	8431927047434	3 m	064
75832500	GC	8431927047441	3 m	064
75832600	GC	8431927047458	3 m	064
7612				
76122100	PG	8431927046246	3 m	066
76122200	PG	8431927043023	3 m	066
76122300	PG	8431927043030	100 m	066
76122400	PG	8431927043047	100 m	066
76122500	PG	8431927043054	100 m	066
76122600	PG	8431927043061	100 m	066
76124100	PG	8431927086983	3 m	066
76124200	PG	8431927043122	3 m	066
76124300	PG	8431927043139	100 m	066
76124400	PG	8431927043146	100 m	066
76124500	PG	8431927043153	100 m	066
76124600	PG	8431927045096	100 m	066
7613				
76132100	GC	8431927046260	3 m	066
76132200	GC	8431927043160	3 m	066
76132300	GC	8431927043177	100 m	066
76132400	GC	8431927043184	100 m	066
76132500	GC	8431927043191	100 m	066

Ref.	M	Cod EAN	u	
7613				
76132600	GC	8431927043207	100 m	066
76134100	GC	8431927085245	3 m	066
76134200	GC	8431927043269	3 m	066
76134300	GC	8431927043276	100 m	066
76134400	GC	8431927043283	100 m	066
76134500	GC	8431927043290	100 m	066
76134600	GC	8431927045102	100 m	066
7645				
76452100	304L	8431927077363	3 m	064
76452150	304L	8431927077370	3 m	064
76452200	304L	8431927077387	3 m	064
76452300	304L	8431927077394	3 m	064
76452400	304L	8431927077400	3 m	064
76452500	304L	8431927077417	3 m	064
76452600	304L	8431927077424	3 m	064
7646				
76462100	316L	8431927077578	3 m	064
76462150	316L	8431927077585	3 m	064
76462200	316L	8431927077592	3 m	064
76462300	316L	8431927077608	3 m	064
76462400	316L	8431927077615	3 m	064
76462500	316L	8431927077622	3 m	064
76462600	316L	8431927077639	3 m	064
7655				
76552100	304L	8431927077783	3 m	065
76552150	304L	8431927077790	3 m	065
76552200	304L	8431927077806	3 m	065
76552300	304L	8431927077813	3 m	065
76552400	304L	8431927077820	3 m	065
76552500	304L	8431927077837	3 m	065
76552600	304L	8431927077844	3 m	065
7656				
76562100	316L	8431927077998	3 m	065
76562150	316L	8431927078001	3 m	065
76562200	316L	8431927078018	3 m	065
76562300	316L	8431927078025	3 m	065
76562400	316L	8431927078032	3 m	065
76562500	316L	8431927078049	3 m	065
76562600	316L	8431927078056	3 m	065
7660				
76603010	GC	8431927085627	1 un	094
76603015	GC	8431927085634	1 un	094
76603020	GC	8431927085641	1 un	094
76603030	GC	8431927085658	1 un	094
76603105	GC	8431927085788	1 un	094
76603110	GC	8431927078582	1 un	094
76603115	GC	8431927078599	1 un	094
76603120	GC	8431927078605	1 un	094
76603130	GC	8431927085665	1 un	094
76603140	GC	8431927085672	1 un	094
76603150	GC	8431927085689	1 un	094
76603160	GC	8431927085696	1 un	094
76603205	GC	8431927078612	1 un	094
76603210	GC	8431927078629	1 un	094
76603215	GC	8431927078636	1 un	094
76603220	GC	8431927078643	1 un	094
76603230	GC	8431927085702	1 un	094
76603240	GC	8431927085719	1 un	094
76603250	GC	8431927085726	1 un	094
76603260	GC	8431927085733	1 un	094
7662				
76623005	GC	8431927086785	1 un	094
7664				
76643110	GC	8431927078735	1 un	095
76643115	GC	8431927078742	1 un	095

Ref.	M	Cod EAN	u	
7664				
76643120	GC	8431927078759	1 un	095
76643210	GC	8431927078766	1 un	095
76643215	GC	8431927078773	1 un	095
76643220	GC	8431927078780	1 un	095
76643230	GC	8431927085740	1 un	095
76643240	GC	8431927085757	1 un	095
76643250	GC	8431927085764	1 un	095
76643260	GC	8431927085771	1 un	095
7666				
76663110	GC	8431927078872	1 un	095
76663115	GC	8431927078889	1 un	095
76663120	GC	8431927078896	1 un	095
7667				
76673230	GC	8431927078971	1 un	095
76673240	GC	8431927078988	1 un	095
76673250	GC	8431927078995	1 un	095
76673260	GC	8431927079008	1 un	095
7680				
76801105	PG	8431927095800	2 bto	106
76801108	PG	8431927101488	2 bto	106
76801210	PG	8431927095817	2 bto	106
76801215	PG	8431927095824	2 bto	106
76801220	PG	8431927095831	2 bto	106
76801325	PG	8431927095848	2 bto	106
76801330	PG	8431927095855	2 bto	106
76801340	PG	8431927095862	2 bto	106
76801350	PG	8431927095879	2 bto	106
76801360	PG	8431927095886	2 bto	106
76805105	304L	8431927095893	2 bto	106
76805108	304L	8431927101495	2 bto	106
76805210	304L	8431927095909	2 bto	106
76805215	304L	8431927095916	2 bto	106
76805220	304L	8431927095923	2 bto	106
76805325	304L	8431927095930	2 bto	106
76805330	304L	8431927095947	2 bto	106
76805340	304L	8431927095954	2 bto	106
76805350	304L	8431927095961	2 bto	106
76805360	304L	8431927095978	2 bto	106
8100				
81000019	PG	8431927107930	18 un	050
81000021	LN	8431927107954	18 un	050
81000022	BK8	8431927107961	18 un	050
81000048	AL	8431927108937	1 un	151
81000049	AL	8431927108944	1 un	151
81000050	AL	8431927108951	1 un	151
81000051	AL	8431927108968	1 un	151
81000070	RAL 7035	8431927109958	20 un	261
81000071	RAL 7035	8431927109965	20 un	261
81000072	RAL 7035	8431927109972	20 un	261
81000073	RAL 7035	8431927109989	10 un	261
81000074	RAL 7035	8431927109996	10 un	261
81000075	RAL 7035	8431927110008	5 un	261
81000076	RAL 7035	8431927110015	5 un	261
81000101	PG	8431927112477	100 un	214
81000104	PG	8431927112552	100 un	214
81000105	PG	8431927112484	100 m	214
81000106	PG	8431927112569	100 m	214
81000107	PG	8431927112491	100 m	214
81000109	PG	8431927112576	100 m	214
81000120	RAL 7035	8431927115188	100 un	266, 282
81000121	RAL 7035	8431927115195	50 un	266, 282
81000122	RAL 7035	8431927115201	50 un	266, 282
81000123	RAL 7035	8431927115218	25 un	266, 282
81000124	RAL 7035	8431927115225	25 un	266, 282
81000125	RAL 7035	8431927115232	10 un	266, 282
81000126	RAL 7035	8431927115249	8 un	266, 282
81000127	RAL 7035	8431927115256	5 un	266, 282

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8100				
81000194	LN	8431927119896	100 un	325
81000195	LN	8431927119902	100 un	325
81000196	LN	8431927119919	100 un	325
81000197	LN	8431927119926	100 un	325
81000198	LN	8431927119933	100 un	325
81000199	LN	8431927119940	100 un	325
81000200	LN	8431927119957	100 un	325
81000201	LN	8431927119964	100 un	325
81000202	LN	8431927119971	50 un	325
81000203	LN	8431927119988	50 un	325
81000204	LN	8431927119995	50 un	325
81000205	LN	8431927120007	50 un	325
81000206	LN	8431927120014	50 un	325
81000207	LN	8431927120021	25 un	325
81000208	LN	8431927120038	25 un	325
81000209	LN	8431927120045	10 un	325
81000210	LN	8431927120052	10 un	325
81000211	LN	8431927120069	10 un	325
81000212	LN	8431927120076	10 un	325
81000213	LN	8431927120083	10 un	325
81000214	LN	8431927120120	100 un	327
81000215	RAL 7035	8431927120137	25 un	325
81000216	RAL 7035	8431927120144	10 un	325
81000253	LN	8431927120700	10 un	076, 122
81000254	LN	8431927120717	10 un	076, 122
81000256	LN	8431927120731	10 un	076, 122
81000257	LN	8431927120748	10 un	122
81000258	LN	8431927120755	10 un	122
81000270	RAL 7035	8431927121967	4 un	181, 188
81000271	RAL 7035	8431927121974	4 un	181, 188
81000272	RAL 7035	8431927121981	4 un	181, 188
81000273	RAL 7035	8431927121998	4 un	181, 188
81000274	RAL 7035	8431927122001	4 un	181, 188
81000420	RAL 7035	8431927122018	4 un	181, 188
81000421	RAL 7035	8431927122025	4 un	181, 188
81000277	RAL 3000	8431927122032	50 un	181, 190
81000278	RAL 3000	8431927122049	50 un	181, 190
81000279	RAL 3000	8431927122056	50 un	181, 190
81000280	RAL 3000	8431927122063	30 un	181, 190
81000281	RAL 3000	8431927122070	20 un	181, 190
81000282	RAL 7035	8431927122087	8 un	180, 184
81000283	RAL 7035	8431927122094	8 un	180, 184
81000284	RAL 7035	8431927122100	12 un	180, 186
81000285	RAL 7035	8431927122117	12 un	180, 186
81000286	RAL 7035	8431927122124	8 un	181, 186
81000287	RAL 7035	8431927122131	8 un	181, 186
81000288	RAL 7035	8431927122148	4 un	181, 194
81000289	RAL 7035	8431927122155	4 un	181, 194
81000290	RAL 7035	8431927122162	6 un	180, 184
81000291	RAL 3000	8431927122179	12 un	181, 188
81000292	RAL 3000	8431927122186	12 un	181, 188
81000293	RAL 3000	8431927122193	12 un	181, 188
81000294	RAL 7035	8431927122209	20 un	180, 190
81000295	RAL 3000	8431927122216	20 un	180, 190
81000296	304L	8431927122223	50 un	181, 186
81000297	RAL 7035	8431927122230	100 un	180, 190
81000298	RAL 7035	8431927122247	100 un	180, 184
81000311	304L	8431927122360	50 un	181, 186
81000312	LN	8431927123398	3 m	038, 074
81000351	RAL 3000	8431927126054	24 un	181, 188
81000401	RAL 7035	8431927126047	100 un	180, 190
81000440	EZ	8431927126603	100 un	226
81000441	EZ	8431927126610	100 un	226
81000442	EZ	8431927126627	100 un	226
81000443	EZ	8431927126634	50 un	226
8200				
82000057	AL	8431927106568	1 un	150
82000058	AL	8431927106575	1 un	150
82000059	AL	8431927106582	1 un	150

Ref.	Ⓜ	Cod EAN	u	🕮
8200				
82000060	AL	8431927106599	1 un	150
82000061	AL	8431927107091	1 un	094
82000062	AL	8431927107107	1 un	094
82000063	AL	8431927107114	1 un	094
82000064	AL	8431927107121	1 un	094
82000065	AL	8431927107138	1 un	094
82000066	AL	8431927107145	1 un	094
82000067	AL	8431927107152	1 un	094
82000068	AL	8431927107169	1 un	094
82000069	AL	8431927107176	1 un	094
82000070	AL	8431927107183	1 un	094
82000072	AL	8431927107190	1 un	094
82002251	AL	8431927107404	1 un	100
82002252	AL	8431927107411	1 un	100
82002253	AL	8431927107428	1 un	100
82002254	AL	8431927107435	1 un	100
82002255	AL	8431927107442	1 un	100
82002256	AL	8431927107459	1 un	100
82002257	AL	8431927107466	1 un	100
82002258	AL	8431927107473	1 un	100
82002259	AL	8431927107480	1 un	100
82002260	AL	8431927107497	1 un	100
82002261	AL	8431927107503	1 un	098
82002262	AL	8431927107510	1 un	098
82002263	AL	8431927107527	1 un	098
82002264	AL	8431927107534	1 un	098
82002265	AL	8431927107541	1 un	098
82002266	AL	8431927107558	1 un	098
82002267	AL	8431927107565	1 un	098
82002268	AL	8431927107572	1 un	098
82002269	AL	8431927107589	1 un	098
82002270	AL	8431927107596	1 un	098
82002271	AL	8431927107602	1 un	099
82002272	AL	8431927107619	1 un	099
82002273	AL	8431927107626	1 un	099
82002274	AL	8431927107633	1 un	099
82002275	AL	8431927107640	1 un	099
82002276	AL	8431927107657	1 un	099
82002277	AL	8431927107664	1 un	099
82002278	AL	8431927107671	1 un	099
82002279	AL	8431927107688	1 un	099
82002280	AL	8431927107695	1 un	099
82002281	AL	8431927107701	1 un	100
82002282	AL	8431927107718	1 un	100
82002283	AL	8431927107725	1 un	100
82002284	AL	8431927107732	1 un	100
82002285	AL	8431927107749	1 un	100
82002286	AL	8431927107756	1 un	100
82002287	AL	8431927107763	1 un	100
82002288	AL	8431927107770	1 un	100
82002289	AL	8431927107787	10 bol	096
82002290	AL	8431927107794	10 bol	096
82002291	304L	8431927107800	4 bol	097
82002292	304L	8431927107817	4 un	097
82002293	304L	8431927107824	4 bol	097
82002294	AL	8431927107831	1 un	097
82002295	AL	8431927107848	1 un	097
82002296	AL	8431927107855	1 un	097
82002297	AL	8431927107862	1 un	097
82002298	AL	8431927107879	1 un	097
82002299	AL	8431927106605	1 un	154
82002300	AL	8431927106612	1 un	154
82002301	AL	8431927106629	1 un	154
82002302	AL	8431927106636	1 un	154
82002303	AL	8431927106643	1 un	154
82002304	AL	8431927106650	1 un	154
82002305	AL	8431927106667	1 un	154
82002306	AL	8431927106674	1 un	154
82002307	AL	8431927106681	1 un	154
82002308	AL	8431927106698	1 un	154

