

Se considera un sistema de soportería tipo charola para cable a una estructura rígida y continua especialmente construida para soportar cables, tubos u otras canalizaciones, las cuales pueden ser de metal u otros materiales no combustibles.

Las charolas para cables CROSS LINE pueden usarse para soportar cables de fuerza, alumbrado, control y señalización que cuenten con aislamiento y cubierta apropiados para este tipo de instalación.

Las charolas CROSS LINE se encuentran disponibles en materiales y acabados adecuados para su instalación a la intemperie o en condiciones ambientales desfavorables.

No se permite su instalación en cubos de ascensores o en aquellos lugares donde estén expuestos a daños mecánicos severos o en áreas clasificadas de acuerdo a los artículos del 500 al 505 de la norma NOM-001 SEDE 2005, a menos que los cables estén aprobados para tal uso.

Las charolas para cables de CROSS LINE cuentan con la suficiente rigidez y resistencia mecánica para proporcionar un soporte adecuado a todo el cableado tendido dentro de ellas.

CROSS LINE cuenta con una amplia gama de charolas metálicas protegidas contra la corrosión, así como no metálicas e incluyen todos los accesorios necesarios para realizar cambios de dirección o de nivel requeridos durante la instalación.

Todas las labores de diseño y fabricación de las charolas CROSS LINE se realizan apegados a las normas tanto nacionales (NMX-J511-ANCE-2006, NOM-001 SEDE 2005) como internacionales (NEMA VE 1-2000, National Electrical Code NEC).

De esta manera el calculo de las características de un sistema de soportería , tal como ancho, alturas, radios, distancia entre travesaños, etc. Deberá apegarse al artículo 318 de la norma NOM-001 SEDE 2005 o su similar en el código NEC.

El proposito de este catalogo de soportería para cables es el de ayudar a Ingenieros, Proyectistas y Compradores en la selección del material idóneo que cumpla con las características obtenidas en los cálculos indicados en las normas.

Debido a nuestra política de mejora continua de nuestros productos, las especificaciones, dimensiones, así como toda información contenida en este catalogo podra ser modificada sin previo aviso.

A cable tray system is considered as a rigid and continuous structure made of metal or other type of non-flammable materials which are built specially to support cable, pipes or others types of electrical channels.

The CROSS LINE cable tray can be used as support of different cable type such power, lighting systems, control signal or data, the cable should have proper insulation or cover for the kind of installation.

The CROSS LINE cable tray is available in materials and finishes for outdoors or hostile environment conditions

The cable tray systems can't be installed in elevators shafts or areas exposed to mechanical damage.

The cable tray system can't be installed in hazardous locations as indicated in articles 500 to 505 of the NEC code unless use a cable approved for this areas.

The CROSS LINE cable tray system are rigid and high mechanical resistance for a proper support for all the cables contained inside.

CROSS LINE offers a wide range of cable tray as corrosion resistance metallic system as non-metallic system, both have available the necessary fitting for direction and level changes so, offers a complete installation.

All the CROSS LINE cable tray manufacturing process from design to finish are under Mexican (NMX-J511-ANCE-2006, NOM-001 SEDE 2005) as International (NEMA VE 1-2002, National Electrical Code NEC) standards.

So the calculation of cable tray parameters such as width, height, radius, distance between rungs and others, should be according with article 318 of NEC code or NOM-001 SEDE 2005 in Mexico

This cable tray system catalog is designed for help to general engineers, project engineers or buyers to right cable tray selection, for cover the requirements obtained for the standards calculations.

CROSS LINE have a "continuous best product" policy, so the dimensions, specifications and all technical information showed in this catalog can change without notice.

While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, we can not accept responsibility for inaccuracies resulting from undetected errors or omissions

We are sure that the advantages of our cable tray system will convince you that :

CARGAS SOPORTADAS

Los sistemas de soportería para cables CROSS LINE al ser diseñados y fabricados bajo la normativa nacional e internacional cumplen con las características de carga indicadas en dichas normas.

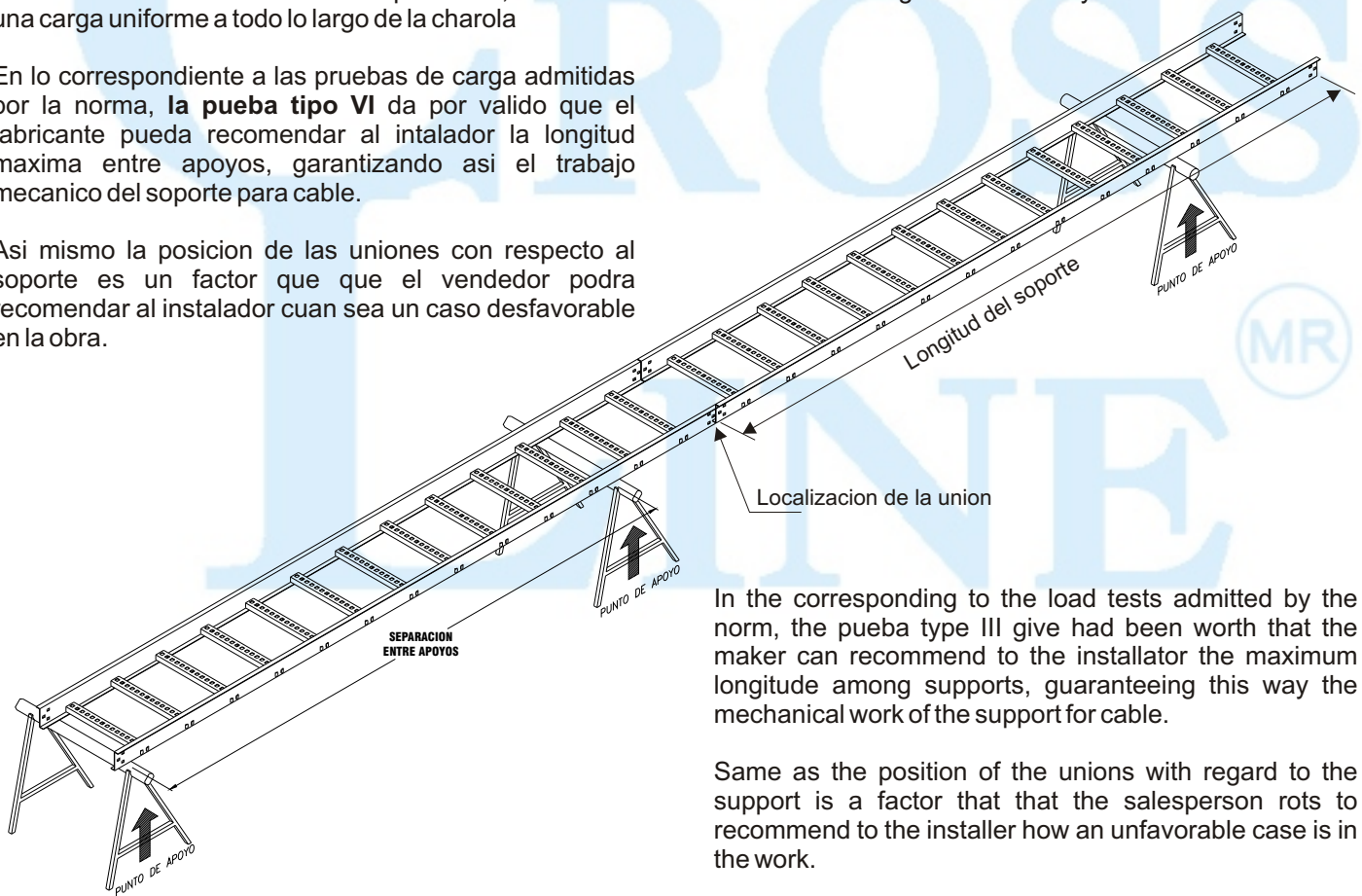
Para tal efecto en las siguientes paginas del catalogo se indicara la clasificación requerida por la norma NMX-J-511-ANCE-2006.

Esta norma indica que las cargas soportadas por los sistemas de soportería para cables (de manera principal los tramos rectos) deberán ser declaradas por el fabricante y/o vendedor.

Tomando en cuenta las pruebas declaradas en la norma. La cargas de trabajo admisibles (CTA) estan dadas en funcion del sistema de apoyo, de donde: un sistema continuo de 2 o mas charolas son probadas, colocando una carga uniforme a todo lo largo de la charola

En lo correspondiente a las pruebas de carga admitidas por la norma, **la prueba tipo VI** da por valido que el fabricante pueda recomendar al instalador la longitud maxima entre apoyos, garantizando asi el trabajo mecanico del soporte para cable.

Asi mismo la posicion de las uniones con respecto al soporte es un factor que que el vendedor podra recomendar al instalador cuan sea un caso desfavorable en la obra.



La carga de seguridad del sistema es la carga destructiva dividida entre un factor de seguridad mínimo de 1.5
Opcionalmente podrá aplicarse una carga concentrada al centro de la distancia entre apoyos, la magnitud de esta

LOAD CAPACITY

The CROSS LINE cable tray system are designed follow the concets in standards so they covers the characteristics required for those in load capacity.

For this in the next pages of this catalog is showed the clasification required for the standard NMX-J-511-ANCE-2006.

This norm indicates that the loads supported by the soportería systems for cables (in a main way the right tracts) they will be declared by the maker and/or salesperson.

Taking into account the tests declared in the norm. The acceptable work loads (CTA) they are given in function of the support system, of where: a continuous system of 2 or but cable tray is proven, placing an uniform load to all the long of the cable tray

In the corresponding to the load tests admitted by the norm, the prueba type III give had been worth that the maker can recommend to the installator the maximum longitude among supports, guaranteeing this way the mechanical work of the support for cable.

Same as the position of the unions with regard to the support is a factor that that the salesperson rots to recommend to the installer how an unfavorable case is in the work.