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82002309	AL	8431927106704	1 un	154
82002310	AL	8431927106711	1 un	154
82002311	AL	8431927106728	1 un	153
82002312	AL	8431927106735	1 un	153
82002313	AL	8431927106742	1 un	153
82002314	AL	8431927106759	1 un	153
82002315	AL	8431927106766	1 un	153
82002316	AL	8431927106773	1 un	153
82002317	AL	8431927106780	1 un	153
82002318	AL	8431927106797	1 un	153
82002319	AL	8431927106803	1 un	153
82002320	AL	8431927106810	1 un	153
82002321	AL	8431927106827	1 un	153
82002322	AL	8431927106834	1 un	153
82002323	AL	8431927106841	1 un	152
82002324	AL	8431927106858	1 un	152
82002325	AL	8431927106865	1 un	152
82002326	AL	8431927106872	1 un	152
82002327	AL	8431927106889	1 un	152
82002328	AL	8431927106896	1 un	152
82002329	AL	8431927106902	1 un	152
82002330	AL	8431927106919	1 un	152
82002331	AL	8431927106926	1 un	152
82002332	AL	8431927106933	1 un	152
82002333	AL	8431927106940	1 un	152
82002334	AL	8431927106957	1 un	152
82002335	AL	8431927106964	1 un	155
82002336	AL	8431927106971	1 un	155
82002337	AL	8431927106988	1 un	155
82002338	AL	8431927106995	1 un	155
82002339	AL	8431927107008	1 un	155
82002340	AL	8431927107015	1 un	155
82002341	AL	8431927107022	1 un	155
82002342	AL	8431927107039	1 un	155
82002343	AL	8431927107046	1 un	155
82002344	AL	8431927107053	1 un	155
82002345	AL	8431927107060	4 bol	151
82002346	AL	8431927107077	1 bol	151
82002347	AL	8431927107084	1 bol	151
82002348	AL	8431927107206	1 un	101
82002349	AL	8431927107213	1 un	101
82002350	AL	8431927107220	1 un	101
82002351	AL	8431927107237	1 un	101
82002352	AL	8431927107244	1 un	101
82002353	AL	8431927107251	1 un	101
82002354	AL	8431927107268	1 un	101
82002355	AL	8431927107275	1 un	101
82002356	AL	8431927107282	1 un	101
82002357	AL	8431927107299	1 un	101
82002358	AL	8431927107305	1 un	102
82002359	AL	8431927107312	1 un	102
82002360	AL	8431927107329	1 un	102
82002361	AL	8431927107336	1 un	102
82002362	AL	8431927107343	1 un	102
82002363	AL	8431927107350	1 un	102
82002364	AL	8431927107367	1 un	102
82002365	AL	8431927107374	1 un	102
82002366	AL	8431927107381	1 un	102
82002367	AL	8431927107398	1 un	102
82002368	GC	8431927108074	1 un	142
82002369	GC	8431927108081	1 un	142
82002370	GC	8431927108098	1 un	142
82002371	GC	8431927108104	1 un	142
82002372	GC	8431927108111	1 un	142
82002373	GC	8431927108128	1 un	142
82002374	GC	8431927108135	1 un	142
82002375	GC	8431927108142	1 un	142
82002376	GC	8431927108159	1 un	142
82002377	GC	8431927108166	1 un	142
82002378	GC	8431927108173	2 un	143

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82002392	AL	8431927108890	1 un	155
82002393	AL	8431927108906	1 un	155
82002394	AL	8431927108913	1 un	155
82002407	GC	8431927108432	1 un	145
82002420	GC	8431927108449	1 un	145
82002421	GC	8431927108456	1 un	145
82002422	GC	8431927108463	1 un	145
82002423	GC	8431927108470	1 un	145
82002424	GC	8431927108487	1 un	145
82002425	GC	8431927108814	1 un	145
82002426	GC	8431927108494	1 un	145
82002427	GC	8431927108500	1 un	145
82002428	GC	8431927108517	1 un	144
82002429	GC	8431927108524	1 un	144
82002430	GC	8431927108531	1 un	144
82002431	GC	8431927108548	1 un	144
82002432	GC	8431927108555	1 un	144
82002433	GC	8431927108562	1 un	143
82002434	GC	8431927108579	1 un	143
82002435	GC	8431927108586	1 un	143
82002436	GC	8431927108593	1 un	143
82002437	GC	8431927108609	1 un	143
82002438	GC	8431927108616	1 un	144
82002439	GC	8431927108623	1 un	144
82002440	GC	8431927108630	1 un	144
82002441	GC	8431927108647	1 un	144
82002442	GC	8431927108654	1 un	144
82002443	GC	8431927108661	1 un	144
82002444	GC	8431927108678	1 un	144
82002445	GC	8431927108685	1 un	144
82002446	GC	8431927108692	1 un	144
82002447	GC	8431927108708	1 un	144
82002448	GC	8431927108715	1 un	144
82002449	GC	8431927108722	1 un	144
82002450	GC	8431927108739	1 un	144
82002451	GC	8431927108746	1 un	144
82002452	GC	8431927108753	1 un	144
82002466	GC	8431927108760	2 bol	143
82002467	GC	8431927108777	2 bol	143
82002468	GC	8431927108784	2 bol	143
82002469	GC	8431927108791	2 bol	143
82002470	GC	8431927108807	4 bol	143
82002471	EZ	8431927109026	3 bto	027
82002474	EZ	8431927109033	3 bto	027
82002475	EZ	8431927109040	3 bto	027
82002476	EZ	8431927109057	3 bto	027
82002477	EZ	8431927109064	3 bto	027
82002478	EZ	8431927109071	3 bto	027
82002479	EZ	8431927109088	3 bto	027
82002480	EZ	8431927109095	3 bto	027
82002481	EZ	8431927109101	3 bto	027
82002482	EZ	8431927109118	3 bto	027
82002483	EZ	8431927109125	3 bto	027
82002484	EZ	8431927109132	3 bto	027
82002485	EZ	8431927109149	3 bto	027
82002486	EZ	8431927109156	3 bto	027
82002487	EZ	8431927109163	3 bto	027
82002488	EZ	8431927109170	3 bto	027
82002489	EZ	8431927109187	3 bto	027
82002490	EZ	8431927109194	3 bto	027
82002491	EZ	8431927109200	3 bto	027
82002531	PG	8431927109873	3 bto	040
82002532	PG	8431927109880	3 bto	040
82002533	PG	8431927109897	3 bto	040
82002534	PG	8431927109903	3 bto	040
82002535	PG	8431927109910	3 bto	040
82002536	PG	8431927109927	3 bto	040
82002537	PG	8431927109934	3 bto	040
82002538	PG	8431927109941	3 bto	040

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8200				
82002540	RAL 7001	8431927110022	50 un	283
82002568	RAL 7001	8431927110039	50 un	283
82002569	RAL 7001	8431927110046	25 un	283
82002570	RAL 7001	8431927110053	25 un	283
82002571	RAL 7001	8431927110060	15 un	283
82002572	RAL 7001	8431927110077	15 un	283
82002573	RAL 7001	8431927110084	5 un	283
82002574	RAL 7001	8431927110091	4 un	283
82002575	RAL 7001	8431927110107	3 un	283
82002600	EZ	8431927110114	100 un	212
82002601	EZ	8431927110121	100 un	212
82002602	EZ	8431927110138	100 un	212
82002603	EZ	8431927110145	100 un	212, 222
82002604	EZ	8431927110152	100 un	212, 222
82002605	GC	8431927110169	100 un	212
82002606	GC	8431927110176	100 un	212
82002607	GC	8431927110183	100 un	212
82002608	GC	8431927110190	100 un	212
82002609	GC	8431927110206	100 un	212
82002610	GC	8431927110213	100 un	212, 222
82002611	GC	8431927110220	100 un	212, 222
82002612	GC	8431927110237	100 un	212, 222
82002613	GC	8431927110244	100 un	212, 222
82002614	304L	8431927110299	100 un	212
82002615	304L	8431927110305	100 un	212
82002616	304L	8431927110312	100 un	212, 222
82002617	304L	8431927110329	100 un	212, 222
82002618	316L	8431927110336	100 un	212
82002619	316L	8431927110343	100 un	212
82002620	316L	8431927110350	100 un	212, 222
82002621	316L	8431927110367	100 un	212, 222
82002622	GC	8431927110251	100 un	212, 222
82002623	GC	8431927110268	100 un	212, 222
82002624	GC	8431927110275	100 un	212, 222
82002625	GC	8431927110282	100 un	212, 222
82002627	GC	8431927110374	100 un	212
82002628	316L	8431927110381	100 un	212
82002711	GC	8431927110404	1 un	166
82002712	GC	8431927110411	1 un	166
82002713	GC	8431927110428	1 un	166
82002714	GC	8431927110435	1 un	166
82002715	GC	8431927110442	1 un	166
82002716	GC	8431927110459	1 un	166
82002717	GC	8431927110466	1 un	166
82002718	GC	8431927110473	1 un	166
82002719	GC	8431927110480	1 un	166
82002720	GC	8431927110497	1 un	166
82002721	GC	8431927110503	1 un	166
82002722	GC	8431927110510	1 un	166
82002723	GC	8431927110527	1 un	166
82002724	GC	8431927110534	1 un	166
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82002727	GC	8431927110565	1 un	166
82002728	GC	8431927110572	1 un	166
82002729	GC	8431927110589	1 un	166
82002730	GC	8431927110596	1 un	166
82002731	GC	8431927110602	1 un	166
82002732	GC	8431927110619	1 un	166
82002733	GC	8431927110626	1 un	166
82002734	GC	8431927110633	1 un	166
82002736	GC	8431927112613	20 bol	167
82002743	GC	8431927112620	20 bol	167
82002744	GC	8431927112637	20 bol	167
82002745	GC	8431927112644	5 bol	167
82002746	GC	8431927112651	10 bol	168
82002747	GC	8431927112668	4 bol	168
82002748	GC	8431927112675	18 bol	168
82002749	GC	8431927110640	1 un	170
82002750	GC	8431927110657	1 un	170

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82002753	GC	8431927110688	1 un	170
82002754	GC	8431927110695	1 un	170
82002755	GC	8431927110701	1 un	170
82002756	GC	8431927110718	1 un	170
82002757	GC	8431927110725	1 un	170
82002758	GC	8431927110732	1 un	170
82002759	GC	8431927110749	1 un	170
82002760	GC	8431927110756	1 un	170
82002761	GC	8431927110763	1 un	170
82002762	GC	8431927110770	1 un	170
82002763	GC	8431927110787	1 un	170
82002764	GC	8431927110794	1 un	170
82002765	GC	8431927110800	1 un	170
82002766	GC	8431927110817	1 un	170
82002767	GC	8431927110824	1 un	170
82002768	GC	8431927110831	1 un	170
82002769	GC	8431927110848	1 un	170
82002770	GC	8431927110855	1 un	170
82002771	GC	8431927110862	1 un	170
82002772	GC	8431927110879	1 un	170
82002773	GC	8431927110886	1 un	169
82002774	GC	8431927110893	1 un	169
82002775	GC	8431927110909	1 un	169
82002776	GC	8431927110916	1 un	169
82002777	GC	8431927110923	1 un	169
82002778	GC	8431927110930	1 un	169
82002779	GC	8431927110947	1 un	169
82002780	GC	8431927110954	1 un	169
82002781	GC	8431927110961	1 un	169
82002782	GC	8431927110978	1 un	169
82002783	GC	8431927110985	1 un	169
82002784	GC	8431927110992	1 un	169
82002785	GC	8431927111005	1 un	169
82002786	GC	8431927111012	1 un	169
82002787	GC	8431927111029	1 un	169
82002788	GC	8431927111036	1 un	169
82002789	GC	8431927111043	1 un	169
82002790	GC	8431927111050	1 un	169
82002791	GC	8431927111067	1 un	169
82002792	GC	8431927111074	1 un	169
82002793	GC	8431927111081	1 un	169
82002794	GC	8431927111098	1 un	169
82002795	GC	8431927111104	1 un	169
82002796	GC	8431927111111	1 un	169
82002797	GC	8431927111128	1 un	169
82002798	GC	8431927111135	1 un	169
82002799	GC	8431927111142	1 un	169
82002800	GC	8431927111159	1 un	169
82002801	GC	8431927111166	1 un	169
82002802	GC	8431927111173	1 un	169
82002803	GC	8431927111180	1 un	169
82002804	GC	8431927111197	1 un	169
82002805	GC	8431927111203	1 un	169
82002806	GC	8431927111210	1 un	169
82002807	GC	8431927111227	1 un	169
82002808	GC	8431927111234	1 un	169
82002809	GC	8431927111241	1 un	169
82002810	GC	8431927111258	1 un	169
82002811	GC	8431927111265	1 un	169
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82002813	GC	8431927111289	1 un	169
82002814	GC	8431927111296	1 un	169
82002815	GC	8431927111302	1 un	169
82002816	GC	8431927111319	1 un	169
82002817	GC	8431927111326	1 un	169
82002818	GC	8431927111333	1 un	169
82002819	GC	8431927111340	1 un	169
82002820	GC	8431927111357	1 un	169