The working load is equivalent to the destruction load divided by a safety factor of 1.5

A concentrated static load is not included in load/span designations but if it is required for the user it should be

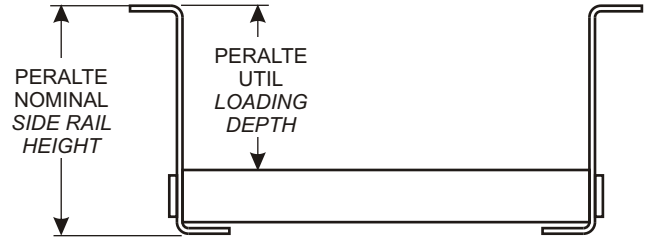
SECCION 4.1 SOPORTERIA PARA CABLES TIPO ESCALERA

SECTION 4.1 CABLE TRAY SYSTEM LADDER TYPE

SECCIONES TIPO "Z"

FORM "Z" SECTIONS

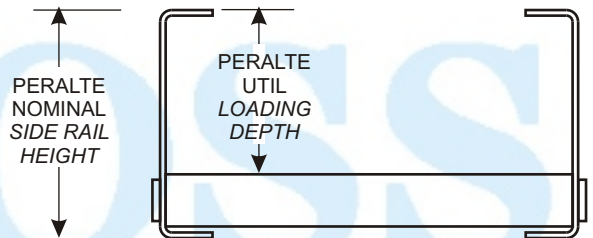
PERALTE NOMINAL SIDE RAIL HEIGHT	PERALTE UTIL LOADING DEPTH	SUBFIJO P/PERALTE RAIL HEIGHT SUFFIX	CLASE NEMA NEMA CLASS	
			ALUMINIO ALUMINUM	ACERO STEEL
82.5 (3.25)	58.1 (2.29)	1	8A	
82.5 (3.25)	56.5 (2.22)	1	12A	12B
101.6 (4)	75.6 (2.98)	2	12A	12C
101.6 (4)	75.6 (2.98)	2	12B	
114.3 (4.5)	88.3 (3.48)	3	12B	12C
127.0 (5)	101.4 (3.98)	5	12C	20A
152.4 (6)	126.4 (4.98)	6	16C	20B



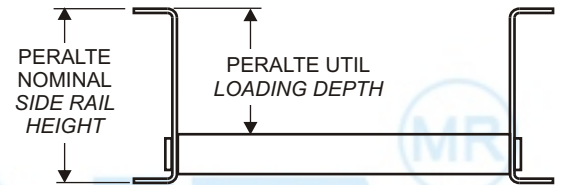
SECCIONES TIPO "C" CON CEJA HACIA ADENTRO

FORM "C" FLANGE IN SECTIONS

PERALTE NOMINAL SIDE RAIL HEIGHT	PERALTE UTIL LOADING DEPTH	SUBFIJO P/PERALTE RAIL HEIGHT SUFFIX	CLASE NEMA NEMA CLASS	
			ALUMINIO ALUMINUM	ACERO STEEL
82.5 (3.25)	56.5 (2.22)	1	12A	12B
101.6 (4)	75.6 (2.98)	2	12B	12C
152.4 (6)	126.4 (4.98)	6	16C	20B
152.4 (6)	126.4 (4.98)	6	20C	



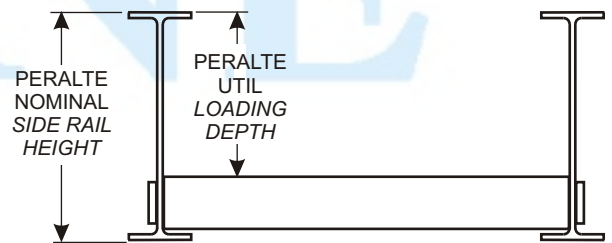
LAS CHAROLAS CON PERFIL "C" CON EL PATIN HACIA FUERA SON SOLICITADAS POR ESCRITO
THE CABLE TRAY WITH THE RAIL "C" SECTION WITH FLANGE OUT, ARE REQUESTED IN THE PURCHASE ORDER.



SECCIONES TIPO "I"

FORM "I" SECTIONS

PERALTE NOMINAL SIDE RAIL HEIGHT	PERALTE UTIL LOADING DEPTH	SUBFIJO P/PERALTE RAIL HEIGHT SUFFIX	CLASE NEMA
			ALUMINIO ALUMINUM
101.6 (4)	75.6 (2.98)	2	12A
101.6 (4)	75.6 (2.98)	2	16C
101.6 (4)	75.6 (2.98)	2	20B
152.4 (6)	126.4 (4.98)	6	12B
152.4 (6)	126.4 (4.98)	6	20C



PERFIL I SOLO EN ALUMINIO / FORM ALUMINUM ONLY

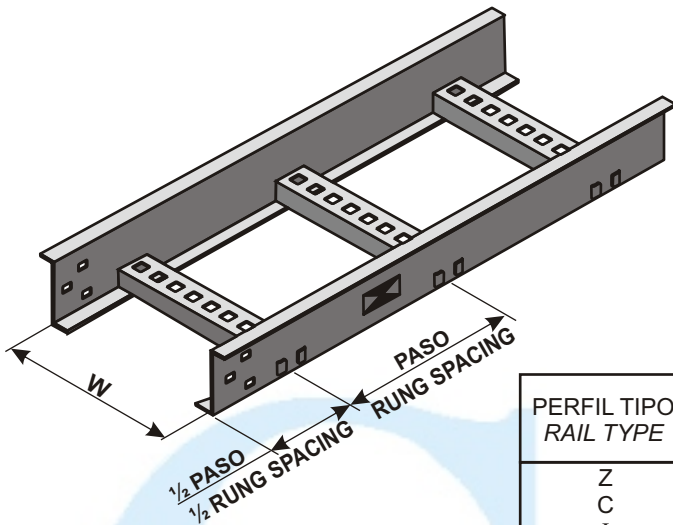
- MATERIALES Y ACABADOS DISPONIBLES:
- A: ALUMINIO ALEACION AA-6063 ACABADO NATURAL
 - GI : ACERO AL CARBONO GALVANIZADO POR INMERSION EN CALIENTE SEGUN ASTM A 123
 - GE : ACERO AL CARBONO GALVANIZADO ELECTROLITICO SEGUN ASTM B 633
 - T : ACERO AL CARBONO TROPICALIZADO
 - PVC: ACERO AL CARBONO RECUBIERTO CON PVC SEGUN NEMA RN 1
 - PVA : ALUMINIO RECUBIERTO CON PVC SEGUN NEMA RN 1
 - AI : ACERO INOXIDABLE ACABADO NATURAL

- MATERIALS & FINISHES AVAILABLE :
- A: AA-6063 NATURAL FINISHED ALUMINUM
 - GI : HOT DIP GALVANIZED STEEL UNDER ASTM A 123
 - GE : ELECTROGALVANIZED STEEL UNDER ASTM B 633
 - T : CHROMIUM-ZINC COATED STEEL
 - PVC: PVC COATED STEEL UNDER NEMA RN 1
 - PVA: PVC COATED ALUMINUM UNDER NEMA RN 1
 - AI : NATURAL FINISHED STAINLESS STEEL

PARA MATERIALES Y ACABADOS NO INDICADOS CONSULTE NUESTRO DEPARTAMENTO DE INGENIERIA
FOR MATERIALS AND FINISHES NOT SHOWN, PLEASE CONSULT OUR TECHNICAL DEPARTMENT

TRAMO RECTO

STRAIGHT SECTION



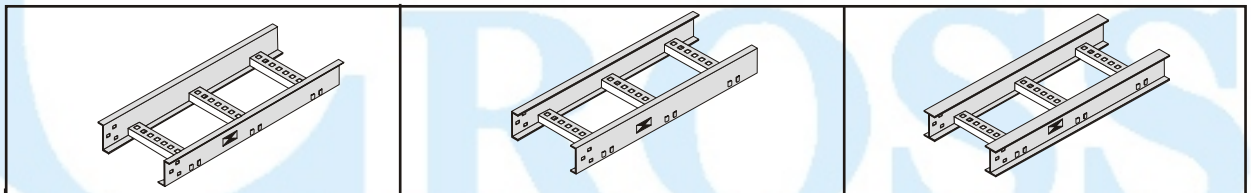
CH Z - 1209-1GI

- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- PASO RUNG SPACING
- ANCHO WIDTH
- PERFIL TIPO (VER PAGINA 51)
- RAIL TYPE (SEE PAGE 51)
- TRAMO RECTO STRAIGHT SECTION

LONGITUDES ESTANDAR EN METROS (PIES)
STANDARD LENGHT IN METERS (FEETS)

PERFIL TIPO RAIL TYPE	MATERIAL Y ACABADO VER PAGINA 60 MATERIAL AND FINISH SEE PAGE 60						
	A	GI	GE	T	PVC	PVA	AI
Z	3.66 (12)	3.66 (12)	3.05 (10)	3.05 (10)	3.05 (10)	3.05 (10)	3.05 (10)
C	3.66 (12)	3.66 (12)	3.05(10)	3.05(10)	3.05(10)	3.05(10)	3.05(10)
I	3.66 (12)					3.05(10)	

PARA LONGITUDES DIFERENTES CONSULTE NUESTRO DEPARTAMENTO DE INGENIERIA
FOR OTHER LENGHT PLEASE CONSULT OUR TECHNICAL DEPARTMENT



ANCHO W WIDTH W	PASO RUNG SPACING			PASO RUNG SPACING			PASO RUNG SPACING		
	152.4 (6)	228.6 (9)	304.8 (12)	152.4 (6)	228.6 (9)	304.8 (12)	152.4 (6)	228.6 (9)	304.8 (12)
101.6 (4)	CH-0406	CH-0409	CH-0412	CHC-0406	CHC-0409	CHC-0412	CHI-0406	CHI-0409	CHI-0412
152.4 (6)	CH-0606	CH-0609	CH-0612	CHC-0606	CHC-0609	CHC-0612	CHI-0606	CHI-0609	CHI-0612
228.9 (9)	CH-0906	CH-0909	CH-0912	CHC-0906	CHC-0909	CHC-0912	CHI-0906	CHI-0909	CHI-0912
304.8 (12)	CH-1206	CH-1209	CH-1212	CHC-1206	CHC-1209	CHC-1212	CHI-1206	CHI-1209	CHI-1212
406.4 (16)	CH-1606	CH-1609	CH-1612	CHC-1606	CHC-1609	CHC-1612	CHI-1606	CHI-1609	CHI-1612
457.2 (18)	CH-1806	CH-1809	CH-1812	CHC-1806	CHC-1809	CHC-1812	CHI-1806	CHI-1809	CHI-1812
508.0 (20)	CH-2006	CH-2009	CH-2012	CHC-2006	CHC-2009	CHC-2012	CHI-2006	CHI-2009	CHI-2012
609.6 (24)	CH-2406	CH-2409	CH-2412	CHC-2406	CHC-2409	CHC-2412	CHI-2406	CHI-2409	CHI-2412
762.0 (30)	CH-3006	CH-3009	CH-3012	CHC-3006	CHC-3009	CHC-3012	CHI-3006	CHI-3009	CHI-3012
914.4 (36)	CH-3606	CH-3609	CH-3612	CHC-3606	CHC-3609	CHC-3612	CHI-3606	CHI-3609	CHI-3612

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)
INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTOR AND HARDWARE INCLUDED

SELECCIÓN DE CHAROLA.

Para seleccionar adecuadamente una charola, deberá considerar los siguientes factores:

1) CLASE DE CHAROLA

- a) Capacidad de carga
- b) Espaciamiento entre soporte
- c) Deflexión.

2) ALTURA DE CHAROLA

- a) Diámetro de cables
- b) Capacidad de relleno de cables.