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82002823	GC	8431927111388	1 un	168
82002824	GC	8431927111395	1 un	168
82002825	GC	8431927111401	1 un	168
82002826	GC	8431927111418	1 un	168
82002827	GC	8431927111425	1 un	168
82002828	GC	8431927111432	1 un	168
82002829	GC	8431927111449	1 un	168
82002830	GC	8431927111456	1 un	168
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82002832	GC	8431927111470	1 un	168
82002833	GC	8431927111487	1 un	168
82002834	GC	8431927111494	1 un	168
82002835	GC	8431927111500	1 un	168
82002836	GC	8431927111517	1 un	168
82002837	GC	8431927111524	1 un	168
82002838	GC	8431927111531	1 un	168
82002839	GC	8431927111548	1 un	168
82002840	GC	8431927111555	1 un	168
82002841	GC	8431927111562	1 un	168
82002842	GC	8431927111579	1 un	168
82002843	GC	8431927111586	1 un	168
82002844	GC	8431927111593	1 un	168
82002845	GC	8431927111609	1 un	170
82002846	GC	8431927111616	1 un	170
82002847	GC	8431927111623	1 un	170
82002848	GC	8431927111630	1 un	170
82002849	GC	8431927111647	1 un	170
82002850	GC	8431927111654	1 un	170
82002851	GC	8431927111661	1 un	170
82002852	GC	8431927111678	1 un	170
82002853	GC	8431927111685	1 un	170
82002854	GC	8431927111692	1 un	170
82002855	GC	8431927111708	1 un	170
82002856	GC	8431927111715	1 un	170
82002857	GC	8431927111722	1 un	170
82002858	GC	8431927111739	1 un	170
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82002864	GC	8431927111791	1 un	170
82002865	GC	8431927111807	1 un	170
82002866	GC	8431927111814	1 un	170
82002867	GC	8431927111821	1 un	170
82002868	GC	8431927111838	1 un	170
82002869	GC	8431927111845	1 un	171
82002870	GC	8431927111852	1 un	171
82002871	GC	8431927111869	1 un	171
82002872	GC	8431927111876	1 un	171
82002873	GC	8431927111883	1 un	171
82002874	GC	8431927111890	1 un	171
82002875	GC	8431927111906	1 un	171
82002876	GC	8431927111913	1 un	171
82002877	GC	8431927111920	1 un	171
82002878	GC	8431927111937	1 un	171
82002879	GC	8431927111944	1 un	171
82002880	GC	8431927111951	1 un	171
82002881	GC	8431927111968	1 un	171
82002882	GC	8431927111975	1 un	171
82002883	GC	8431927111982	1 un	171
82002884	GC	8431927111999	1 un	171
82002885	GC	8431927112002	1 un	171
82002886	GC	8431927112019	1 un	171
82002887	GC	8431927112026	1 un	171
82002888	GC	8431927112033	1 un	171
82002889	GC	8431927112040	1 un	171
82002890	GC	8431927112057	1 un	171

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82002894	GC	8431927112682	1 un	172
82002895	GC	8431927112699	1 un	172
82002896	GC	8431927112705	1 un	172
82002897	GC	8431927112712	1 un	172
82002898	GC	8431927112729	1 un	172
82002899	GC	8431927112736	1 un	172
82002900	GC	8431927112743	1 un	172
82002901	GC	8431927112750	1 un	172
82002902	GC	8431927112767	1 un	172
82002903	GC	8431927112774	1 un	172
82002904	GC	8431927112781	1 un	172
82002905	GC	8431927112798	1 un	172
82002906	GC	8431927112804	1 un	172
82002907	GC	8431927112811	1 un	172
82002908	GC	8431927112828	1 un	172
82002909	GC	8431927112835	1 un	172
82002910	GC	8431927112842	1 un	172
82002911	GC	8431927112859	1 un	172
82002912	GC	8431927112866	1 un	172
82002913	GC	8431927112873	1 un	172
82002914	GC	8431927112880	1 un	172
82002915	GC	8431927112897	1 un	172
82002916	GC	8431927112903	1 un	172
82002917	GC	8431927112910	1 un	172
82002918	GC	8431927112927	1 un	172
82002919	GC	8431927112934	1 un	172
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82002953	GC	8431927113276	1 un	172
82002954	GC	8431927113283	1 un	172
82002955	GC	8431927113290	1 un	172
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82002957	GC	8431927113313	1 un	172
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82002959	GC	8431927113337	1 un	172
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82002961	GC	8431927113351	1 un	172

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82002964	GC	8431927113382	1 un	172
82002965	GC	8431927113399	1 un	172
82002966	GC	8431927113405	1 un	172
82002967	GC	8431927113412	1 un	172
82002968	GC	8431927113429	1 un	172
82002969	GC	8431927113436	1 un	172
82002970	GC	8431927113443	1 un	172
82002971	GC	8431927113450	1 un	172
82002972	GC	8431927113467	1 un	172
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82002974	GC	8431927113481	1 un	172
82002975	GC	8431927113498	1 un	172
82002976	GC	8431927113504	1 un	172
82002977	GC	8431927113511	1 un	172
82002978	GC	8431927113528	1 un	172
82002979	GC	8431927113535	1 un	172
82002980	GC	8431927113542	1 un	172
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82002982	GC	8431927113566	1 un	172
82002983	GC	8431927113573	1 un	172
82002984	GC	8431927113580	1 un	172
82002985	GC	8431927113597	1 un	172
82002986	GC	8431927113603	1 un	172
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82002989	GC	8431927113634	1 un	172
82002990	GC	8431927113641	1 un	173
82002991	GC	8431927113658	1 un	173
82002992	GC	8431927113665	1 un	173
82002993	GC	8431927113672	1 un	173
82002994	GC	8431927113689	1 un	173
82002995	GC	8431927113696	1 un	173
82002996	GC	8431927113702	1 un	173
82002997	GC	8431927113719	1 un	173
82002998	GC	8431927113726	1 un	173
82002999	GC	8431927113733	1 un	173
82003000	GC	8431927113740	1 un	173
82003001	GC	8431927113757	1 un	173
82003002	GC	8431927113764	1 un	173
82003003	GC	8431927113771	1 un	173
82003004	GC	8431927113788	1 un	173
82003005	GC	8431927113795	1 un	173
82003006	GC	8431927113801	1 un	173
82003007	GC	8431927113818	1 un	173
82003008	GC	8431927113825	1 un	173
82003009	GC	8431927113832	1 un	173
82003010	GC	8431927113849	1 un	173
82003011	GC	8431927113856	1 un	173
82003012	GC	8431927113863	1 un	173
82003013	GC	8431927113870	1 un	173
82003014	GC	8431927113887	1 un	173
82003015	GC	8431927113894	1 un	173
82003016	GC	8431927113900	1 un	173
82003017	GC	8431927113917	1 un	173
82003018	GC	8431927113924	1 un	173
82003019	GC	8431927113931	1 un	173
82003020	GC	8431927113948	1 un	173
82003021	GC	8431927113955	1 un	173
82003022	GC	8431927113962	1 un	173
82003023	GC	8431927113979	1 un	173
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82003025	GC	8431927113993	1 un	173
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82003027	GC	8431927114013	1 un	173
82003028	GC	8431927114020	1 un	173
82003029	GC	8431927114037	1 un	173
82003030	GC	8431927114044	1 un	173
82003031	GC	8431927114051	1 un	173

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82003033	GC	8431927114075	1 un	173
82003034	GC	8431927114082	1 un	173
82003035	GC	8431927114099	1 un	173
82003036	GC	8431927114105	1 un	173
82003037	GC	8431927114112	1 un	173
82003038	GC	8431927114129	1 un	173
82003039	GC	8431927114136	1 un	173
82003040	GC	8431927114143	1 un	173
82003041	GC	8431927114150	1 un	173
82003042	GC	8431927114167	1 un	173
82003043	GC	8431927114174	1 un	173
82003044	GC	8431927114181	1 un	173
82003045	GC	8431927114198	1 un	173
82003046	GC	8431927114204	1 un	173
82003047	GC	8431927114211	1 un	173
82003048	GC	8431927114228	1 un	173
82003049	GC	8431927114235	1 un	173
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82003062	GC	8431927114365	1 un	173
82003063	GC	8431927114372	1 un	173
82003064	GC	8431927114389	1 un	173
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82003066	GC	8431927114402	1 un	173
82003067	GC	8431927114419	1 un	173
82003068	GC	8431927114426	1 un	173
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82003070	GC	8431927114440	1 un	173
82003071	GC	8431927114457	1 un	173
82003072	GC	8431927114464	1 un	173
82003073	GC	8431927114471	1 un	173
82003074	GC	8431927114488	1 un	173
82003075	GC	8431927114495	1 un	173
82003076	GC	8431927114501	1 un	173
82003077	GC	8431927114518	1 un	173
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82003079	GC	8431927114532	1 un	173
82003080	GC	8431927114549	1 un	173
82003081	GC	8431927114556	1 un	173
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82003086	GC	8431927114600	1 un	174
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82003088	GC	8431927114624	1 un	174
82003089	GC	8431927114631	1 un	174
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82003091	GC	8431927114655	1 un	174
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82003095	GC	8431927114693	1 un	174
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82003097	GC	8431927114716	1 un	174
82003098	GC	8431927114723	1 un	174
82003099	GC	8431927114730	1 un	174
82003100	GC	8431927114747	1 un	174
82003101	GC	8431927114754	1 un	174

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82003103	GC	8431927114778	1 un	174
82003104	GC	8431927114785	1 un	174
82003105	GC	8431927114792	1 un	174
82003106	GC	8431927114808	1 un	174
82003107	GC	8431927114815	1 un	174
82003108	GC	8431927114822	1 un	174
82003109	GC	8431927114839	1 un	174
82003110	GC	8431927114846	1 un	174
82003111	GC	8431927114853	1 un	174
82003112	GC	8431927114860	1 un	174
82003113	GC	8431927114877	1 un	174
82003114	GC	8431927114884	1 un	174
82003115	GC	8431927114891	1 un	174
82003116	GC	8431927112088	1 un	160
82003117	GC	8431927112095	1 un	160
82003118	GC	8431927112101	1 un	160
82003119	GC	8431927112118	1 un	160
82003120	GC	8431927112125	1 un	160
82003121	GC	8431927112132	1 un	160
82003122	316L	8431927112149	1 un	160
82003123	316L	8431927112156	1 un	160
82003124	316L	8431927112163	1 un	160
82003125	316L	8431927112170	1 un	160
82003126	316L	8431927112187	1 un	160
82003127	316L	8431927112194	1 un	160
82003128	GC	8431927112323	10 bol	161
82003129	316L	8431927112330	10 bol	161
82003130	GC	8431927112347	10 bol	161
82003131	316L	8431927112354	10 bol	161
82003132	GC	8431927112200	1 un	161
82003133	GC	8431927112217	1 un	161
82003134	GC	8431927112224	1 un	161
82003135	GC	8431927112231	1 un	161
82003136	GC	8431927112248	1 un	161
82003137	GC	8431927112255	1 un	161
82003138	316L	8431927112262	1 un	161
82003139	316L	8431927112279	1 un	161
82003140	316L	8431927112286	1 un	161
82003141	316L	8431927112293	1 un	161
82003142	316L	8431927112309	1 un	161
82003143	316L	8431927112316	1 un	161
82003152	PG	8431927112378	100 un	214
82003154	PG	8431927112385	100 un	214
82003155	PG	8431927112392	100 un	214
82003156	PG	8431927112408	100 un	214
82003157	PG	8431927112415	100 un	214
82003158	GC	8431927112422	100 un	214
82003160	GC	8431927112439	100 un	214
82003161	GC	8431927112446	100 un	214
82003162	GC	8431927112453	100 un	214
82003163	GC	8431927112460	100 un	214
82003164	GC	8431927112507	100 un	214
82003165	GC	8431927112583	100 un	214
82003166	GC	8431927112514	100 m	214
82003167	GC	8431927112590	100 m	214
82003168	GC	8431927112521	100 m	214
82003170	GC	8431927112606	100 m	214
82003172	PG	8431927112538	2 un	214
82003175	GC	8431927112545	2 un	214
82003200	RAL 7035	8431927115331	5 un	261
82003201	RAL 7035	8431927115348	5 un	261
82003202	RAL 7035	8431927115355	5 un	261
82003203	RAL 7035	8431927115362	5 un	261
82003204	RAL 7035	8431927115379	3 un	261
82003205	RAL 7035	8431927115386	3 un	261
82003206	RAL 7035	8431927115393	2 un	261
82003207	RAL 7035	8431927115409	2 un	261
82003210	RAL 7035	8431927115263	5 un	261
82003211	RAL 7035	8431927115270	5 un	261