3) MATERIAL / ACABADO

- a) Medio ambiente
- b) Apariencia
- c) Costo de la instalación

4) ANCHO DE CHAROLA

- a) Diámetro de cables
- b) Capacidad de relleno de cables
- c) Requerimiento para futuras expansiones

CABLE TRAYS SELECTION

To choose adequately a cable tray on must consider the following factors:

1) CABLE TRAY TYPE

- a) Load capacity
- b) Support's spaciousness
- c) Deflection

2) CABLE TRAY'S HEIGHT

- a) Cable's diameter
- b) Cables packing capacity

3) MATERIAL / FINISH

- a) Environment
- b) Appearance
- c) Cost of installation

4) CABLE TRAY'S WIDE

- a) cable's diameters
- b) Cables packing capacity
- c) Requirements for future expansions

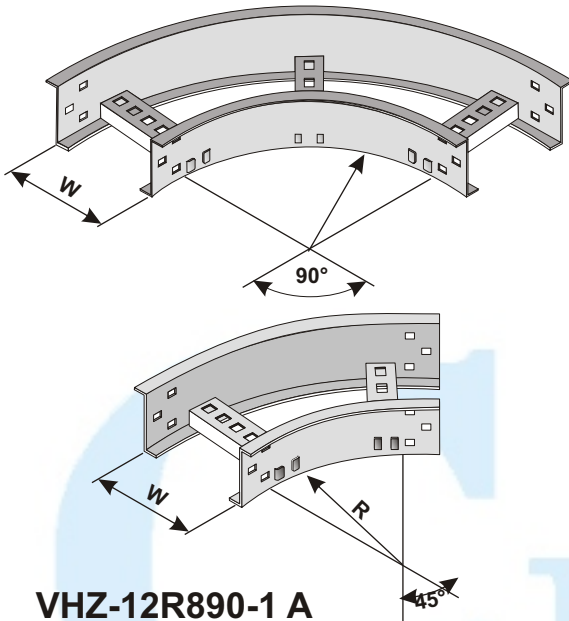
ALTURA DE CHAROLAS

CABLE TRAY HEIGHT

SUBFIJO PARA PERALTE	PERALTE NOMINAL MM (PULG.)	PERALTE UTIL MM (PULG)
1	82.5 (3 1/4")	56.5 (2.224")
2	101.6 (4")	75.6 (2.976")
3	114.3 (4 1/2")	88.3 (3.476")
5	127.0 (5")	101.0 (3.976")
6	152.4 (6")	126.4 (4.976")

CURVA HORIZONTAL A 45° Y 90°

DISEÑO RADIAL PARA PERFIL Z
RADIAL DESIGN FOR RAIL TYPE Z

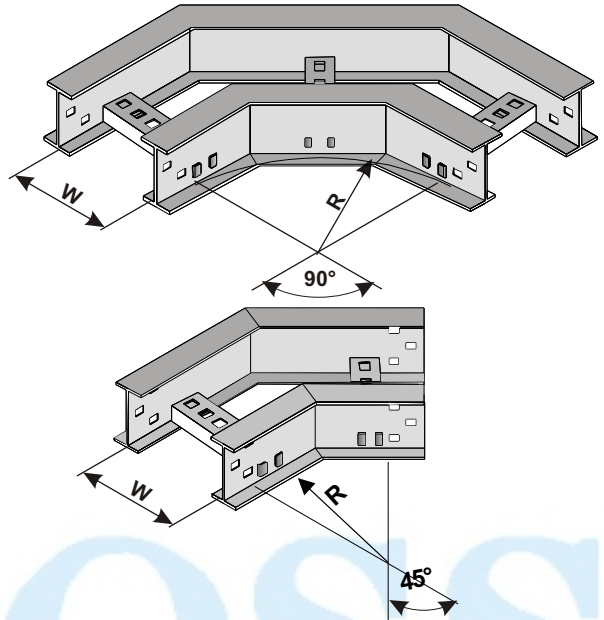


VHZ-12R890-1 A

MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
 SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
 ANGULO DE LA CURVA ANGLE BEND
 RADIO RADIUS
 ANCHO WIDTH
 PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
 CURVA HORIZONTAL HORIZONTAL BEND
 PARA CURVAS RADIALES AGREGAR LA LETRA "R" DESPUÉS DEL CODIGO, SOLO EN PERFIL "C" Y "Z".

45° & 90° HORIZONTAL BEND

DISEÑO ESTRUCTURAL PARA PERFIL "Z", "C" E "I"
SEGMENTED DESIGN FOR RAIL TYPE "Z", "C" & "I"



NUMEROS DE CATALOGO PARA CURVA A 90° 90° BEND CATALOG NUMBER

ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	VH**-04R890	VH**-04R1290	VH**-04R2490	VH**-04R3690
152.4 (6)	VH**-06R890	VH**-06R1290	VH**-06R2490	VH**-06R3690
228.9 (9)	VH**-09R890	VH**-09R1290	VH**-09R2490	VH**-09R3690
304.8 (12)	VH**-12R890	VH**-12R1290	VH**-12R2490	VH**-12R3690
406.4 (16)	VH**-16R890	VH**-16R1290	VH**-16R2490	VH**-16R3690
457.2 (18)	VH**-18R890	VH**-18R1290	VH**-18R2490	VH**-18R3690
508.0 (20)	VH**-20R890	VH**-20R1290	VH**-20R2490	VH**-20R3690
609.6 (24)	VH**-24R890	VH**-24R1290	VH**-24R2490	VH**-24R3690
762.0 (30)	VH**-30R890	VH**-30R1290	VH**-30R2490	VH**-30R3690
914.4 (36)	VH**-36R890	VH**-36R1290	VH**-36R2490	VH**-36R3690

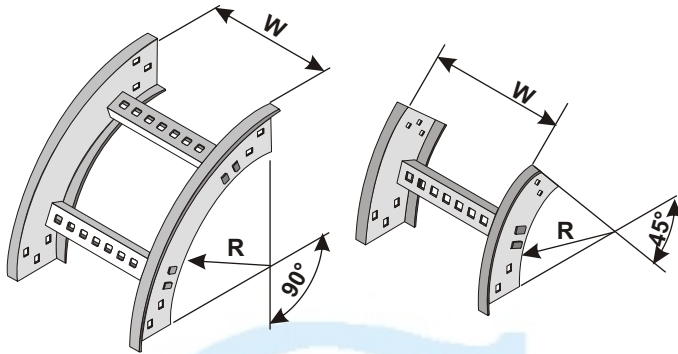
NUMEROS DE CATALOGO PARA CURVA A 45° 45° BEND CATALOG NUMBER

ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	VH**-04R845	VH**-04R1245	VH**-04R2445	VH**-04R3645
152.4 (6)	VH**-06R845	VH**-06R1245	VH**-06R2445	VH**-06R3645
228.9 (9)	VH**-09R845	VH**-09R1245	VH**-09R2445	VH**-09R3645
304.8 (12)	VH**-12R845	VH**-12R1245	VH**-12R2445	VH**-12R3645
406.4 (16)	VH**-16R845	VH**-16R1245	VH**-16R2445	VH**-16R3645
457.2 (18)	VH**-18R845	VH**-18R1245	VH**-18R2445	VH**-18R3645
508.0 (20)	VH**-20R845	VH**-20R1245	VH**-20R2445	VH**-20R3645
609.6 (24)	VH**-24R845	VH**-24R1245	VH**-24R2445	VH**-24R3645
762.0 (30)	VH**-30R845	VH**-30R1245	VH**-30R2445	VH**-30R3645
914.4 (36)	VH**-36R845	VH**-36R1245	VH**-36R2445	VH**-36R3645

INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED
 TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

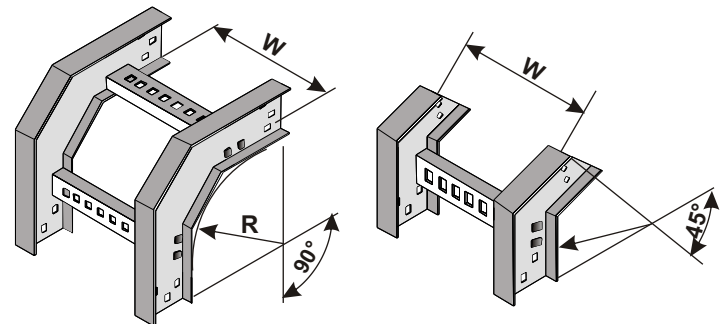
CURVA VERTICAL EXTERIOR A 45° Y 90°

DISEÑO RADIAL PARA PERFIL Z
RADIAL DESIGN FOR RAIL TYPE Z



45° & 90° OUTSIDE VERTICAL BEND

DISEÑO ESTRUCTURAL PARA PERFIL "Z", "C" E "I"
SEGMENTED DESIGN FOR RAIL TYPE "Z", "C" & "I"



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- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANGULO DE LA CURVA ANGLE BEND
- RADIO RADIUS
- ANCHO WIDTH
- PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
- CURVA VERTICAL EXTERIOR OUTSIDE VERTICAL BEND
- PARA CURVAS RADIALES AGREGAR LA LETRA "R" DESPUÉS DEL CODIGO, SOLO EN PERFIL "C" Y "Z".

NUMEROS DE CATALOGO PARA CURVA A 90° 90° BEND CATALOG NUMBER

ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	VE**-04R890	VE**-04R1290	VE**-04R2490	VE**-04R3690
152.4 (6)	VE**-06R890	VE**-06R1290	VE**-06R2490	VE**-06R3690
228.9 (9)	VE**-09R890	VE**-09R1290	VE**-09R2490	VE**-09R3690
304.8 (12)	VE**-12R890	VE**-12R1290	VE**-12R2490	VE**-12R3690
406.4 (16)	VE**-16R890	VE**-16R1290	VE**-16R2490	VE**-16R3690
457.2 (18)	VE**-18R890	VE**-18R1290	VE**-18R2490	VE**-18R3690
508.0 (20)	VE**-20R890	VE**-20R1290	VE**-20R2490	VE**-20R3690
609.6 (24)	VE**-24R890	VE**-24R1290	VE**-24R2490	VE**-24R3690
762.0 (30)	VE**-30R890	VE**-30R1290	VE**-30R2490	VE**-30R3690
914.4 (36)	VE**-36R890	VE**-36R1290	VE**-36R2490	VE**-36R3690

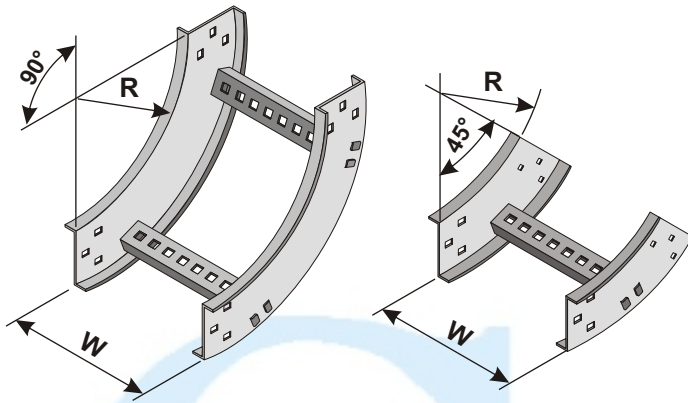
NUMEROS DE CATALOGO PARA CURVA A 45° 45° BEND CATALOG NUMBER

ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	VE**-04R845	VE**-04R1245	VE**-04R2445	VE**-04R3645
152.4 (6)	VE**-06R845	VE**-06R1245	VE**-06R2445	VE**-06R3645
228.9 (9)	VE**-09R845	VE**-09R1245	VE**-09R2445	VE**-09R3645
304.8 (12)	VE**-12R845	VE**-12R1245	VE**-12R2445	VE**-12R3645
406.4 (16)	VE**-16R845	VE**-16R1245	VE**-16R2445	VE**-16R3645
457.2 (18)	VE**-18R845	VE**-18R1245	VE**-18R2445	VE**-18R3645
508.0 (20)	VE**-20R845	VE**-20R1245	VE**-20R2445	VE**-20R3645
609.6 (24)	VE**-24R845	VE**-24R1245	VE**-24R2445	VE**-24R3645
762.0 (30)	VE**-30R845	VE**-30R1245	VE**-30R2445	VE**-30R3645
914.4 (36)	VE**-36R845	VE**-36R1245	VE**-36R2445	VE**-36R3645

INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED
TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

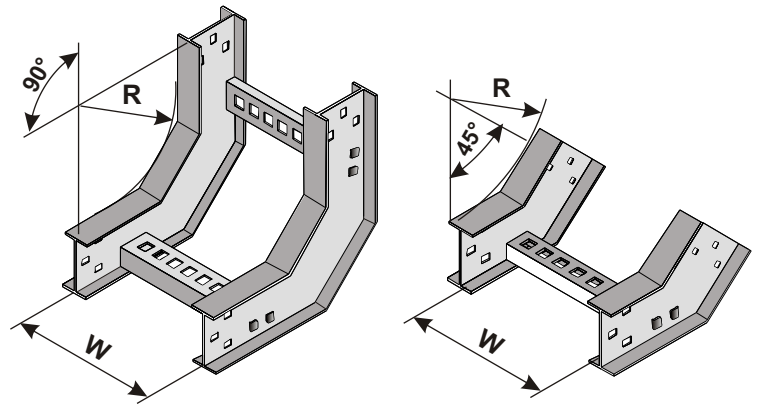
CURVA VERTICAL INTERIOR A 45° Y 90°

DISEÑO RADIAL PARA PERFIL Z
RADIAL DESIGN FOR RAIL TYPE Z



45° & 90° INSIDE VERTICAL BEND

DISEÑO ESTRUCTURAL PARA PERFIL "Z", "C" E "I"
SEGMENTED DESIGN FOR RAIL TYPE "Z", "C" & "I"



VIZ-12R890-1 A

- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANGULO DE LA CURVA ANGLE BEND
- RADIO RADIUS
- ANCHO WIDTH
- PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
- CURVA VERTICAL INTERIOR INSIDE VERTICAL BEND
- PARA CURVAS RADIALES AGREGAR LA LETRA "R" DESPUÉS DEL CODIGO, SOLO EN PERFIL "C" Y "Z".

NUMEROS DE CATALOGO PARA CURVA A 90° 90° BEND CATALOG NUMBER

ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	VI**-04R890	VI**-04R1290	VI**-04R2490	VI**-04R3690
152.4 (6)	VI**-06R890	VI**-06R1290	VI**-06R2490	VI**-06R3690
228.9 (9)	VI**-09R890	VI**-09R1290	VI**-09R2490	VI**-09R3690
304.8 (12)	VI**-12R890	VI**-12R1290	VI**-12R2490	VI**-12R3690
406.4 (16)	VI**-16R890	VI**-16R1290	VI**-16R2490	VI**-16R3690
457.2 (18)	VI**-18R890	VI**-18R1290	VI**-18R2490	VI**-18R3690
508.0 (20)	VI**-20R890	VI**-20R1290	VI**-20R2490	VI**-20R3690
609.6 (24)	VI**-24R890	VI**-24R1290	VI**-24R2490	VI**-24R3690
762.0 (30)	VI**-30R890	VI**-30R1290	VI**-30R2490	VI**-30R3690
914.4 (36)	VI**-36R890	VI**-36R1290	VI**-36R2490	VI**-36R3690

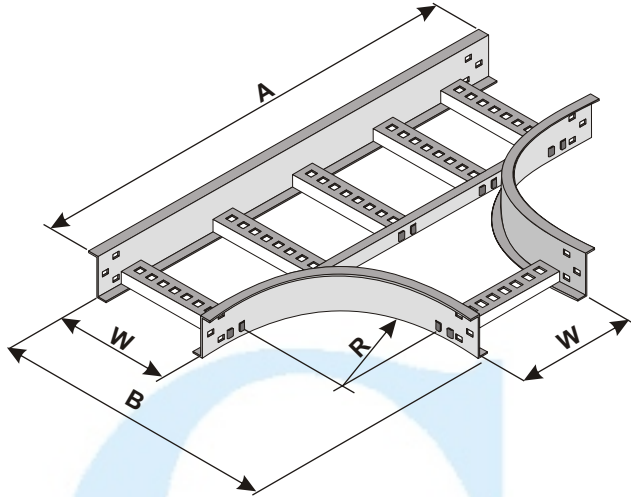
NUMEROS DE CATALOGO PARA CURVA A 45° 45° BEND CATALOG NUMBER

ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	VI**-04R845	VI**-04R1245	VI**-04R2445	VI**-04R3645
152.4 (6)	VI**-06R845	VI**-06R1245	VI**-06R2445	VI**-06R3645
228.9 (9)	VI**-09R845	VI**-09R1245	VI**-09R2445	VI**-09R3645
304.8 (12)	VI**-12R845	VI**-12R1245	VI**-12R2445	VI**-12R3645
406.4 (16)	VI**-16R845	VI**-16R1245	VI**-16R2445	VI**-16R3645
457.2 (18)	VI**-18R845	VI**-18R1245	VI**-18R2445	VI**-18R3645
508.0 (20)	VI**-20R845	VI**-20R1245	VI**-20R2445	VI**-20R3645
609.6 (24)	VI**-24R845	VI**-24R1245	VI**-24R2445	VI**-24R3645
762.0 (30)	VI**-30R845	VI**-30R1245	VI**-30R2445	VI**-30R3645
914.4 (36)	VI**-36R845	VI**-36R1245	VI**-36R2445	VI**-36R3645

INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED
TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

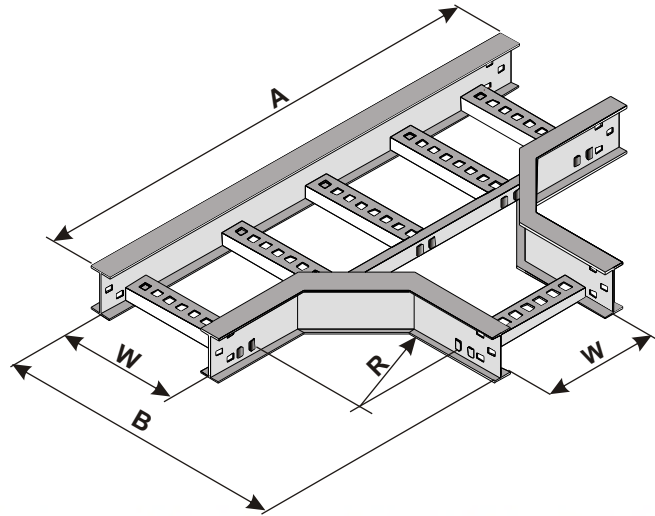
"T" HORIZONTAL

DISEÑO RADIAL PARA PERFIL Z
RADIAL DESIGN FOR RAIL TYPE Z



HORIZONTAL TEE

DISEÑO ESTRUCTURAL PARA PERFIL "Z", "C" E "I"
SEGMENTED DESIGN FOR RAIL TYPE "Z", "C" & "I"



THZ-12R8-1 A

- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- RADIO RADIUS
- ANCHO WIDTH
- PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
- "T" HORIZONTAL HORIZONTAL "T"

PARA CURVAS RADIALES AGREGAR LA LETRA "R" DESPUÉS DEL CODIGO, SOLO EN PERFIL "C" Y "Z".

ANCHO W WIDTH W	RADIO 203.2 RADIUS (8) SOLO RADIAL RADIAL ONLY			RADIO 304.8 RADIUS (12)		
	No DE CATALOGO CATALOG NUMBER	A	B	No DE CATALOGO CATALOG NUMBER	A	B
101.6 (4)	TH**-04R8	731 (28.78)	416 (16.39)	TH**-04R12	864 (34)	518 (20.39)
152.4 (6)	TH**-06R8	782 (30.78)	467 (18.39)	TH**-06R12	914 (36)	569 (22.39)
228.9 (9)	TH**-09R8	585 (23.03)	543 (21.39)	TH**-09R12	991 (39)	645 (25.39)
304.8 (12)	TH**-12R8	934 (36.78)	619 (24.39)	TH**-12R12	1137 (44.78)	721 (28.39)
406.4 (16)	TH**-16R8	1036 (40.78)	721 (28.39)	TH**-16R12	1239 (48.78)	823 (32.39)
457.2 (18)	TH**-18R8	1086 (42.78)	772 (30.39)	TH**-18R12	1290 (50.78)	873 (34.39)
508.0 (20)	TH**-20R8	1137 (44.78)	823 (32.39)	TH**-20R12	1341 (52.78)	924 (36.39)
609.6 (24)	TH**-24R8	1239 (48.78)	924 (36.39)	TH**-24R12	1442 (56.78)	1026 (40.39)
762.0 (30)	TH**-30R8	1391 (54.78)	1077 (42.39)	TH**-30R12	1595 (62.78)	1178 (46.39)
914.4 (36)	TH**-36R8	1543 (60.78)	1229 (48.39)	TH**-36R12	1747 (68.78)	1331 (52.39)

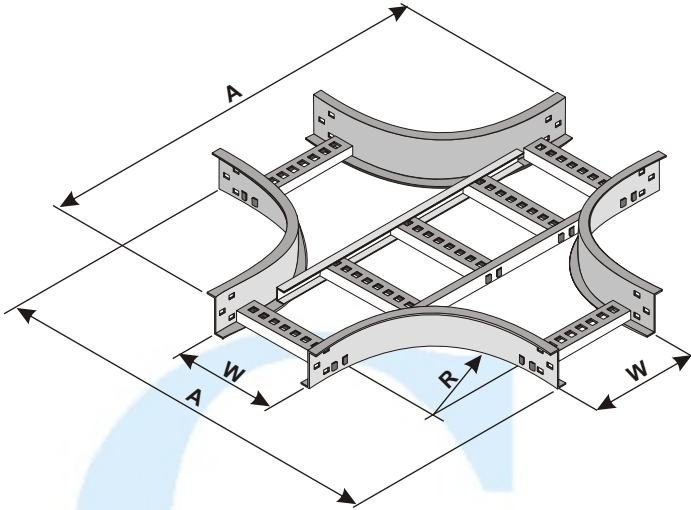
ANCHO W WIDTH W	RADIO 609.6 RADIUS (24)			RADIO 914.4 RADIUS (36)		
	No DE CATALOGO CATALOG NUMBER	A	B	No DE CATALOGO CATALOG NUMBER	A	B
101.6 (4)	TH**-04R24	1544 (60.78)	823 (32.39)	TH**-04R36	2153 (84.78)	1127 (44.39)
152.4 (6)	TH**-06R24	1595 (62.78)	873 (34.39)	TH**-06R36	2204 (86.78)	1178 (46.39)
228.9 (9)	TH**-09R24	1671 (65.78)	950 (37.39)	TH**-09R36	2280 (89.78)	1254 (49.39)
304.8 (12)	TH**-12R24	1747 (68.78)	1030 (40.39)	TH**-12R36	2357 (92.78)	1331 (52.39)
406.4 (16)	TH**-16R24	1849 (72.78)	1127 (44.39)	TH**-16R36	2458 (96.78)	1432 (56.39)
457.2 (18)	TH**-18R24	1899 (74.78)	1178 (46.39)	TH**-18R36	2509 (98.78)	1483 (58.39)
508.0 (20)	TH**-20R24	1950 (76.78)	1229 (48.39)	TH**-20R36	2560 (100.78)	1534 (60.39)
609.6 (24)	TH**-24R24	2052 (80.78)	1331 (52.39)	TH**-24R36	2661 (104.78)	1635 (64.39)
762.0 (30)	TH**-30R24	2204 (86.78)	1483 (58.39)	TH**-30R36	2814 (110.78)	1788 (70.39)
914.4 (36)	TH**-36R24	2357 (92.78)	1635 (64.39)	TH**-36R36	2966 (116.78)	1940 (76.39)

INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

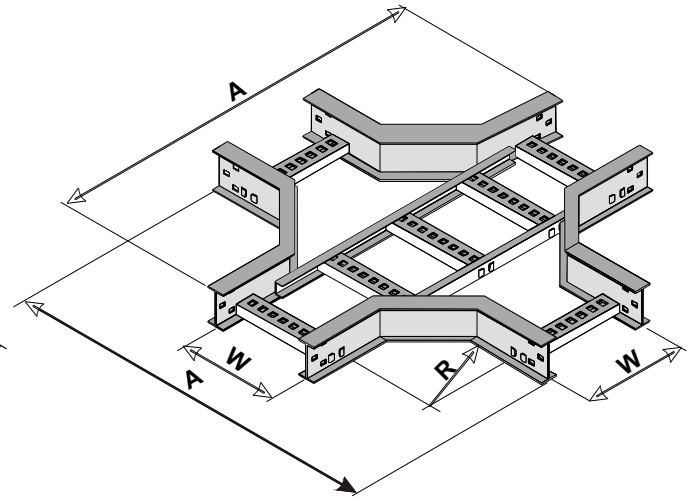
"X" HORIZONTAL

DISEÑO RADIAL PARA PERFIL Z
RADIAL DESIGN FOR RAIL TYPE Z



HORIZONTAL CROSS

DISEÑO ESTRUCTURAL PARA PERFIL "Z", "C" E "I"
SEGMENTED DESIGN FOR RAIL TYPE "Z", "C" & "I"



XHZ-12R8-1 A E

DISEÑO E = ESTRUCTURAL. EN CASO RADIAL OMITIR DESIGN E = SEGMENTED, VOID IF RADIAL
MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
RADIO RADIUS
ANCHO WIDTH
PERFIL TIPO (VER PAGINA 60) RAIL TYPE (SEE PAGE 51)
"X" HORIZONTAL HORIZONTAL CROSS

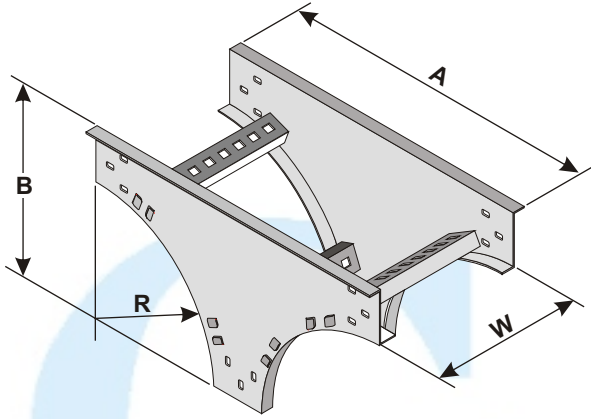
ANCHO W WIDTH W	RADIO 203.2 RADIUS (8)		RADIO 304.8 RADIUS (12)	
	No DE CATALOGO CATALOG NUMBER	A	No DE CATALOGO CATALOG NUMBER	A
101.6 (4)	XH**-04R8	731 (28.78)	XH**-04R12	864 (34)
152.4 (6)	XH**-06R8	782 (30.78)	XH**-06R12	914 (36)
228.9 (9)	XH**-09R8	585 (23.03)	XH**-09R12	991 (39)
304.8 (12)	XH**-12R8	934 (36.78)	XH**-12R12	1137 (44.78)
406.4 (16)	XH**-16R8	1036 (40.78)	XH**-16R12	1239 (48.78)
457.2 (18)	XH**-18R8	1086 (42.78)	XH**-18R12	1290 (50.78)
508.0 (20)	XH**-20R8	1137 (44.78)	XH**-20R12	1341 (52.78)
609.6 (24)	XH**-24R8	1239 (48.78)	XH**-24R12	1442 (56.78)
762.0 (30)	XH**-30R8	1391 (54.78)	XH**-30R12	1595 (62.78)
914.4 (36)	XH**-36R8	1543 (60.78)	XH**-36R12	1747 (68.78)

ANCHO W WIDTH W	RADIO 609.6 RADIUS (24)		RADIO 914.4 RADIUS (36)	
	No DE CATALOGO CATALOG NUMBER	A	No DE CATALOGO CATALOG NUMBER	A
101.6 (4)	XH**-04R24	1544 (60.78)	XH**-04R36	2153 (84.78)
152.4 (6)	XH**-06R24	1595 (62.78)	XH**-06R36	2204 (86.78)
228.9 (9)	XH**-09R24	1671 (65.78)	XH**-09R36	2280 (89.78)
304.8 (12)	XH**-12R24	1747 (68.78)	XH**-12R36	2357 (92.78)
406.4 (16)	XH**-16R24	1849 (72.78)	XH**-16R36	2458 (96.78)
457.2 (18)	XH**-18R24	1899 (74.78)	XH**-18R36	2509 (98.78)
508.0 (20)	XH**-20R24	1950 (76.78)	XH**-20R36	2560 (100.78)
609.6 (24)	XH**-24R24	2052 (80.78)	XH**-24R36	2661 (104.78)
762.0 (30)	XH**-30R24	2204 (86.78)	XH**-30R36	2814 (110.78)
914.4 (36)	XH**-36R24	2357 (92.78)	XH**-36R36	2966 (116.78)

INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED
TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

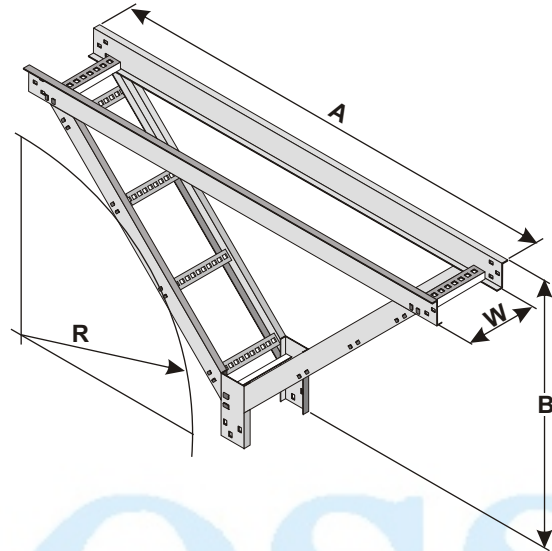
"T" VERTICAL

DISEÑO RADIAL PARA PERFIL Z,
RADIOS 203.2 Y 304.8 (8 Y 12)
RADIAL DESIGN FOR RAIL TYPE Z,
RADIUS 203.2 & 304.8 (8 & 12)

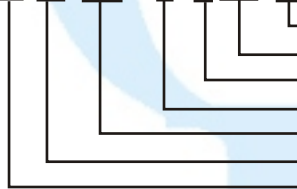


VERTICAL TEE

DISEÑO ESTRUCTURAL PARA PERFIL "Z" "C" E "I"
RADIOS 304.8, 609.6 Y 914.4 (12, 24 Y 36)
SEGMENTED DESIGN FOR RAIL TYPE "Z" "C" & "I"
RADIUS 304.8, 609.6 & 914.4 (12, 24 & 36)



TVZ-12R8-1 A E



DISEÑO E = ESTRUCTURAL, EN CASO RADIAL OMITIR DESIGN E = SEGMENTED, VOID IF RADIAL
MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
RADIO RADIUS
ANCHO WIDTH
PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
"T" VERTICAL VERTICAL "T"

NUMEROS DE CATALOGO CATALOG NUMBER

ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	TV**-04R8	TV**-04R12	TV**-04R24	TV**-04R36
152.4 (6)	TV**-06R8	TV**-06R12	TV**-06R24	TV**-06R36
228.9 (9)	TV**-09R8	TV**-09R12	TV**-09R24	TV**-09R36
304.8 (12)	TV**-12R8	TV**-12R12	TV**-12R24	TV**-12R36
406.4 (16)	TV**-16R8	TV**-16R12	TV**-16R24	TV**-16R36
457.2 (18)	TV**-18R8	TV**-18R12	TV**-18R24	TV**-18R36
508.0 (20)	TV**-20R8	TV**-20R12	TV**-20R24	TV**-20R36
609.6 (24)	TV**-24R8	TV**-24R12	TV**-24R24	TV**-24R36
762.0 (30)	TV**-30R8	TV**-30R12	TV**-30R24	TV**-30R36
914.4 (36)	TV**-36R8	TV**-36R12	TV**-36R24	TV**-36R36

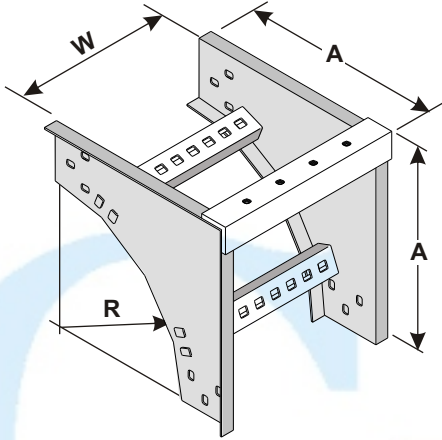
SUBFIJO P/PERALTE HEIGHT RAIL SUFFIX	RADIO RADIUS							
	203.2 (8)		304.8 (12)		609.6 (24)		914.4 (36)	
	A	B	A	B	A	B	A	B
1	489 (19.25)	286 (11.25)	692 (27.25)	387 (15.25)	1302 (51.25)	692 (27.25)	1911 (75.25)	997 (39.25)
2	508 (20)	305 (12)	711 (28)	406 (16)	1321 (52)	711 (28)	1930 (76)	1016 (40)
3	521 (20.5)	318 (12.5)	724 (28.5)	419 (16.5)	1334 (52.5)	724 (28.5)	1943 (76.5)	1029 (40.5)
5	533 (21)	330 (13)	737 (29)	432 (17)	1346 (53)	737 (29)	1956 (77)	1041 (41)
6	559 (22)	356 (14)	762 (30)	457 (18)	1372 (54)	762 (30)	1981 (78)	1067 (42)

INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

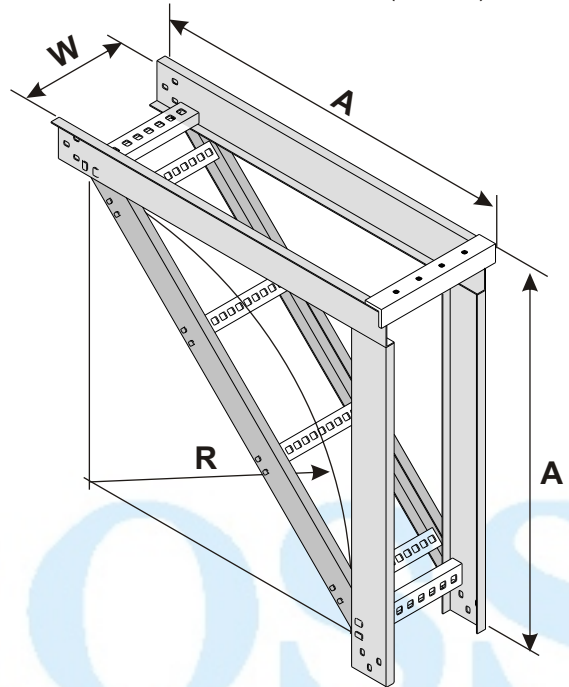
CURVA CON GANCHOS

DISEÑO RADIAL PARA PERFIL Z Y C,
RADIOS 203.2 Y 304.8 (8 Y 12)
RADIAL DESIGN FOR RAIL TYPE Z Y C,
RADIUS 203.2 & 304.8 (8 & 12)