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82003213	RAL 7035	8431927115294	3 un	261
82003214	RAL 7035	8431927115300	3 un	261
82003215	RAL 7035	8431927115317	2 un	261
82003216	RAL 7035	8431927115324	2 un	261
82003217	AL	8431927115041	1 un	094
82003218	AL	8431927115058	1 un	094
82003219	AL	8431927115065	1 un	094
82003305	GC	8431927116062	1 un	128
82003328	EZ	8431927118974	100 un	046
82003329	GC	8431927118981	100 un	046
82003330	EZ	8431927118998	100 un	046
82003332	GC	8431927119018	100 un	046
82003333	LN	8431927118929	20 un	040
82003450	RAL 9005	8431927119681	4 un	052
82003453	EZ	8431927120090	100 un	046
82003455	GC	8431927120113	100 un	046
82003651	RAL 7035	8431927122476	24 m	180, 183
82003652	RAL 7035	8431927122483	12 m	180, 183
82003653	RAL 7035	8431927122490	12 m	180, 183
82003654	RAL 7035	8431927122506	12 m	180, 183
82003655	RAL 7035	8431927122513	6 m	180, 183
82003656	RAL 7035	8431927122520	6 m	180, 183
82003657	RAL 7035	8431927122537	6 m	180, 183
82003658	RAL 7035	8431927122544	6 m	180, 183
82003659	RAL 7035	8431927122551	6 m	180, 183
82003660	RAL 7035	8431927122568	6 m	180, 183
82003661	RAL 7035	8431927122575	30 m	181, 188
82003662	RAL 7035	8431927122582	36 m	181, 188
82003663	RAL 7035	8431927122599	24 m	181, 186
82003664	RAL 7035	8431927122605	12 m	181, 186
82003665	RAL 7035	8431927122612	12 m	181, 186
82003666	RAL 7035	8431927122629	12 m	181, 186
82003667	RAL 7035	8431927122636	6 m	181, 186
82003668	RAL 7035	8431927122643	6 m	181, 186
82003669	RAL 7035	8431927122650	6 m	181, 186
82003670	RAL 7035	8431927122667	24 m	180, 190
82003671	RAL 7035	8431927122674	24 m	180, 190
82003672	RAL 7035	8431927122681	24 un	180, 184
82003673	RAL 7035	8431927122698	10 un	180, 184
82003674	RAL 7035	8431927122704	4 un	181, 188
82003675	RAL 7035	8431927122711	4 un	181, 188
82003676	RAL 7035	8431927122728	4 un	181, 188
82003677	RAL 7035	8431927122735	4 un	181, 188
82003678	RAL 7035	8431927122742	4 un	181, 188
82003679	RAL 7035	8431927122759	4 un	181, 188
82003680	RAL 7035	8431927122766	4 un	181, 188
82003681	RAL 7035	8431927122773	100 un	181, 194
82003682	RAL 7035	8431927122780	100 un	181, 194
82003683	RAL 7035	8431927122797	100 un	181, 194
82003684	RAL 7035	8431927122803	100 un	181, 194
82003685	RAL 7035	8431927122810	100 un	181, 194
82003686	RAL 7035	8431927122827	100 un	181, 194
82003687	RAL 7035	8431927122834	100 un	181, 194
82003688	RAL 7035	8431927122841	100 un	181, 192
82003689	RAL 7035	8431927122858	100 un	181, 192
82003690	RAL 7035	8431927122865	100 un	181, 192
82003691	RAL 7035	8431927122872	100 un	181, 192
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82003700	RAL 7035	8431927122964	100 un	181, 192
82003701	RAL 7035	8431927122971	100 un	181, 192
82003702	RAL 7035	8431927122988	100 un	181, 192
82003703	RAL 7035	8431927122995	100 un	181, 192

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82003704	RAL 7035	8431927123008	100 un	181, 192
82003705	RAL 7035	8431927123015	100 un	181, 194
82003706	RAL 7035	8431927123022	100 un	181, 194
82003707	RAL 7035	8431927123039	100 un	181, 194
82003708	RAL 7035	8431927123046	100 un	181, 194
82003709	RAL 7035	8431927123053	100 un	181, 194
82003710	RAL 7035	8431927123060	100 un	181, 194
82003711	RAL 7035	8431927123077	100 un	181, 194
82003712	RAL 7035	8431927123084	100 un	181, 194
82003713	RAL 7035	8431927123091	100 un	181, 194
82003714	RAL 7035	8431927123107	100 un	181, 194
82003715	RAL 7035	8431927123114	100 un	181, 194
82003716	RAL 7035	8431927123121	100 un	181, 194
82003717	RAL 7035	8431927123138	100 un	181, 194
82003718	RAL 7035	8431927123145	100 un	181, 194
82003719	RAL 7035	8431927123152	100 un	181, 194
82003720	RAL 7035	8431927123169	100 un	181, 194
82003721	RAL 7035	8431927123176	100 un	181, 194
82003722	RAL 7035	8431927123183	100 un	181, 192
82003723	RAL 7035	8431927123190	100 un	181, 192
82003724	RAL 7035	8431927123206	100 un	181, 192
82003725	RAL 7035	8431927123213	100 un	181, 192
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82003728	RAL 7035	8431927123244	100 un	181, 192
82003729	RAL 7035	8431927123251	100 un	181, 192
82003730	RAL 7035	8431927123268	100 un	181, 192
82003731	RAL 7035	8431927123275	100 un	181, 192
82003732	RAL 7035	8431927123282	100 un	181, 192
82003733	RAL 7035	8431927123299	100 un	181, 192
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82003737	RAL 7035	8431927123336	100 un	181, 192
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82003739	RAL 7035	8431927123350	100 un	181, 194
82003740	RAL 7035	8431927123367	100 un	181, 194
82003741	RAL 7035	8431927123374	100 un	181, 194
82003744	LN	8431927123404	3 m	064
82003745	LN	8431927123411	3 m	064
82003746	LN	8431927123428	3 m	064
82003747	LN	8431927123435	3 m	064
82003748	LN	8431927123442	3 m	064
82003749	LN	8431927123459	3 m	064
82003750	LN	8431927123466	3 m	064
82003751	LN	8431927123473	3 m	064
82003752	LN	8431927123480	3 m	065
82003753	LN	8431927123497	3 m	065
82003754	LN	8431927123503	3 m	065
82003755	LN	8431927123510	3 m	065
82003756	LN	8431927123527	3 m	065
82003757	LN	8431927123534	3 m	065
82003758	LN	8431927123541	3 m	065
82003759	LN	8431927123558	3 m	065
82003760	LN	8431927123565	3 m	040, 072
82003761	LN	8431927123572	3 m	040, 072
82003762	LN	8431927123589	3 m	040, 072
82003763	LN	8431927123596	3 m	040, 072
82003764	LN	8431927123602	3 m	040, 072
82003765	LN	8431927123619	3 m	040, 072
82003766	LN	8431927123626	3 m	040, 072
82003767	LN	8431927123633	3 m	040, 072
82003768	GC	8431927123640	1 un	210
82003769	GC	8431927123657	1 un	210
82003770	GC	8431927123664	1 un	210
82003771	GC	8431927123671	1 un	210
82003772	GC	8431927123688	1 un	210
82003773	GC	8431927123695	1 un	210
82003774	GC	8431927123701	1 un	210
82003775	AZ+	8431927123718	1 un	210

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8200				
82003776	AZ+	8431927123725	1 un	210
82003777	AZ+	8431927123732	1 un	210
82003778	AZ+	8431927123749	1 un	210
82003779	AZ+	8431927123756	1 un	210
82003780	AZ+	8431927123763	1 un	210
82003781	AZ+	8431927123770	1 un	210
82003782	LN	8431927124531	100 un	078
82003783	LN	8431927123787	100 un	078
82003784	LN	8431927123794	100 un	078
82003785	LN	8431927123800	100 un	078
82003786	LN	8431927123817	100 un	078
82003787	LN	8431927123824	100 un	078
82003788	LN	8431927123831	100 un	078
82003789	LN	8431927123848	100 un	078
82003790	LN	8431927123855	100 un	088
82003791	LN	8431927123862	100 un	079
82003792	LN	8431927123879	100 un	079
82003793	LN	8431927123886	100 un	079
82003794	LN	8431927123893	100 un	079
82003795	LN	8431927123909	100 un	079
82003796	LN	8431927123916	100 un	079
82003797	LN	8431927123923	100 un	079
82003798	LN	8431927124548	100 un	080
82003799	LN	8431927123930	100 un	080
82003800	LN	8431927123947	100 un	080
82003801	LN	8431927123954	100 un	080
82003802	LN	8431927123961	100 un	080
82003803	LN	8431927123978	100 un	080
82003804	LN	8431927123985	100 un	080
82003805	LN	8431927123992	100 un	080
82003806	LN	8431927124005	100 un	086, 088
82003807	LN	8431927124012	100 un	086, 088
82003808	LN	8431927124029	100 un	086, 088
82003809	LN	8431927124036	100 un	086, 088
82003810	LN	8431927124043	100 un	086, 088
82003811	LN	8431927124050	100 un	086, 088
82003812	LN	8431927124067	100 un	086, 088
82003813	LN	8431927124555	100 un	083
82003814	LN	8431927124074	100 un	083
82003815	LN	8431927124081	100 un	083
82003816	LN	8431927124098	100 un	083
82003817	LN	8431927124104	100 un	083
82003818	LN	8431927124111	100 un	083
82003819	LN	8431927124128	100 un	083
82003820	LN	8431927124135	100 un	083
82003821	LN	8431927124562	100 un	084
82003822	LN	8431927124142	100 un	084
82003823	LN	8431927124159	100 un	084
82003824	LN	8431927124166	100 un	084
82003825	LN	8431927124173	100 un	084
82003826	LN	8431927124180	100 un	084
82003827	LN	8431927124197	100 un	084
82003828	LN	8431927124203	100 un	084
82003829	LN	8431927124210	100 un	078
82003830	LN	8431927124227	100 un	078
82003831	LN	8431927124234	100 un	078
82003832	LN	8431927124241	100 un	078
82003833	LN	8431927124258	100 un	078
82003834	LN	8431927124265	100 un	078
82003835	LN	8431927124272	100 un	078
82003836	LN	8431927124289	100 un	078
82003837	LN	8431927124296	100 un	080
82003838	LN	8431927124302	100 un	080
82003839	LN	8431927124319	100 un	080
82003840	LN	8431927124326	100 un	080
82003841	LN	8431927124333	100 un	080
82003842	LN	8431927124340	100 un	080
82003843	LN	8431927124357	100 un	080
82003844	LN	8431927124364	100 un	080
82003845	LN	8431927124371	100 un	083

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8200				
82003846	LN	8431927124388	100 un	083
82003847	LN	8431927124395	100 un	083
82003848	LN	8431927124401	100 un	083
82003849	LN	8431927124418	100 un	083
82003850	LN	8431927124425	100 un	083
82003851	LN	8431927124432	100 un	083
82003852	LN	8431927124449	100 un	083
82003853	LN	8431927124456	100 un	084
82003854	LN	8431927124463	100 un	084
82003855	LN	8431927124470	100 un	084
82003856	LN	8431927124487	100 un	084
82003857	LN	8431927124494	100 un	084
82003858	LN	8431927124500	100 un	084
82003859	LN	8431927124517	100 un	084
82003860	LN	8431927124524	100 un	084
82003861	LN	8431927124579	100 un	086
82003862	LN	8431927124586	100 un	086
82003863	LN	8431927124593	100 un	086
82003864	LN	8431927124609	100 un	086
82003865	LN	8431927124616	100 un	079
82003866	LN	8431927124623	100 un	079
82003867	LN	8431927124630	100 un	079
82003868	LN	8431927124647	100 un	079
82003869	LN	8431927124654	100 un	079
82003870	LN	8431927124661	100 un	079
82003871	LN	8431927124678	100 un	079
82004011	BK8	8431927126078	3 m	040
82004012	BK8	8431927126085	3 m	040
82004013	BK8	8431927126092	3 m	040
82004014	BK8	8431927126108	3 m	040
82004015	BK8	8431927126115	3 m	040
82004016	BK8	8431927126122	3 m	040
82004017	BK8	8431927126139	3 m	040
82004018	BK8	8431927126146	3 m	040
82004019	BK8	8431927126153	3 m	040
82004061	RAL 7035	8431927126511	100 un	181, 192
82004062	RAL 7035	8431927126528	100 un	181, 192
82004063	RAL 7035	8431927126535	100 un	181, 192
82004064	RAL 7035	8431927126542	100 un	181, 194
82004065	RAL 7035	8431927126559	100 un	181, 194
82004066	RAL 7035	8431927126566	100 un	181, 194
82004067	RAL 7035	8431927126573	100 un	181, 192
82004068	RAL 7035	8431927126580	100 un	181, 192
82004069	RAL 7035	8431927126597	100 un	181, 192
82004160	RAL 7035	8431927126788	24 m	180
82004161	RAL 7035	8431927126795	12 m	180
82004162	RAL 7035	8431927126801	12 m	180
82004163	RAL 7035	8431927126818	12 m	180
82004164	RAL 7035	8431927126825	6 m	180
82004165	RAL 7035	8431927126832	6 m	180
82004166	RAL 7035	8431927126849	6 m	180
82004167	RAL 7035	8431927126856	6 m	180
82004168	RAL 7035	8431927126863	6 m	180
82004169	RAL 7035	8431927126870	6 m	180
82004210	PG	8431927126962	100 un	120
82004212	PG	8431927126979	100 un	120
82004213	PG	8431927126986	100 un	120
82004214	PG	8431927126993	100 un	120
82004215	PG	8431927127006	100 un	120
82004216	PG	8431927127013	100 un	120
82004217	GC	8431927127020	100 un	120
82004218	GC	8431927127037	100 un	120
82004219	GC	8431927127044	100 un	120
82004220	GC	8431927127051	100 un	120
82004221	GC	8431927127068	100 un	120
82004222	GC	8431927127075	100 un	120
82004223	PG	8431927127143	100 un	180, 184
82004224	PG	8431927127150	100 un	180, 184
82004240	EZ	8431927127259	100 un	212
82004241	EZ	8431927127297	100 un	212, 222

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8200				
82004242	EZ	8431927127303	100 un	212, 222
82004243	EZ	8431927127310	100 un	212, 222
82004244	EZ	8431927127327	100 un	212, 222
82004245	EZ	8431927127334	100 un	212, 222
82004246	EZ	8431927127341	100 un	212, 222
82004247	RAL 7035	8431927127358	10 un	180, 184
82004259	BK8	8431927127365	1	210
82004260	AZ+	8431927127426	3	064
82004261	AZ+	8431927127433	3	064
82004262	AZ+	8431927127440	3	064
82004263	AZ+	8431927127457	3	064
82004264	AZ+	8431927127464	3	064
82004265	AZ+	8431927127471	3	064
82004266	AZ+	8431927127488	3	065
82004267	AZ+		3	065
82004268	AZ+	8431927127501	3	065
82004269	AZ+	8431927127518	3	065
82004270	AZ+	8431927127525	3	065
82004271	AZ+	8431927127532	3	065
82004273	AZ+	8431927127549	1	079
82004274	AZ+	8431927127556	1	079
82004275	AZ+	8431927127563	1	079
82004276	AZ+	8431927127570	1	079
82004277	AZ+	8431927127587	1	079
82004278	AZ+	8431927127594	1	079
82004286	AZ+	8431927127662	1	083
82004287	AZ+	8431927127679	1	083
82004288	AZ+	8431927127686	1	083
82004289	AZ+	8431927127693	1	083
82004290	AZ+	8431927127709	1	083
82004291	AZ+	8431927127716	1	083
82004292	AZ+	8431927127723	1	088
82004293	AZ+	8431927127730	1	078, 080
82004294	AZ+	8431927127747	1	078, 080
82004295	AZ+	8431927127754	1	078, 080
82004296	AZ+	8431927127761	1	078, 080
82004297	AZ+	8431927127778	1	078, 080
82004298	AZ+	8431927127785	1	078, 080
82004299	AZ+	8431927127808	1	084
82004301	AZ+	8431927127815	1	084
82004302	AZ+	8431927127822	1	084
82004303	AZ+	8431927127839	1	084
82004304	AZ+	8431927127846	1	084
82004305	AZ+	8431927127853	1	084
82004307	AZ+	8431927127860	1	086, 088
82004308	AZ+	8431927127877	1	086, 088
82004309	AZ+	8431927127884	1	086, 088
82004310	AZ+	8431927127891	1	086, 088
82004311	AZ+	8431927127907	1	086, 088
82004312	AZ+	8431927127914	1	086, 088
8300				
83001930	EZ	8431927127273	100 un	212
83001931	EZ	8431927127280	100 un	212
83002000	EZ	8431927127266	100 un	212
9101				
91011030	RAL 9010	8431927012210	25 m	330
91012030	RAL 9005	8431927012227	25 m	330
9102				
91021060	RAL 9010	8431927012234	25 m	330
91022060	RAL 9005	8431927012241	25 m	330
9103				
91031080	RAL 9010	8431927012258	25 m	330
91032080	RAL 9005	8431927012265	25 m	330
9104				
91041109	RAL 9010	8431927012272	25 m	330
91042109	RAL 9005	8431927012289	25 m	330

pemsa

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9201				
92012100	PG	8431927055095	100 m	114
92012150	PG	8431927055101	100 m	114
92012200	PG	8431927055118	100 m	114
92012300	PG	8431927055125	100 m	114
92012400	PG	8431927055132	100 m	114
92012450	PG	8431927055149	100 m	114
92012500	PG	8431927055156	100 m	114
92012600	PG	8431927055163	100 m	114
92014100	PG	8431927055316	100 m	114
92014150	PG	8431927055323	100 m	114
92014200	PG	8431927055330	100 m	114
92014300	PG	8431927055347	100 m	114
92014400	PG	8431927055354	100 m	114
92014450	PG	8431927055361	100 m	114
92014500	PG	8431927055378	100 m	114
92014600	PG	8431927055385	100 m	114
92014750	PG	8431927055408	100 m	114
92014900	PG	8431927055422	100 m	114
92015100	PG	8431927055446	100 m	116
92015150	PG	8431927055453	100 m	116
92015200	PG	8431927055460	100 m	116
92015300	PG	8431927055477	100 m	116
92015400	PG	8431927055484	100 m	116
92015450	PG	8431927055491	100 m	116
92015500	PG	8431927055507	100 m	116
92015600	PG	8431927055514	100 m	116
92015750	PG	8431927055538	100 m	116
92015900	PG	8431927055552	100 m	116
92016100	PG	8431927104632	1 un	116
92016150	PG	8431927104649	1 un	116
92016200	PG	8431927104656	100 m	116
92016300	PG	8431927104663	100 m	116
92016400	PG	8431927104670	100 m	116
92016450	PG	8431927104687	100 m	116
92016500	PG	8431927104694	100 m	116
92016600	PG	8431927104700	100 m	116
92016750	PG	8431927104724	100 m	116
92016900	PG	8431927104748	100 m	116
9203				
92032100	GC	8431927046543	100 m	114
92032150	GC	8431927050236	100 m	114
92032200	GC	8431927046550	100 m	114
92032300	GC	8431927046567	100 m	114
92032400	GC	8431927046574	100 m	114
92032450	GC	8431927050243	100 m	114
92032500	GC	8431927046581	100 m	114
92032600	GC	8431927046598	100 m	114
92034100	GC	8431927046741	100 m	114
92034150	GC	8431927050250	100 m	114
92034200	GC	8431927046758	100 m	114
92034300	GC	8431927046765	100 m	114
92034400	GC	8431927046772	100 m	114
92034450	GC	8431927050267	100 m	114
92034500	GC	8431927046789	100 m	114
92034600	GC	8431927046796	100 m	114
92034750	GC	8431927050274	100 m	114
92034900	GC	8431927046826	100 m	114
92035100	GC	8431927046840	100 m	116
92035150	GC	8431927050281	100 m	116
92035200	GC	8431927046857	100 m	116
92035300	GC	8431927046864	100 m	116
92035400	GC	8431927046871	100 m	116
92035450	GC	8431927050298	100 m	116
92035500	GC	8431927046888	100 m	116
92035600	GC	8431927046895	100 m	116
92035750	GC	8431927050304	100 m	116
92035900	GC	8431927046925	100 m	116
92036100	GC	8431927081032	100 m	116
92036150	GC	8431927081049	100 m	116

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9203				
92036200	GC	8431927081056	100 m	116
92036300	GC	8431927081063	100 m	116
92036400	GC	8431927081070	100 m	116
92036450	GC	8431927081087	100 m	116
92036500	GC	8431927081094	100 m	116
92036600	GC	8431927081100	100 m	116
92036750	GC	8431927081124	100 m	116
92036900	GC	8431927081148	100 m	116
9205				
92052100	304L	8431927069047	1 un	114
92052150	304L	8431927069054	1 un	114
92052200	304L	8431927069061	1 un	114
92052300	304L	8431927069078	1 un	114
92052400	304L	8431927069085	1 un	114
92052450	304L	8431927069092	1 un	114
92052500	304L	8431927069108	1 un	114
92052600	304L	8431927069115	1 un	114
92054100	304L	8431927069269	1 un	114
92054150	304L	8431927069276	1 un	114
92054200	304L	8431927069283	1 un	114
92054300	304L	8431927069290	1 un	114
92054400	304L	8431927069306	1 un	114
92054450	304L	8431927069313	1 un	114
92054500	304L	8431927069320	1 un	114
92054600	304L	8431927069337	1 un	114
92054750	304L	8431927069351	1 un	114
92054900	304L	8431927069375	1 un	114
92055100	304L	8431927069399	1 un	116
92055150	304L	8431927069405	1 un	116
92055200	304L	8431927069412	1 un	116
92055300	304L	8431927069429	1 un	116
92055400	304L	8431927069436	1 un	116
92055450	304L	8431927069443	1 un	116
92055500	304L	8431927069450	1 un	116
92055600	304L	8431927069467	1 un	116
92055750	304L	8431927069481	1 un	116
92055900	304L	8431927069504	1 un	116
92056100	304L	8431927101617	3 m	116
92056150	304L	8431927101624	3 m	116
92056200	304L	8431927101631	3 m	116
92056300	304L	8431927101648	3 m	116
92056400	304L	8431927101655	3 m	116
92056450	304L	8431927101662	3 m	116
92056500	304L	8431927101679	3 m	116
92056600	304L	8431927101686	3 m	116
92056750	304L	8431927101709	3 m	116
92056900	304L	8431927101723	3 m	116
9206				
92062100	316L	8431927055576	1 un	114
92062150	316L	8431927055583	1 un	114
92062200	316L	8431927055590	1 un	114
92062300	316L	8431927055606	1 un	114
92062400	316L	8431927055613	1 un	114
92062450	316L	8431927055620	1 un	114
92062500	316L	8431927055637	1 un	114
92062600	316L	8431927055644	1 un	114
92064100	316L	8431927055798	1 un	114
92064150	316L	8431927055804	1 un	114
92064200	316L	8431927055811	1 un	114
92064300	316L	8431927055828	1 un	114
92064400	316L	8431927055835	1 un	114
92064450	316L	8431927055842	1 un	114
92064500	316L	8431927055859	1 un	114
92064600	316L	8431927055866	1 un	114
92064750	316L	8431927055880	1 un	114
92064900	316L	8431927055903	1 un	114
92065100	316L	8431927055927	1 un	116
92065150	316L	8431927055934	1 un	116

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9206				
92065200	316L	8431927055941	1 un	116
92065300	316L	8431927055958	1 un	116
92065400	316L	8431927055965	1 un	116
92065450	316L	8431927055972	1 un	116
92065500	316L	8431927055989	1 un	116
92065600	316L	8431927055996	1 un	116
92065750	316L	8431927056016	1 un	116
92065900	316L	8431927056030	1 un	116
92066100	316L	8431927101747	3 m	116
92066150	316L	8431927101754	3 m	116
92066200	316L	8431927101761	3 m	116
92066300	316L	8431927101778	3 m	116
92066400	316L	8431927101785	3 m	116
92066450	316L	8431927101792	3 m	116
92066500	316L	8431927101808	3 m	116
92066600	316L	8431927101815	3 m	116
92066750	316L	8431927101839	3 m	116
92066900	316L	8431927101853	3 m	116
9301				
93012100	PG	8431927060556	100 un	126
93012150	PG	8431927060563	100 un	126
93012200	PG	8431927060570	100 un	126
93012300	PG	8431927060587	100 un	126
93012400	PG	8431927060594	100 un	126
93012450	PG	8431927060600	100 un	126
93012500	PG	8431927060617	100 un	126
93012600	PG	8431927060624	100 un	126
93014100	PG	8431927060778	100 un	126
93014150	PG	8431927060785	100 un	126
93014200	PG	8431927060792	100 un	126
93014300	PG	8431927060808	100 un	126
93014400	PG	8431927060815	100 un	126
93014450	PG	8431927060822	100 un	126
93014500	PG	8431927060839	100 un	126
93014600	PG	8431927060846	100 un	126
93014750	PG	8431927060860	100 un	126
93014900	PG	8431927060884	100 un	126
93015100	PG	8431927060907	100 un	126
93015150	PG	8431927060914	100 un	126
93015200	PG	8431927060921	100 un	126
93015300	PG	8431927060938	100 un	126
93015400	PG	8431927060945	100 un	126
93015450	PG	8431927060952	100 un	126
93015500	PG	8431927060969	100 un	126
93015600	PG	8431927060976	100 un	126
93015750	PG	8431927060990	100 un	126
93015900	PG	8431927061010	100 un	126
93016100	PG	8431927104762	1 un	126
93016150	PG	8431927104779	1 un	126
93016200	PG	8431927104786	100 un	126
93016300	PG	8431927104793	100 un	126
93016400	PG	8431927104809	100 un	126
93016450	PG	8431927104816	100 un	126
93016500	PG	8431927104823	100 un	126
93016600	PG	8431927104830	100 un	126
93016750	PG	8431927104854	100 un	126
93016900	PG	8431927104878	100 un	126
9303				
93032100	GC	8431927047717	100 un	126
93032150	GC	8431927050342	100 un	126
93032200	GC	8431927047724	100 un	126
93032300	GC	8431927047731	100 un	126
93032400	GC	8431927047748	100 un	126
93032450	GC	8431927050359	100 un	126
93032500	GC	8431927047755	100 un	126
93032600	GC	8431927047762	100 un	126
93034100	GC	8431927047915	100 un	126
93034150	GC	8431927050366	100 un	126