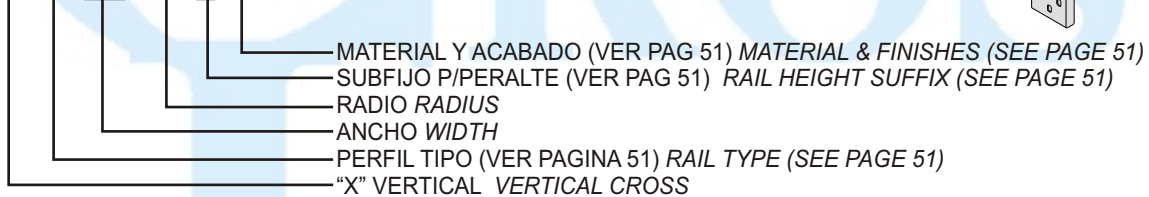


CABLE SUPPORT FITTING

DISEÑO ESTRUCTURAL PARA PERFIL "Z" "C" E "I"
RADIOS 609.6 Y 914.4 (24 Y 36)
SEGMENTED DESIGN FOR RAIL TYPE "Z" "C" & "I"
RADIUS 609.6 & 914.4 (24 & 36)



CVGZ-12R8-1 A



NUMEROS DE CATALOGO CATALOG NUMBER

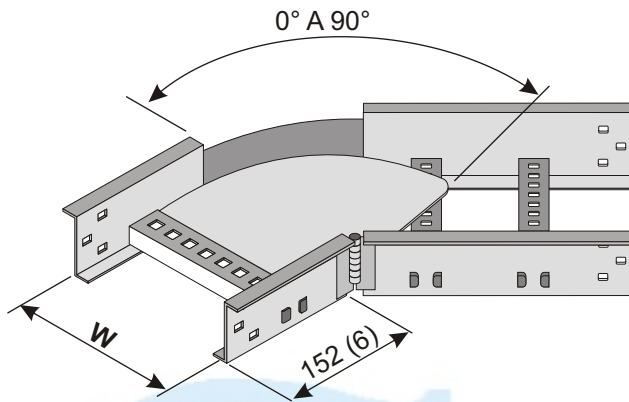
ANCHO W WIDTH W	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
101.6 (4)	CVG**-04R8	CVG**-04R12	CVG**-04R24	CVG**-04R36
152.4 (6)	CVG**-06R8	CVG**-06R12	CVG**-06R24	CVG**-06R36
228.9 (9)	CVG**-09R8	CVG**-09R12	CVG**-09R24	CVG**-09R36
304.8 (12)	CVG**-12R8	CVG**-12R12	CVG**-12R24	CVG**-12R36
406.4 (16)	CVG**-16R8	CVG**-16R12	CVG**-16R24	CVG**-16R36
457.2 (18)	CVG**-18R8	CVG**-18R12	CVG**-18R24	CVG**-18R36
508.0 (20)	CVG**-20R8	CVG**-20R12	CVG**-20R24	CVG**-20R36
609.6 (24)	CVG**-24R8	CVG**-24R12	CVG**-24R24	CVG**-24R36
762.0 (30)	CVG**-30R8	CVG**-30R12	CVG**-30R24	CVG**-30R36
914.4 (36)	CVG**-36R8	CVG**-36R12	CVG**-36R24	CVG**-36R36

DIMENSION "A" / "A" DIMENSION

SUBFIJO P/PERALTE HEIGHT RAIL SUFFIX	RADIO RADIUS			
	203.2 (8)	304.8 (12)	609.6 (24)	914.4 (36)
1	286	388	693	997
2	305	407	712	1016
3	317	419	724	1028
5	330	432	737	1041
6	355	457	762	1066

INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED
TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

CURVA HORIZONTAL AJUSTABLE



HORIZONTAL ADJUSTABLE BEND

ANCHO W WIDTH W	N° DE CATALOGO CATALOG NUMBER
101.6 (4)	CA*-04
152.4 (6)	CA*-06
228.9 (9)	CA*-09
304.8 (12)	CA*-12
406.4 (16)	CA*-16
457.2 (18)	CA*-18
508.0 (20)	CA*-20
609.6 (24)	CA*-24
762.0 (30)	CA*-30
914.4 (36)	CA*-36

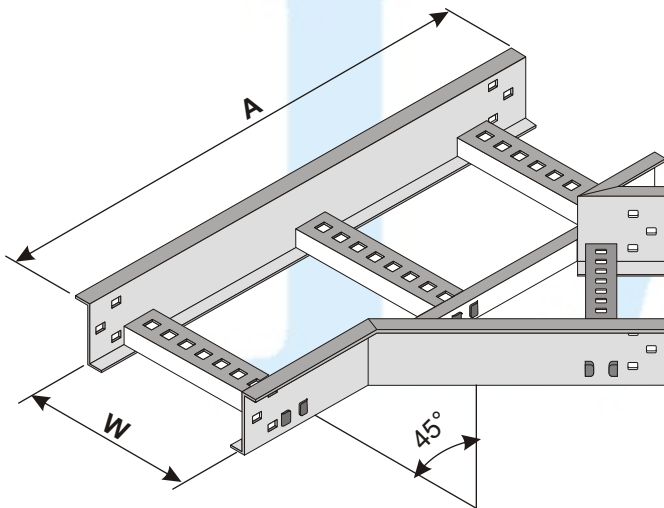
INCLUYE 2 CONECTORES Y TORNILLERIA
TWO CONNECTORS AND HARDWARE INCLUDED
NO INCLUYE CINTAS CONDUCTORAS
BONDING JUMPERS NOT INCLUDED

CAZ-12-1 A

- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANCHO WIDTH
- PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
- CURVA HORIZONTAL AJUSTABLE HORIZONTAL ADJUSTABLE BEND

DERIVACION HORIZONTAL A 45°

45° HORIZONTAL WYE



ANCHO W WIDTH W	N° DE CATALOGO CATALOG NUMBER	A
101.6 (4)	DY*-04	463 (18.2)
152.4 (6)	DY*-06	534 (21)
228.9 (9)	DY*-09	642 (25.3)
304.8 (12)	DY*-12	750 (29.5)
406.4 (16)	DY*-16	894 (35.2)
457.2 (18)	DY*-18	966 (38)
508.0 (20)	DY*-20	1037 (40.8)
609.6 (24)	DY*-24	1181 (46.5)
762.0 (30)	DY*-30	1396 (55)
914.4 (36)	DY*-36	1612 (63.5)

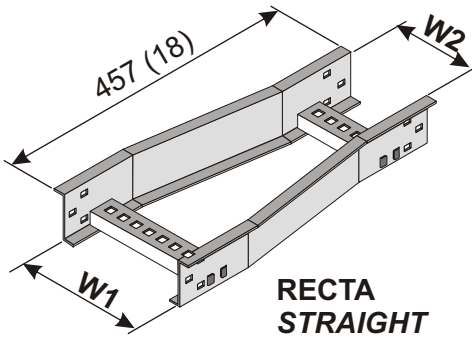
INCLUYE 2 CONECTORES Y TORNILLERIA
TWO CONNECTORS AND HARDWARE INCLUDED

DY * Z-12-1 A

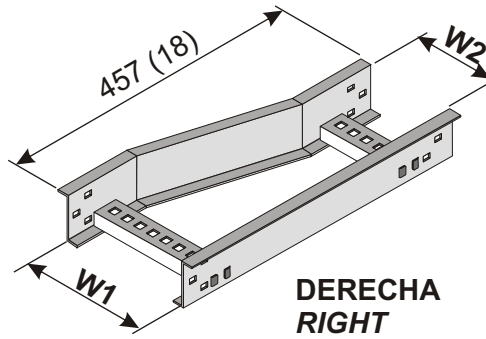
- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANCHO WIDTH
- PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
- COLOCAR "D" PARA DERECHA (RIGHT) O "I" IZQUIERDA (LEFT)
- DERIVACION HORIZONTAL A 45° 45° HORIZONTAL WYE

REDUCCIONES

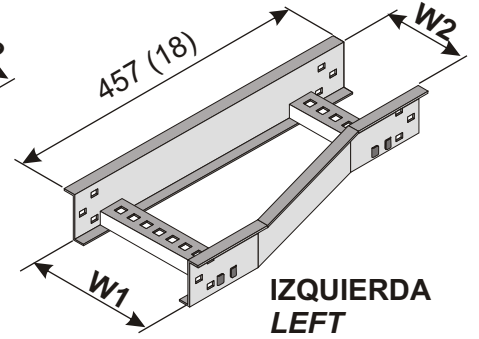
REDUCERS



**RECTA
STRAIGHT**



**DERECHA
RIGHT**



**IZQUIERDA
LEFT**

RL Z-1209-1 A

- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANCHO MENOR SMALLER WIDTH
- ANCHO MAYOR LARGER WIDTH
- PERFIL TIPO (VER PAGINA 51) RAIL TYPE (SEE PAGE 51)
- REDUCCION REDUCER
- RL = RECTA STRAIGHT
- RLD = DERECHA RIGHT
- RLI = IZQUIERDA LEFT

Nº DE CATALOGO REDUCCIONES RECTAS STRAIGHT REDUCER CATALOG NUMBER

ANCHO W1 WIDTH W1	ANCHO MENOR W2 SMALLER WIDTH W2								
	101.6 (4)	152.4 (6)	228.9 (9)	304.8 (12)	406.4 (16)	457.2 (18)	508.0 (20)	609.6 (24)	762.0 (30)
152.4 (6)	RL*-0604								
228.9 (9)	RL*-0904	RL*-0906							
304.8 (12)	RL*-1204	RL*-1206	RL*-1209						
406.4 (16)	RL*-1604	RL*-1606	RL*-1609	RL*-1612					
457.2 (18)	RL*-1804	RL*-1806	RL*-1809	RL*-1812	RL*-1816				
508.0 (20)	RL*-2004	RL*-2006	RL*-2009	RL*-2012	RL*-2016	RL*-2018			
609.6 (24)	RL*-2404	RL*-2406	RL*-2409	RL*-2412	RL*-2416	RL*-2418	RL*-2420		
762.0 (30)	RL*-3004	RL*-3006	RL*-3009	RL*-3012	RL*-3016	RL*-3018	RL*-3020	RL*-3024	
914.4 (36)	RL*-3604	RL*-3606	RL*-3609	RL*-3612	RL*-3616	RL*-3618	RL*-3620	RL*-3624	RL*-3630

Nº DE CATALOGO REDUCCIONES DERECHAS RIGHT REDUCER CATALOG NUMBER

ANCHO W1 WIDTH W1	ANCHO MENOR W2 SMALLER WIDTH W2								
	101.6 (4)	152.4 (6)	228.9 (9)	304.8 (12)	406.4 (16)	457.2 (18)	508.0 (20)	609.6 (24)	762.0 (30)
152.4 (6)	RLD*-0604								
228.9 (9)	RLD*-0904	RLD*-0906							
304.8 (12)	RLD*-1204	RLD*-1206	RLD*-1209						
406.4 (16)	RLD*-1604	RLD*-1606	RLD*-1609	RLD*-1612					
457.2 (18)	RLD*-1804	RLD*-1806	RLD*-1809	RLD*-1812	RLD*-1816				
508.0 (20)	RLD*-2004	RLD*-2006	RLD*-2009	RLD*-2012	RLD*-2016	RLD*-2018			
609.6 (24)	RLD*-2404	RLD*-2406	RLD*-2409	RLD*-2412	RLD*-2416	RLD*-2418	RLD*-2420		
762.0 (30)	RLD*-3004	RLD*-3006	RLD*-3009	RLD*-3012	RLD*-3016	RLD*-3018	RLD*-3020	RLD*-3024	
914.4 (36)	RLD*-3604	RLD*-3606	RLD*-3609	RLD*-3612	RLD*-3616	RLD*-3618	RLD*-3620	RLD*-3624	RLD*-3630