Ref.	M	Cod EAN	u	
9303				
93034200	GC	8431927047922	100 un	126
93034300	GC	8431927047939	100 un	126
93034400	GC	8431927047946	100 un	126
93034450	GC	8431927050373	100 un	126
93034500	GC	8431927047953	100 un	126
93034600	GC	8431927047960	100 un	126
93034750	GC	8431927050380	100 un	126
93034900	GC	8431927047991	100 un	126
93035100	GC	8431927048011	100 un	126
93035150	GC	8431927050397	100 un	126
93035200	GC	8431927048028	100 un	126
93035300	GC	8431927048035	100 un	126
93035400	GC	8431927048042	100 un	126
93035450	GC	8431927050403	100 un	126
93035500	GC	8431927048059	100 un	126
93035600	GC	8431927048066	100 un	126
93035750	GC	8431927050410	100 un	126
93035900	GC	8431927048097	100 un	126
93036100	GC	8431927081421	100 un	126
93036150	GC	8431927081438	100 un	126
93036200	GC	8431927081445	100 un	126
93036300	GC	8431927081452	100 un	126
93036400	GC	8431927081469	100 un	126
93036450	GC	8431927081476	100 un	126
93036500	GC	8431927081483	100 un	126
93036600	GC	8431927081490	100 un	126
93036750	GC	8431927081513	100 un	126
93036900	GC	8431927081537	100 un	126
9305				
93052100	304L	8431927070012	1 un	126
93052150	304L	8431927070029	1 un	126
93052200	304L	8431927070036	1 un	126
93052300	304L	8431927070043	1 un	126
93052400	304L	8431927070050	1 un	126
93052450	304L	8431927070067	1 un	126
93052500	304L	8431927070074	1 un	126
93052600	304L	8431927070081	1 un	126
93054100	304L	8431927070234	1 un	126
93054150	304L	8431927070241	1 un	126
93054200	304L	8431927070258	1 un	126
93054300	304L	8431927070265	1 un	126
93054400	304L	8431927070272	1 un	126
93054450	304L	8431927070289	1 un	126
93054500	304L	8431927070296	1 un	126
93054600	304L	8431927070302	1 un	126
93054750	304L	8431927070326	1 un	126
93054900	304L	8431927070340	1 un	126
93055100	304L	8431927070364	1 un	126
93055150	304L	8431927070371	1 un	126
93055200	304L	8431927070388	1 un	126
93055300	304L	8431927070395	1 un	126
93055400	304L	8431927070401	1 un	126
93055450	304L	8431927070418	1 un	126
93055500	304L	8431927070425	1 un	126
93055600	304L	8431927070432	1 un	126
93055750	304L	8431927070456	1 un	126
93055900	304L	8431927070470	1 un	126
93056100	304L	8431927101877	1 un	126
93056150	304L	8431927101884	1 un	126
93056200	304L	8431927101891	1 un	126
93056300	304L	8431927101907	1 un	126
93056400	304L	8431927101914	1 un	126
93056450	304L	8431927101921	1 un	126
93056500	304L	8431927101938	1 un	126
93056600	304L	8431927101945	1 un	126
93056750	304L	8431927101969	1 un	126
93056900	304L	8431927101983	1 un	126

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Ref.	Ⓜ	Cod EAN	u	
9306				
93062100	316L	8431927061034	1 un	126
93062150	316L	8431927061041	1 un	126
93062200	316L	8431927061058	1 un	126
93062300	316L	8431927061065	1 un	126
93062400	316L	8431927061072	1 un	126
93062450	316L	8431927061089	1 un	126
93062500	316L	8431927061096	1 un	126
93062600	316L	8431927061102	1 un	126
93064100	316L	8431927061256	1 un	126
93064150	316L	8431927061263	1 un	126
93064200	316L	8431927061270	1 un	126
93064300	316L	8431927061287	1 un	126
93064400	316L	8431927061294	1 un	126
93064450	316L	8431927061300	1 un	126
93064500	316L	8431927061317	1 un	126
93064600	316L	8431927061324	1 un	126
93064750	316L	8431927061348	1 un	126
93064900	316L	8431927061362	1 un	126
93065100	316L	8431927061386	1 un	126
93065150	316L	8431927061393	1 un	126
93065200	316L	8431927061409	1 un	126
93065300	316L	8431927061416	1 un	126
93065400	316L	8431927061423	1 un	126
93065450	316L	8431927061430	1 un	126
93065500	316L	8431927061447	1 un	126
93065600	316L	8431927061454	1 un	126
93065750	316L	8431927061478	1 un	126
93065900	316L	8431927061492	1 un	126
93066100	316L	8431927102003	1 un	126
93066150	316L	8431927102010	1 un	126
93066200	316L	8431927102027	1 un	126
93066300	316L	8431927102034	1 un	126
93066400	316L	8431927102041	1 un	126
93066450	316L	8431927102058	1 un	126
93066500	316L	8431927102065	1 un	126
93066600	316L	8431927102072	1 un	126
93066750	316L	8431927102096	1 un	126
93066900	316L	8431927102119	1 un	126
9311				
93112100	PG	8431927061515	100 un	130
93112150	PG	8431927061522	100 un	130
93112200	PG	8431927061539	100 un	130
93112300	PG	8431927061546	100 un	130
93112400	PG	8431927061553	100 un	130
93112450	PG	8431927061560	100 un	130
93112500	PG	8431927061577	100 un	130
93112600	PG	8431927061584	100 un	130
93114100	PG	8431927061737	100 un	130
93114150	PG	8431927061744	100 un	130
93114200	PG	8431927061751	100 un	130
93114300	PG	8431927061768	100 un	130
93114400	PG	8431927061775	100 un	130
93114450	PG	8431927061782	100 un	130
93114500	PG	8431927061799	100 un	130
93114600	PG	8431927061805	100 un	130
93114750	PG	8431927061829	100 un	130
93114900	PG	8431927061843	100 un	130
93115100	PG	8431927061867	100 un	130
93115150	PG	8431927061874	100 un	130
93115200	PG	8431927061881	100 un	130
93115300	PG	8431927061898	100 un	130
93115400	PG	8431927061904	100 un	130
93115450	PG	8431927061911	100 un	130
93115500	PG	8431927061928	100 un	130
93115600	PG	8431927061935	100 un	130
93115750	PG	8431927061959	100 un	130
93115900	PG	8431927061973	100 un	130
93116100	PG	8431927104892	1 un	130
93116150	PG	8431927104908	1 un	130

Ref.	Ⓜ	Cod EAN	u	
9311				
93116200	PG	8431927104915	100 un	130
93116300	PG	8431927104922	100 un	130
93116400	PG	8431927104939	100 un	130
93116450	PG	8431927104946	100 un	130
93116500	PG	8431927104953	100 un	130
93116600	PG	8431927104960	100 un	130
93116750	PG	8431927104984	100 un	130
93116900	PG	8431927105004	100 un	130
9313				
93132100	GC	8431927048110	100 un	130
93132150	GC	8431927050427	100 un	130
93132200	GC	8431927048127	100 un	130
93132300	GC	8431927048134	100 un	130
93132400	GC	8431927048141	100 un	130
93132450	GC	8431927050434	100 un	130
93132500	GC	8431927048158	100 un	130
93132600	GC	8431927048165	100 un	130
93134100	GC	8431927048318	100 un	130
93134150	GC	8431927050441	100 un	130
93134200	GC	8431927048325	100 un	130
93134300	GC	8431927048332	100 un	130
93134400	GC	8431927048349	100 un	130
93134450	GC	8431927050458	100 un	130
93134500	GC	8431927048356	100 un	130
93134600	GC	8431927048363	100 un	130
93134750	GC	8431927050465	100 un	130
93134900	GC	8431927048394	100 un	130
93135100	GC	8431927048417	100 un	130
93135150	GC	8431927050472	100 un	130
93135200	GC	8431927048424	100 un	130
93135300	GC	8431927048431	100 un	130
93135400	GC	8431927048448	100 un	130
93135450	GC	8431927050489	100 un	130
93135500	GC	8431927048455	100 un	130
93135600	GC	8431927048462	100 un	130
93135750	GC	8431927050496	100 un	130
93135900	GC	8431927048493	100 un	130
93136100	GC	8431927081551	100 un	130
93136150	GC	8431927081568	100 un	130
93136200	GC	8431927081575	100 un	130
93136300	GC	8431927081582	100 un	130
93136400	GC	8431927081599	100 un	130
93136450	GC	8431927081605	100 un	130
93136500	GC	8431927081612	100 un	130
93136600	GC	8431927081629	100 un	130
93136750	GC	8431927081643	100 un	130
93136900	GC	8431927081667	100 un	130
9315				
93152100	304L	8431927073273	1 un	130
93152150	304L	8431927073280	1 un	130
93152200	304L	8431927073297	1 un	130
93152300	304L	8431927073303	1 un	130
93152400	304L	8431927073310	1 un	130
93152450	304L	8431927073327	1 un	130
93152500	304L	8431927073334	1 un	130
93152600	304L	8431927073341	1 un	130
93154100	304L	8431927073495	1 un	130
93154150	304L	8431927073501	1 un	130
93154200	304L	8431927073518	1 un	130
93154300	304L	8431927073525	1 un	130
93154400	304L	8431927073532	1 un	130
93154450	304L	8431927073549	1 un	130
93154500	304L	8431927073556	1 un	130
93154600	304L	8431927073563	1 un	130
93154750	304L	8431927073587	1 un	130
93154900	304L	8431927073600	1 un	130
93155100	304L	8431927073624	1 un	130
93155150	304L	8431927073631	1 un	130

Ref.	M	Cod EAN	u	
9315				
93155200	304L	8431927073648	1 un	130
93155300	304L	8431927073655	1 un	130
93155400	304L	8431927073662	1 un	130
93155450	304L	8431927073679	1 un	130
93155500	304L	8431927073686	1 un	130
93155600	304L	8431927073693	1 un	130
93155750	304L	8431927073716	1 un	130
93155900	304L	8431927073730	1 un	130
93156100	304L	8431927102133	1 un	130
93156150	304L	8431927102140	1 un	130
93156200	304L	8431927102157	1 un	130
93156300	304L	8431927102164	1 un	130
93156400	304L	8431927102171	1 un	130
93156450	304L	8431927102188	1 un	130
93156500	304L	8431927102195	1 un	130
93156600	304L	8431927102201	1 un	130
93156750	304L	8431927102225	1 un	130
93156900	304L	8431927102249	1 un	130
9316				
93162100	316L	8431927061997	1 un	130
93162150	316L	8431927062000	1 un	130
93162200	316L	8431927062017	1 un	130
93162300	316L	8431927062024	1 un	130
93162400	316L	8431927062031	1 un	130
93162450	316L	8431927062048	1 un	130
93162500	316L	8431927062055	1 un	130
93162600	316L	8431927062062	1 un	130
93164100	316L	8431927062215	1 un	130
93164150	316L	8431927062222	1 un	130
93164200	316L	8431927062239	1 un	130
93164300	316L	8431927062246	1 un	130
93164400	316L	8431927062253	1 un	130
93164450	316L	8431927062260	1 un	130
93164500	316L	8431927062277	1 un	130
93164600	316L	8431927062284	1 un	130
93164750	316L	8431927062307	1 un	130
93164900	316L	8431927062321	1 un	130
93165100	316L	8431927062345	1 un	130
93165150	316L	8431927062352	1 un	130
93165200	316L	8431927062369	1 un	130
93165300	316L	8431927062376	1 un	130
93165400	316L	8431927062383	1 un	130
93165450	316L	8431927062390	1 un	130
93165500	316L	8431927062406	1 un	130
93165600	316L	8431927062413	1 un	130
93165750	316L	8431927062437	1 un	130
93165900	316L	8431927062451	1 un	130
93166100	316L	8431927102263	1 un	130
93166150	316L	8431927102270	1 un	130
93166200	316L	8431927102287	1 un	130
93166300	316L	8431927102294	1 un	130
93166400	316L	8431927102300	1 un	130
93166450	316L	8431927102317	1 un	130
93166500	316L	8431927102324	1 un	130
93166600	316L	8431927102331	1 un	130
93166750	316L	8431927102355	1 un	130
93166900	316L	8431927102379	1 un	130
9321				
93212100	PG	8431927062475	100 un	132
93212150	PG	8431927062482	100 un	132
93212200	PG	8431927062499	100 un	132
93212300	PG	8431927062505	100 un	132
93212400	PG	8431927062512	100 un	132
93212450	PG	8431927062529	100 un	132
93212500	PG	8431927062536	100 un	132
93212600	PG	8431927062543	100 un	132
93214100	PG	8431927062697	100 un	132
93214150	PG	8431927062703	100 un	132