Nº DE CATALOGO REDUCCIONES IZQUIERDAS LEFT REDUCER CATALOG NUMBER

ANCHO W1 WIDTH W1	ANCHO MENOR W2 SMALLER WIDTH W2								
	101.6 (4)	152.4 (6)	228.9 (9)	304.8 (12)	406.4 (16)	457.2 (18)	508.0 (20)	609.6 (24)	762.0 (30)
152.4 (6)	RLI*-0604								
228.9 (9)	RLI*-0904	RLI*-0906							
304.8 (12)	RLI*-1204	RLI*-1206	RLI*-1209						
406.4 (16)	RLI*-1604	RLI*-1606	RLI*-1609	RLI*-1612					
457.2 (18)	RLI*-1804	RLI*-1806	RLI*-1809	RLI*-1812	RLI*-1816				
508.0 (20)	RLI*-2004	RLI*-2006	RLI*-2009	RLI*-2012	RLI*-2016	RLI*-2018			
609.6 (24)	RLI*-2404	RLI*-2406	RLI*-2409	RLI*-2412	RLI*-2416	RLI*-2418	RLI*-2420		
762.0 (30)	RLI*-3004	RLI*-3006	RLI*-3009	RLI*-3012	RLI*-3016	RLI*-3018	RLI*-3020	RLI*-3024	
914.4 (36)	RLI*-3604	RLI*-3606	RLI*-3609	RLI*-3612	RLI*-3616	RLI*-3618	RLI*-3620	RLI*-3624	RLI*-3630

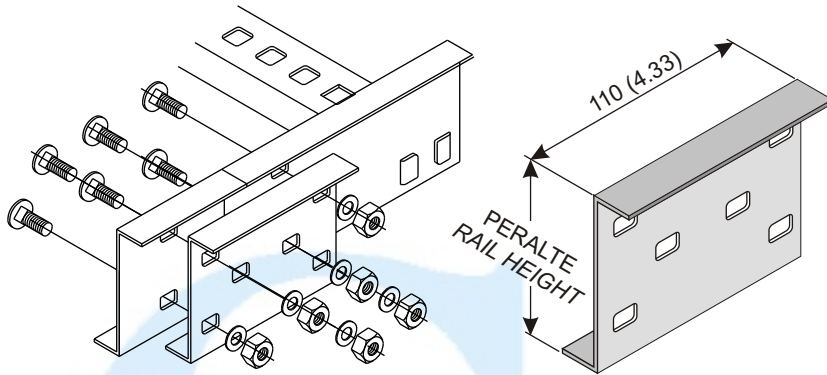
INCLUYE 2 CONECTORES Y TORNILLERIA TWO CONNECTORS AND HARDWARE INCLUDED
 TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

SECCION 4.3 ACCESORIOS DE ENSAMBLE PARA CHAROLAS TIPO ESCALERA Y FONDO SOLIDO

SECTION 4.1 ASSAMBLY FITTING FOR CABLE TRAY SYSTEM LADDER AND SOLID BOTTOM TYPE

CONECTOR TIPO "Z"

FORM "Z" SPLICE PLATE



AZ-1 A

- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- CONECTOR TIPO Z FORM Z CONNECTOR

APLICABLE SOLO PARA PRODUCTOS PERFIL TIPO Z
USE ONLY WITH PRODUCTS Z RAIL SIDE FORM

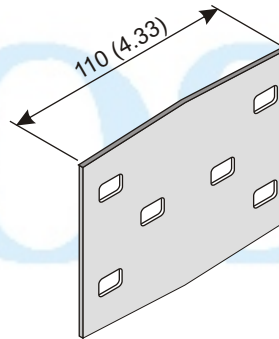
TORNILLERIA INCLUIDA
HARDWARE INCLUDED

CONECTOR RECTO

STRAIGHT SPLICE PLATE

AR-1 A

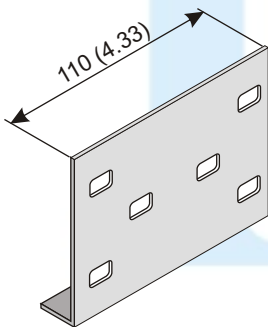
- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- CONECTOR RECTO STRAIGHT CONNECTOR



TORNILLERIA INCLUIDA
HARDWARE INCLUDED

CONECTOR FORMA L

FORM "L" SPLICE PLATE



AL-1 A

- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- CONECTOR FORMA L FORM L CONNECTOR

TORNILLERIA INCLUIDA
HARDWARE INCLUDED

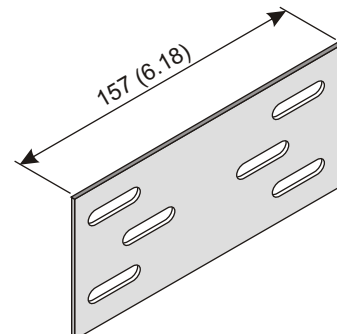
CONECTOR DE EXPANSION

EXPANSION CONNECTOR

AE-1 A

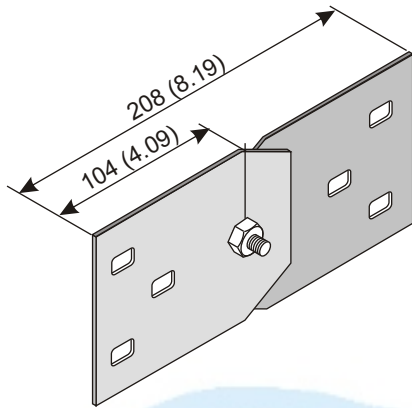
- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- CONECTOR DE EXPANSION EXPANSION CONNECTOR

PARA UNA EXPANSION DE 25.4mm (1") FOR AN EXPANSION OF 25.4 mm (1")
NO INCLUYE CINTAS CONDUCTORAS BONDING JUMPERS NOT INCLUDED
TORNILLERIA INCLUIDA HARDWARE INCLUDED



TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

ELEVADOR AJUSTABLE



EA-1 A

- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ELEVADOR AJUSTABLE VERTICAL ADJUSTABLE CONNECTOR

NO INCLUYE CINTAS CONDUCTORAS BONDING JUMPERS NOT INCLUDED
 TORNILLERIA INCLUIDA HARDWARE INCLUDED

VERTICAL ADJUSTABLE CONNECTOR

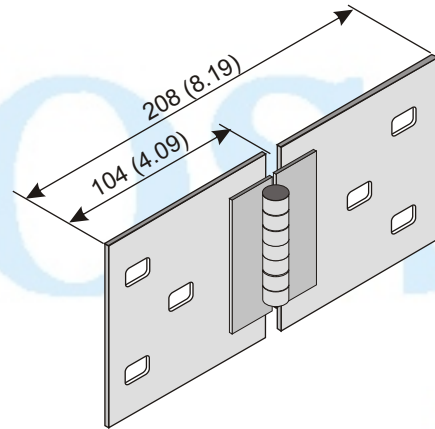
CONECTOR HORIZONTAL AJUSTABLE

AH-1 A

- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- CONECTOR HORIZONTAL AJUSTABLE
- HORIZONTAL ADJUSTABLE CONNECTOR

NO INCLUYE CINTAS CONDUCTORAS BONDING JUMPERS NOT INCLUDED
 TORNILLERIA INCLUIDA HARDWARE INCLUDED

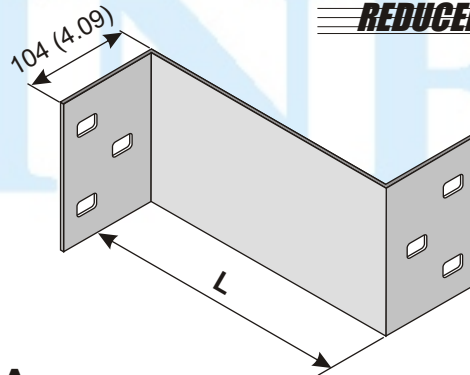
HORIZONTAL ADJUSTABLE CONNECTOR



CONECTOR REDUCTOR

TORNILLERIA INCLUIDA
 HARDWARE INCLUDED

No. CAT	L MM (PULG)
ARR-1	76.2 (3 ")
ARR-2	152.4 (6 ")
ARR-3	228.6 (9 ")
ARR-4	304.8 (12 ")
ARR-5	381.0 (15 ")
ARR-6	457.2 (18 ")
ARR-7	609.6 (24 ")
ARR-8	762.0 (30 ")



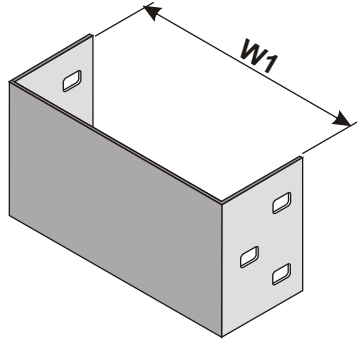
ARR - 3 - 1 A

- MATERIAL Y ACABADO (VER PAG 51)
- MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
- RAIL HEIGHT SUFFIX (SEE PAGE 51)
- DIFERENCIA DE ANCHOS VER NOTA 1
- WIDTH DIFERENCE SEE NOTE 1
- CONECTOR REDUCTOR REDUCER CONNECTOR

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

TAPA TERMINAL

BLIND END



ANCHO DE CHAROLA TRAY WIDTH	W 1
101.6 (4)	106(4.19)
152.4 (6)	157 (6.19)
228.9 (9)	233 (6.19)
304.8 (12)	309 (12.19)
406.4 (16)	411 (16.19)
457.2 (18)	462 (18.19)
508.0 (20)	513 (20.19)
609.6 (24)	614 (24.19)
762.0 (30)	767 (30.19)
914.4 (36)	919 (36.19)

PTR-09-1 A

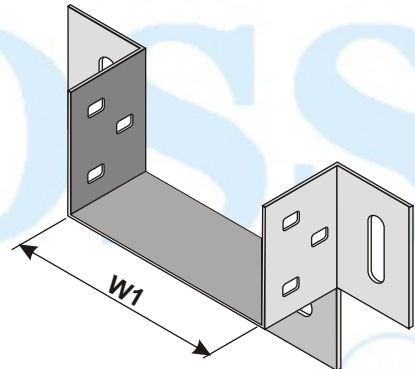
TORNILLERIA INCLUIDA
HARDWARE INCLUDED

- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANCHO DE LA CHAROLA CABLE TRAY WIDTH
- TAPA TERMINAL BLIND END

CONECTOR DE CHAROLA A CAJA

FRAME TYPE BOX CONNECTOR

ANCHO DE CHAROLA TRAY WIDTH	W 1
101.6 (4)	106(4.19)
152.4 (6)	157 (6.19)
228.9 (9)	233 (6.19)
304.8 (12)	309 (12.19)
406.4 (16)	411 (16.19)
457.2 (18)	462 (18.19)
508.0 (20)	513 (20.19)
609.6 (24)	614 (24.19)
762.0 (30)	767 (30.19)
914.4 (36)	919 (36.19)



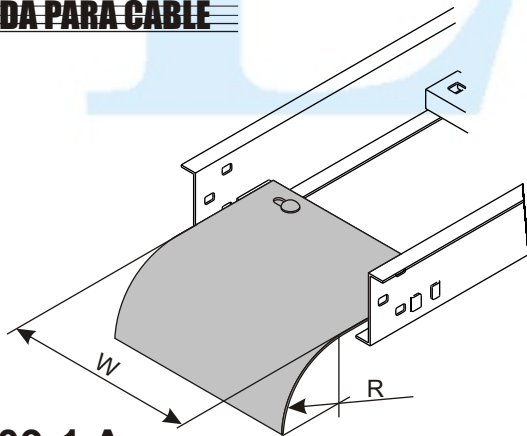
TORNILLERIA INCLUIDA
HARDWARE INCLUDED

ACC-09-1 A

- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANCHO DE LA CHAROLA CABLE TRAY WIDTH
- CONECTOR CHAROLA A CAJA FRAME TYPE BOX CONNECTOR