Ref.	M	Cod EAN	u	
9321				
93214200	PG	8431927062710	100 un	132
93214300	PG	8431927062727	100 un	132
93214400	PG	8431927062734	100 un	132
93214450	PG	8431927062741	100 un	132
93214500	PG	8431927062758	100 un	132
93214600	PG	8431927062765	100 un	132
93214750	PG	8431927062789	100 un	132
93214900	PG	8431927062802	100 un	132
93215100	PG	8431927062826	100 un	132
93215150	PG	8431927062833	100 un	132
93215200	PG	8431927062840	100 un	132
93215300	PG	8431927062857	100 un	132
93215400	PG	8431927062864	100 un	132
93215450	PG	8431927062871	100 un	132
93215500	PG	8431927062888	100 un	132
93215600	PG	8431927062895	100 un	132
93215750	PG	8431927062918	100 un	132
93215900	PG	8431927062932	100 un	132
93216100	PG	8431927105028	1 un	132
93216150	PG	8431927105035	1 un	132
93216200	PG	8431927105042	100 un	132
93216300	PG	8431927105059	100 un	132
93216400	PG	8431927105066	100 un	132
93216450	PG	8431927105073	100 un	132
93216500	PG	8431927105080	100 un	132
93216600	PG	8431927105097	100 un	132
93216750	PG	8431927105110	100 un	132
93216900	PG	8431927105134	100 un	132
9323				
93232100	GC	8431927048516	100 un	132
93232150	GC	8431927050502	100 un	132
93232200	GC	8431927048523	100 un	132
93232300	GC	8431927048530	100 un	132
93232400	GC	8431927048547	100 un	132
93232450	GC	8431927050519	100 un	132
93232500	GC	8431927048554	100 un	132
93232600	GC	8431927048561	100 un	132
93234100	GC	8431927048714	100 un	132
93234150	GC	8431927050526	100 un	132
93234200	GC	8431927048721	100 un	132
93234300	GC	8431927048738	100 un	132
93234400	GC	8431927048745	100 un	132
93234450	GC	8431927050533	100 un	132
93234500	GC	8431927048752	100 un	132
93234600	GC	8431927048769	100 un	132
93234750	GC	8431927050540	100 un	132
93234900	GC	8431927048790	100 un	132
93235100	GC	8431927048813	100 un	132
93235150	GC	8431927050557	100 un	132
93235200	GC	8431927048820	100 un	132
93235300	GC	8431927048837	100 un	132
93235400	GC	8431927048844	100 un	132
93235450	GC	8431927050564	100 un	132
93235500	GC	8431927048851	100 un	132
93235600	GC	8431927048868	100 un	132
93235750	GC	8431927050571	100 un	132
93235900	GC	8431927048899	100 un	132
93236100	GC	8431927081681	100 un	132
93236150	GC	8431927081698	100 un	132
93236200	GC	8431927081704	100 un	132
93236300	GC	8431927081711	100 un	132
93236400	GC	8431927081728	100 un	132
93236450	GC	8431927081735	100 un	132
93236500	GC	8431927081742	100 un	132
93236600	GC	8431927081759	100 un	132
93236750	GC	8431927081773	100 un	132
93236900	GC	8431927081797	100 un	132

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Ref.	Ⓜ	Cod EAN	u	🕮
9325				
93252100	304L	8431927074232	1 un	132
93252150	304L	8431927074249	1 un	132
93252200	304L	8431927074256	1 un	132
93252300	304L	8431927074263	1 un	132
93252400	304L	8431927074270	1 un	132
93252450	304L	8431927074287	1 un	132
93252500	304L	8431927074294	1 un	132
93252600	304L	8431927074300	1 un	132
93254100	304L	8431927074454	1 un	132
93254150	304L	8431927074461	1 un	132
93254200	304L	8431927074478	1 un	132
93254300	304L	8431927074485	1 un	132
93254400	304L	8431927074492	1 un	132
93254450	304L	8431927074508	1 un	132
93254500	304L	8431927074515	1 un	132
93254600	304L	8431927074522	1 un	132
93254750	304L	8431927074546	1 un	132
93254900	304L	8431927074560	1 un	132
93255100	304L	8431927074584	1 un	132
93255150	304L	8431927074591	1 un	132
93255200	304L	8431927074607	1 un	132
93255300	304L	8431927074614	1 un	132
93255400	304L	8431927074621	1 un	132
93255450	304L	8431927074638	1 un	132
93255500	304L	8431927074645	1 un	132
93255600	304L	8431927074652	1 un	132
93255750	304L	8431927074676	1 un	132
93255900	304L	8431927074690	1 un	132
93256100	304L	8431927102393	1 un	132
93256150	304L	8431927102409	1 un	132
93256200	304L	8431927102416	1 un	132
93256300	304L	8431927102423	1 un	132
93256400	304L	8431927102430	1 un	132
93256450	304L	8431927102447	1 un	132
93256500	304L	8431927102454	1 un	132
93256600	304L	8431927102461	1 un	132
93256750	304L	8431927102485	1 un	132
93256900	304L	8431927102508	1 un	132
9326				
93262100	316L	8431927062956	1 un	132
93262150	316L	8431927062963	1 un	132
93262200	316L	8431927062970	1 un	132
93262300	316L	8431927062987	1 un	132
93262400	316L	8431927062994	1 un	132
93262450	316L	8431927063007	1 un	132
93262500	316L	8431927063014	1 un	132
93262600	316L	8431927063021	1 un	132
93264100	316L	8431927063175	1 un	132
93264150	316L	8431927063182	1 un	132
93264200	316L	8431927063199	1 un	132
93264300	316L	8431927063205	1 un	132
93264400	316L	8431927063212	1 un	132
93264450	316L	8431927063229	1 un	132
93264500	316L	8431927063236	1 un	132
93264600	316L	8431927063243	1 un	132
93264750	316L	8431927063267	1 un	132
93264900	316L	8431927063281	1 un	132
93265100	316L	8431927063304	1 un	132
93265150	316L	8431927063311	1 un	132
93265200	316L	8431927063328	1 un	132
93265300	316L	8431927063335	1 un	132
93265400	316L	8431927063342	1 un	132
93265450	316L	8431927063359	1 un	132
93265500	316L	8431927063366	1 un	132
93265600	316L	8431927063373	1 un	132
93265750	316L	8431927063397	1 un	132
93265900	316L	8431927063410	1 un	132
93266100	316L	8431927102522	1 un	132
93266150	316L	8431927102539	1 un	132

Ref.	Ⓜ	Cod EAN	u	🕮
9326				
93266200	316L	8431927102546	1 un	132
93266300	316L	8431927102553	1 un	132
93266400	316L	8431927102560	1 un	132
93266450	316L	8431927102577	1 un	132
93266500	316L	8431927102584	1 un	132
93266600	316L	8431927102591	1 un	132
93266750	316L	8431927102614	1 un	132
93266900	316L	8431927102638	1 un	132
9343				
93432100	GC	8431927049933	100 un	136
93432150	GC	8431927050588	100 un	136
93432200	GC	8431927049940	100 un	136
93432300	GC	8431927049957	100 un	136
93432400	GC	8431927049964	100 un	136
93432450	GC	8431927050595	100 un	136
93432500	GC	8431927049971	100 un	136
93432600	GC	8431927049988	100 un	136
93434100	GC	8431927050052	100 un	136
93434150	GC	8431927050601	100 un	136
93434200	GC	8431927050069	100 un	136
93434300	GC	8431927050076	100 un	136
93434400	GC	8431927050083	100 un	136
93434450	GC	8431927050618	100 un	136
93434500	GC	8431927050090	100 un	136
93434600	GC	8431927050106	100 un	136
93435100	GC	8431927050113	100 un	136
93435150	GC	8431927050625	100 un	136
93435200	GC	8431927050120	100 un	136
93435300	GC	8431927050137	100 un	136
93435400	GC	8431927050144	100 un	136
93435450	GC	8431927050632	100 un	136
93435500	GC	8431927050151	100 un	136
93435600	GC	8431927050168	100 un	136
93436100	GC	8431927081810	100 un	136
93436150	GC	8431927081827	100 un	136
93436200	GC	8431927081834	100 un	136
93436300	GC	8431927081841	100 un	136
93436400	GC	8431927081858	100 un	136
93436450	GC	8431927081865	100 un	136
93436500	GC	8431927081872	100 un	136
93436600	GC	8431927081889	100 un	136
9345				
93454100	304L	8431927082701	1 un	136
93454150	304L	8431927082718	1 un	136
93454200	304L	8431927082725	1 un	136
93454300	304L	8431927082732	1 un	136
93454400	304L	8431927082749	1 un	136
93454450	304L	8431927082756	1 un	136
93454500	304L	8431927082763	1 un	136
93454600	304L	8431927082770	1 un	136
9346				
93464100	316L	8431927082787	1 un	136
93464150	316L	8431927082794	1 un	136
93464200	316L	8431927082800	1 un	136
93464300	316L	8431927082817	1 un	136
93464400	316L	8431927082824	1 un	136
93464450	316L	8431927082831	1 un	136
93464500	316L	8431927082848	1 un	136
93464600	316L	8431927082855	1 un	136
9351				
93512100	PG	8431927064042	100 un	134
93512150	PG	8431927064059	100 un	134
93512200	PG	8431927064066	100 un	134
93512300	PG	8431927064073	100 un	134
93512400	PG	8431927064080	100 un	134
93512450	PG	8431927064097	100 un	134
93512500	PG	8431927064103	100 un	134

Ref.		Cod EAN	u	
9351				
93512600	PG	8431927064110	100 un	134
93514100	PG	8431927064264	100 un	134
93514150	PG	8431927064271	100 un	134
93514200	PG	8431927064288	100 un	134
93514300	PG	8431927064295	100 un	134
93514400	PG	8431927064301	100 un	134
93514450	PG	8431927064318	100 un	134
93514500	PG	8431927064325	100 un	134
93514600	PG	8431927064332	100 un	134
93514750	PG	8431927064356	100 un	134
93514900	PG	8431927064370	100 un	134
93515100	PG	8431927064394	100 un	134
93515150	PG	8431927064400	100 un	134
93515200	PG	8431927064417	100 un	134
93515300	PG	8431927064424	100 un	134
93515400	PG	8431927064431	100 un	134
93515450	PG	8431927064448	100 un	134
93515500	PG	8431927064455	100 un	134
93515600	PG	8431927064462	100 un	134
93515750	PG	8431927064486	100 un	134
93515900	PG	8431927064509	100 un	134
93516100	PG	8431927105530	1 un	134
93516150	PG	8431927105547	1 un	134
93516200	PG	8431927105554	100 un	134
93516300	PG	8431927105561	100 un	134
93516400	PG	8431927105578	100 un	134
93516450	PG	8431927105585	100 un	134
93516500	PG	8431927105592	100 un	134
93516600	PG	8431927105608	100 un	134
93516750	PG	8431927105622	100 un	134
93516900	PG	8431927105646	100 un	134
9353				
93532100	GC	8431927051820	100 un	134
93532150	GC	8431927051837	100 un	134
93532200	GC	8431927051844	100 un	134
93532300	GC	8431927051851	100 un	134
93532400	GC	8431927051868	100 un	134
93532450	GC	8431927051875	100 un	134
93532500	GC	8431927051882	100 un	134
93532600	GC	8431927051899	100 un	134
93534100	GC	8431927052049	100 un	134
93534150	GC	8431927052056	100 un	134
93534200	GC	8431927052063	100 un	134
93534300	GC	8431927052070	100 un	134
93534400	GC	8431927052087	100 un	134
93534450	GC	8431927052094	100 un	134
93534500	GC	8431927052100	100 un	134
93534600	GC	8431927052117	100 un	134
93534750	GC	8431927052131	100 un	134
93534900	GC	8431927052155	100 un	134
93535100	GC	8431927052179	100 un	134
93535150	GC	8431927052186	100 un	134
93535200	GC	8431927052193	100 un	134
93535300	GC	8431927052209	100 un	134
93535400	GC	8431927052216	100 un	134
93535450	GC	8431927052223	100 un	134
93535500	GC	8431927052230	100 un	134
93535600	GC	8431927052247	100 un	134
93535750	GC	8431927052261	100 un	134
93535900	GC	8431927052285	100 un	134
93536100	GC	8431927081896	100 un	134
93536150	GC	8431927081902	100 un	134
93536200	GC	8431927081919	100 un	134
93536300	GC	8431927081926	100 un	134
93536400	GC	8431927081933	100 un	134
93536450	GC	8431927081940	100 un	134
93536500	GC	8431927081957	100 un	134
93536600	GC	8431927081964	100 un	134
93536750	GC	8431927081988	100 un	134

Ref.		Cod EAN	u	
9353				
93536900	GC	8431927082008	100 un	134
9355				
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93552150	304L	8431927075215	1 un	134
93552200	304L	8431927075222	1 un	134
93552300	304L	8431927075239	1 un	134
93552400	304L	8431927075246	1 un	134
93552450	304L	8431927075253	1 un	134
93552500	304L	8431927075260	1 un	134
93552600	304L	8431927075277	1 un	134
93554100	304L	8431927075420	1 un	134
93554150	304L	8431927075437	1 un	134
93554200	304L	8431927075444	1 un	134
93554300	304L	8431927075451	1 un	134
93554400	304L	8431927075468	1 un	134
93554450	304L	8431927075475	1 un	134
93554500	304L	8431927075482	1 un	134
93554600	304L	8431927075499	1 un	134
93554750	304L	8431927075512	1 un	134
93554900	304L	8431927075536	1 un	134
93555100	304L	8431927075550	1 un	134
93555150	304L	8431927075567	1 un	134
93555200	304L	8431927075574	1 un	134
93555300	304L	8431927075581	1 un	134
93555400	304L	8431927075598	1 un	134
93555450	304L	8431927075604	1 un	134
93555500	304L	8431927075611	1 un	134
93555600	304L	8431927075628	1 un	134
93555750	304L	8431927075642	1 un	134
93555900	304L	8431927075666	1 un	134
93556100	304L	8431927102652	1 un	134
93556150	304L	8431927102669	1 un	134
93556200	304L	8431927102676	1 un	134
93556300	304L	8431927102683	1 un	134
93556400	304L	8431927102690	1 un	134
93556450	304L	8431927102706	1 un	134
93556500	304L	8431927102713	1 un	134
93556600	304L	8431927102720	1 un	134
93556750	304L	8431927102744	1 un	134
93556900	316L	8431927102768	1 un	134
9356				
93562100	316L	8431927064523	1 un	134
93562150	316L	8431927064530	1 un	134
93562200	316L	8431927064547	1 un	134
93562300	316L	8431927064554	1 un	134
93562400	316L	8431927064561	1 un	134
93562450	316L	8431927064578	1 un	134
93562500	316L	8431927064585	1 un	134
93562600	316L	8431927064592	1 un	134
93564100	316L	8431927064745	1 un	134
93564150	316L	8431927064752	1 un	134
93564200	316L	8431927064769	1 un	134
93564300	316L	8431927064776	1 un	134
93564400	316L	8431927064783	1 un	134
93564450	316L	8431927064790	1 un	134
93564500	316L	8431927064806	1 un	134
93564600	316L	8431927064813	1 un	134
93564750	316L	8431927064837	1 un	134
93564900	316L	8431927064851	1 un	134
93565100	316L	8431927064875	1 un	134
93565150	316L	8431927064882	1 un	134
93565200	316L	8431927064899	1 un	134
93565300	316L	8431927064905	1 un	134
93565400	316L	8431927064912	1 un	134
93565450	316L	8431927064929	1 un	134
93565500	316L	8431927064936	1 un	134
93565600	316L	8431927064943	1 un	134
93565750	316L	8431927064967	1 un	134

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Ref.	Ⓜ	Cod EAN	u	
9356				
93565900	316L	8431927064981	1 un	134
93566100	316L	8431927102782	1 un	134
93566150	316L	8431927102799	1 un	134
93566200	316L	8431927102805	1 un	134
93566300	316L	8431927102812	1 un	134
93566400	316L	8431927102829	1 un	134
93566450	316L	8431927102836	1 un	134
93566500	316L	8431927102843	1 un	134
93566600	316L	8431927102850	1 un	134
93566750	316L	8431927102874	1 un	134
93566900	316L	8431927102898	1 un	134
9361				
93612100	PG	8431927065001	100 un	135
93612150	PG	8431927065018	100 un	135
93612200	PG	8431927065025	100 un	135
93612300	PG	8431927065032	100 un	135
93612400	PG	8431927065049	100 un	135
93612450	PG	8431927065056	100 un	135
93612500	PG	8431927065063	100 un	135
93612600	PG	8431927065070	100 un	135
93614100	PG	8431927065223	100 un	135
93614150	PG	8431927065230	100 un	135
93614200	PG	8431927065247	100 un	135
93614300	PG	8431927065254	100 un	135
93614400	PG	8431927065261	100 un	135
93614450	PG	8431927065278	100 un	135
93614500	PG	8431927065285	100 un	135
93614600	PG	8431927065292	100 un	135
93614750	PG	8431927065315	100 un	135
93614900	PG	8431927065339	100 un	135
93615100	PG	8431927065353	100 un	135
93615150	PG	8431927065360	100 un	135
93615200	PG	8431927065377	100 un	135
93615300	PG	8431927065384	100 un	135
93615400	PG	8431927065391	100 un	135
93615450	PG	8431927065407	100 un	135
93615500	PG	8431927065414	100 un	135
93615600	PG	8431927065421	100 un	135
93615750	PG	8431927065445	100 un	135
93615900	PG	8431927065469	100 un	135
93616100	PG	8431927105660	1 un	135
93616150	PG	8431927105677	1 un	135
93616200	PG	8431927105684	100 un	135
93616300	PG	8431927105691	100 un	135
93616400	PG	8431927105707	100 un	135
93616450	PG	8431927105714	100 un	135
93616500	PG	8431927105721	100 un	135
93616600	PG	8431927105738	100 un	135
93616750	PG	8431927105752	100 un	135
93616900	PG	8431927105776	100 un	135
9363				
93632100	GC	8431927052308	100 un	135
93632150	GC	8431927052315	100 un	135
93632200	GC	8431927052322	100 un	135
93632300	GC	8431927052339	100 un	135
93632400	GC	8431927052346	100 un	135
93632450	GC	8431927052353	100 un	135
93632500	GC	8431927052360	100 un	135
93632600	GC	8431927052377	100 un	135
93634100	GC	8431927052520	100 un	135
93634150	GC	8431927052537	100 un	135
93634200	GC	8431927052544	100 un	135
93634300	GC	8431927052551	100 un	135
93634400	GC	8431927052568	100 un	135
93634450	GC	8431927052575	100 un	135
93634500	GC	8431927052582	100 un	135
93634600	GC	8431927052599	100 un	135
93634750	GC	8431927052612	100 un	135

Ref.	Ⓜ	Cod EAN	u	
9363				
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93635100	GC	8431927052650	100 un	135
93635150	GC	8431927052667	100 un	135
93635200	GC	8431927052674	100 un	135
93635300	GC	8431927052681	100 un	135
93635400	GC	8431927052698	100 un	135
93635450	GC	8431927052704	100 un	135
93635500	GC	8431927052711	100 un	135
93635600	GC	8431927052728	100 un	135
93635750	GC	8431927052742	100 un	135
93635900	GC	8431927052766	100 un	135
93636100	GC	8431927082022	100 un	135
93636150	GC	8431927082039	100 un	135
93636200	GC	8431927082046	100 un	135
93636300	GC	8431927082053	100 un	135
93636400	GC	8431927082060	100 un	135
93636450	GC	8431927082077	100 un	135
93636500	GC	8431927082084	100 un	135
93636600	GC	8431927082091	100 un	135
93636750	GC	8431927082114	100 un	135
93636900	GC	8431927082138	100 un	135
9365				
93652100	304L	8431927076168	1 un	135
93652150	304L	8431927076175	1 un	135
93652200	304L	8431927076182	1 un	135
93652300	304L	8431927076199	1 un	135
93652400	304L	8431927076205	1 un	135
93652450	304L	8431927076212	1 un	135
93652500	304L	8431927076229	1 un	135
93652600	304L	8431927076236	1 un	135
93654100	304L	8431927076380	1 un	135
93654150	304L	8431927076397	1 un	135
93654200	304L	8431927076403	1 un	135
93654300	304L	8431927076410	1 un	135
93654400	304L	8431927076427	1 un	135
93654450	304L	8431927076434	1 un	135
93654500	304L	8431927076441	1 un	135
93654600	304L	8431927076458	1 un	135
93654750	304L	8431927076472	1 un	135
93654900	304L	8431927076496	1 un	135
93655100	304L	8431927076519	1 un	135
93655150	304L	8431927076526	1 un	135
93655200	304L	8431927076533	1 un	135
93655300	304L	8431927076540	1 un	135
93655400	304L	8431927076557	1 un	135
93655450	304L	8431927076564	1 un	135
93655500	304L	8431927076571	1 un	135
93655600	304L	8431927076588	1 un	135
93655750	304L	8431927076601	1 un	135
93655900	304L	8431927076625	1 un	135
93656100	304L	8431927102911	1 un	135
93656150	304L	8431927102928	1 un	135
93656200	304L	8431927102935	1 un	135
93656300	304L	8431927102942	1 un	135
93656400	304L	8431927102959	1 un	135
93656450	304L	8431927102966	1 un	135
93656500	304L	8431927102973	1 un	135
93656600	304L	8431927102980	1 un	135
93656750	304L	8431927103000	1 un	135
93656900	304L	8431927103024	1 un	135
9366				
93662100	316L	8431927065483	1 un	135
93662150	316L	8431927065490	1 un	135
93662200	316L	8431927065506	1 un	135
93662300	316L	8431927065513	1 un	135
93662400	316L	8431927065520	1 un	135
93662450	316L	8431927065537	1 un	135
93662500	316L	8431927065544	1 un	135

Ref.		Cod EAN	u	
9366				
93662600	316L	8431927065551	1 un	135
93664100	316L	8431927065704	1 un	135
93664150	316L	8431927065711	1 un	135
93664200	316L	8431927065728	1 un	135
93664300	316L	8431927065735	1 un	135
93664400	316L	8431927065742	1 un	135
93664450	316L	8431927065759	1 un	135
93664500	316L	8431927065766	1 un	135
93664600	316L	8431927065773	1 un	135
93664750	316L	8431927065797	1 un	135
93664900	316L	8431927065810	1 un	135
93665100	316L	8431927065834	1 un	135
93665150	316L	8431927065841	1 un	135
93665200	316L	8431927065858	1 un	135
93665300	316L	8431927065865	1 un	135
93665400	316L	8431927065872	1 un	135
93665450	316L	8431927065889	1 un	135
93665500	316L	8431927065896	1 un	135
93665600	316L	8431927065902	1 un	135
93665750	316L	8431927065926	1 un	135
93665900	316L	8431927065940	1 un	135
93666100	316L	8431927103048	1 un	135
93666150	316L	8431927103055	1 un	135
93666200	316L	8431927103062	1 un	135
93666300	316L	8431927103079	1 un	135
93666400	316L	8431927103086	1 un	135
93666450	316L	8431927103093	1 un	135
93666500	316L	8431927103109	1 un	135
93666600	316L	8431927103116	1 un	135
93666750	316L	8431927103130	1 un	135
93666900	316L	8431927103154	1 un	135
9371				
93712100	PG	8431927070494	100 un	128
93712150	PG	8431927070500	100 un	128
93712200	PG	8431927070517	100 un	128
93712300	PG	8431927070524	100 un	128
93712400	PG	8431927070531	100 un	128
93712450	PG	8431927070548	100 un	128
93712500	PG	8431927070555	100 un	128
93712600	PG	8431927070562	100 un	128
93714100	PG	8431927070715	100 un	128
93714150	PG	8431927070722	100 un	128
93714200	PG	8431927070739	100 un	128
93714300	PG	8431927070746	100 un	128
93714400	PG	8431927070753	100 un	128
93714450	PG	8431927070760	100 un	128
93714500	PG	8431927070777	100 un	128
93714600	PG	8431927070784	100 un	128
93714750	PG	8431927070807	100 un	128
93714900	PG	8431927070821	100 un	128
93715100	PG	8431927070845	100 un	128
93715150	PG	8431927070852	100 un	128
93715200	PG	8431927070869	100 un	128
93715300	PG	8431927070876	100 un	128
93715400	PG	8431927070883	100 un	128
93715450	PG	8431927070890	100 un	128
93715500	PG	8431927070906	100 un	128
93715600	PG	8431927070913	100 un	128
93715750	PG	8431927070937	100 un	128
93715900	PG	8431927070951	100 un	128
93716100	PG	8431927105790	1 un	128
93716150	PG	8431927105806	1 un	128
93716200	PG	8431927105813	100 un	128
93716300	PG	8431927105820	100 un	128
93716400	PG	8431927105837	100 un	128
93716450	PG	8431927105844	100 un	128
93716500	PG	8431927105851	100 un	128
93716600	PG	8431927105868	100 un	128
93716750	PG	8431927105882	100 un	128

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93734750	GC	8431927051806	100 un	128
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93735100	GC	8431927071705	100 un	128
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93752500	304L	8431927071897	1 un	128
93752600	304L	8431927071903	1 un	128
93754100	304L	8431927072054	1 un	128
93754150	304L	8431927072061	1 un	128
93754200	304L	8431927072078	1 un	128
93754300	304L	8431927072085	1 un	128
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93756400	304L	8431927103215	1 un	128
93756450	304L	8431927103222	1 un	128
93756500	304L	8431927103239	1 un	128
93756600	304L	8431927103246	1 un	128
93756750	304L	8431927103260	1 un	128
93756900	304L	8431927103284	1 un	128
9376				
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9391				
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93910003	EZ	8431927076656	20 un	066, 070, 118
93910012	EZ	8431927076663	8 un	070, 118
93910013	EZ	8431927076670	8 un	070, 118
93910021	PG	8431927068118	50 un	118
9393				
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93930003	LN	8431927048929	20 un	066, 070, 118
93930004	GC	8431927049193	100 un	122
93930005	GC	8431927082305	100 un	122

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9393				
93930012	LN	8431927048936	8 un	070, 118, 136
93930013	LN	8431927048943	8 un	070, 118
93930021	LN	8431927068125	50 un	118
93930022	LN	8431927093653	10 un	122
93930024	LN	8431927093677	10 un	122
93930025	LN	8431927093684	10 un	122
93930110	GC	8431927048967	100 un	124
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93930125	GC	8431927048998	100 un	124
93930132	GC	8431927049001	100 un	124
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9395				
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93950013	304L	8431927076762	8 un	070, 118
93950021	304L	8431927076779	50 bol	118
9396				
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93960003	316L	8431927076793	20 un	070, 118
93960012	316L	8431927076809	8 un	070, 072, 118
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93960021	316L	8431927068149	50 bol	118
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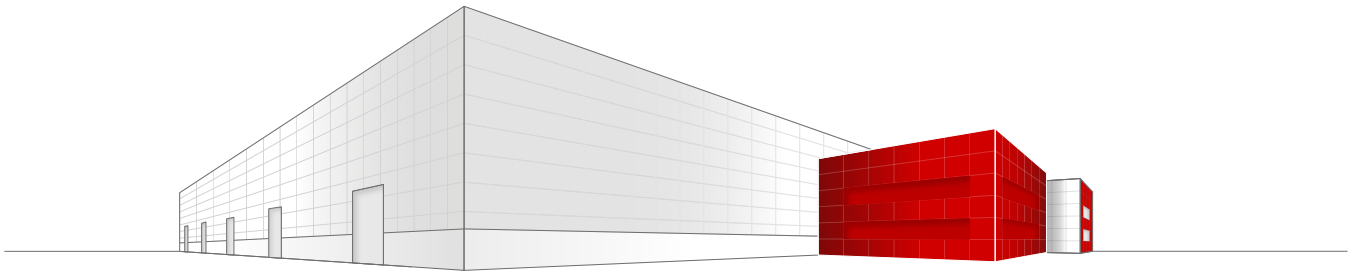
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