BAJADA PARA CABLE

DROP-OUT



ANCHO DE CHAROLA TRAY WIDTH	RADIO 50.8 (2) RADIUS 50.8 (2)	RADIO 127 (5) RADIUS 127 (5)
101.6 (4)	BC-204	BC-504
152.4 (6)	BC-206	BC-506
228.9 (9)	BC-209	BC-509
304.8 (12)	BC-212	BC-512
406.4 (16)	BC-216	BC-516
457.2 (18)	BC-218	BC-518
508.0 (20)	BC-220	BC-520
609.6 (24)	BC-224	BC-524
762.0 (30)	BC-230	BC-530
914.4 (36)	BC-236	BC-536

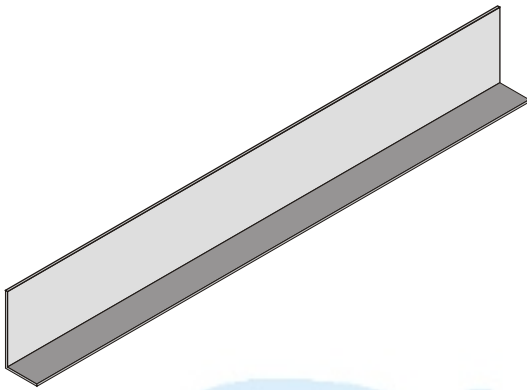
BC-509-1 A

TORNILLERIA NO INCLUIDA
HARDWARE NOT INCLUDED

- MATERIAL Y ACABADO (VER PAG 51) MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51) RAIL HEIGHT SUFFIX (SEE PAGE 51)
- ANCHO DE LA CHAROLA CABLE TRAY WIDTH
- RADIO DE LA BAJADA DROP-OUT RADIUS
- BAJADA PARA CABLES DROP-OUT

BARRERAS SEPARADORAS TRAMO RECTO

STRAIGHT DIVIDER STRIP



BSCH-3.05-1 A

- MATERIAL Y ACABADO (VER PAG51)
MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
RAIL HEIGHT SUFFIX (SEE PAGE 51)
- LONGITUD DE LA CHAROLA EN METROS
(DISPONIBLE EN 3.05m Y 3.66m)
CABLE TRAY LENGTH IN METERS
(AVAILABLE IN 3.05m AND 3.66m)
- BARRERA SEPARADORA PARA TRAMO RECTO
STRAIGHT DIVIDER STRIP

INCLUYE 5 CLEMAS CLAMP-112 CON TORNILLERIA
FIVE HOLD DOWN CLAMP-112 AND HARDWARE INCLUDED

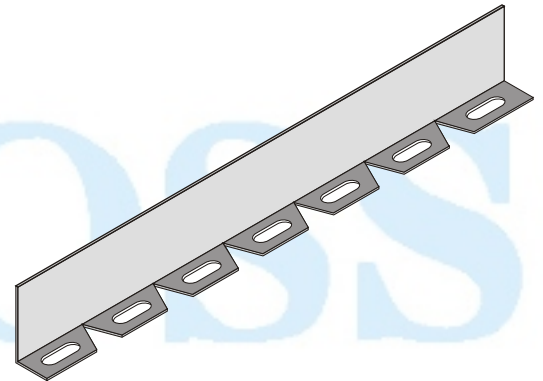
BARRERAS SEPARADORAS CURVAS HORIZONTALES

HORIZONTAL FITTINGS DIVIDER STRIP

BSVH-72-1 A

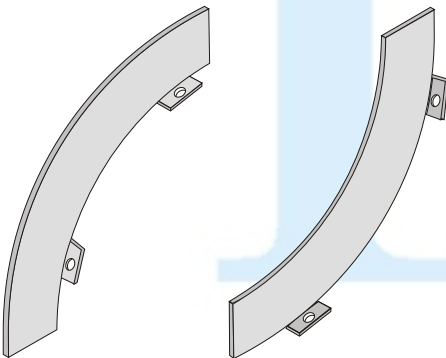
- MATERIAL Y ACABADO (VER PAG 51)
MATERIAL & FINISHES (SEE PAGE 51)
- SUBFIJO P/PERALTE (VER PAG 51)
RAIL HEIGHT SUFFIX (SEE PAGE 51)
- LONGITUD DE LA BARRERA EN PULGADAS
(DISPONIBLE EN 48" Y 72")
DIVIDER STRIP LENGTH IN INCHES
(AVAILABLE IN 48" AND 72")
- BARRERA SEPARADORA PARA CURVA HORIZONTAL
HORIZONTAL FITTING DIVIDER STRIP

INCLUYE 3 CLEMAS CLAMP-112 CON TORNILLERIA
THREE HOLD DOWN CLAMP-112 AND HARDWARE INCLUDED



BARRERAS SEPARADORAS CURVAS VERTICALES

VERTICAL FITTINGS DIVIDER STRIP



BSVEC-04R08901 A

- No DE CATALOGO DE LA PIEZA A LA QUE SE COLOCARA LA BARRERA.
CATALOG NUMBER OF THE VERTICAL FITTING
- BARRERA SEPARADORA PARA CURVA VERTICAL
VERTICAL FITTING DIVIDER STRIP

INCLUYE CLEMAS CLAMP-112 CON TORNILLERIA
HOLD DOWN CLAMP-112 AND HARDWARE INCLUDED

CINTAS CONDUCTORAS

BONDING JUMPERS

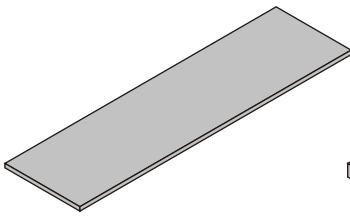
PARA SU SELECCION Y APLICACION CONSULTE NOM-001-SEDE-1999 ARTICULOS 318-6A Y 318-7, ADEMAS DE NEMA VE-2
FOR APPLICATION AND SELECTION, SEE NEC CODE 318-6A & 318-7, ALSO NEMA VE-2

No DE CATALOGO CATALOG NUMBER	CAPACIDAD CAPACITY	
CC-99NI	600 AMP. MAX.	
CC-9940	1600 AMP. MAX	

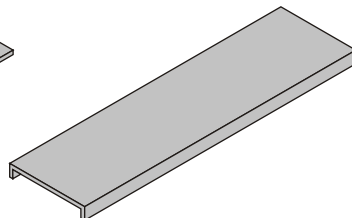
TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

TAPAS PARA TRAMO RECTO

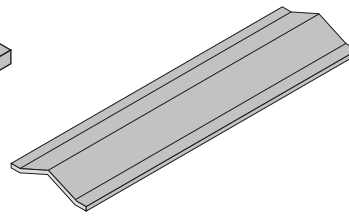
STRAIGHT COVERS



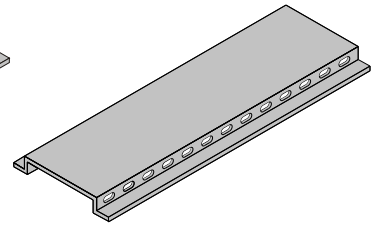
TAPA RECTA TIPO "TR"
FLAT COVER "TR" TYPE



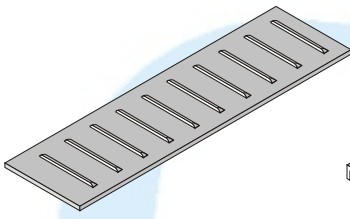
TAPA CON CEJA TIPO "TRC"
FLANGED COVER "TRC" TYPE



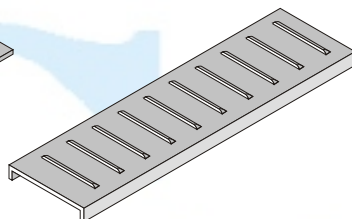
TAPA A DOS AGUAS TIPO "TA"
PEAKED COVER "TA" TYPE



TAPA SOMBRERO TIPO "TSS"
DOMED COVER "TSS" TYPE



TAPA RECTA CON VENTILACION TIPO "TRV"
FLAT VENTED COVER "TRV" TYPE



TAPA CON CEJA CON VENTILACION TIPO "TRCV"
FLANGED AND VENTED COVER "TRCV" TYPE

LAS TAPAS SE SURTEN EN JUEGOS DE 3 TAPAS DE 1219 mm (4 FT) E INCLUYEN 12 CLIPS DE SUJECION

PARA OTRAS LONGITUDES CONSULTE NUESTRO DEPARTAMENTO DE INGENIERIA

THE COVER IS SUPPLIED IN SET OF 3 COVERS OF 1219 mm (4 FT) 12 COVER CLAMPS ARE INCLUDED

FOR OTHER LENGHTS PLEASE CONSULT OUR TECHNICAL DEPARTMENT

LAS TAPAS PARA ACCESORIOS SOLO SE FABRICAN EN TIPO RECTO E INCLUYEN CLIPS NECESARIOS.

ONLY FLAT TYPE IS SUPPLIED FOR FITTING COVERS AND COVER CLAMP NEEDED ARE INCLUDED

TRCV-CHCB-12-1A

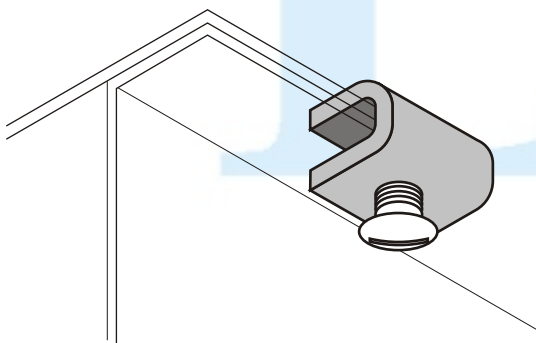
No DE CATALOGO DE LA PIEZA A CUBRIR CATALOG NUMBER OF THE PRODUCT FOR COVER TIPO DE TAPA COVER TYPE

CLIPS DE SUJECION PARA TAPAS

COVER CLAMPS

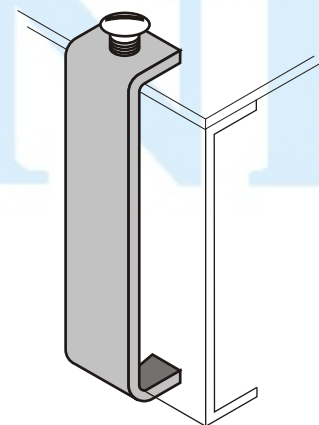
PARA CHAROLAS PERFILES TIPO "Z", "CA", "CC", E "I"
FOR PRODUCTS WITH RAIL TYPE "Z", "CA", "CC", & "I"

PARA CHAROLAS PERFILES TIPO "C"
FOR PRODUCTS WITH RAIL TYPE "C"



CST-14-GI

MATERIAL Y ACABADO (VER PAG 51)
MATERIAL & FINISHES (SEE PAGE 51)
CLIP NORMAL STANDARD CLAMP



CSTSC-14-1GI

MATERIAL Y ACABADO (VER PAG 51)
MATERIAL & FINISHES (SEE PAGE 51)
SUBFIJO P/PERALTE (VER PAG 51)
RAIL HEIGHT SUFFIX (SEE PAGE 51)
CLIP LARGO LARGE CLAMP

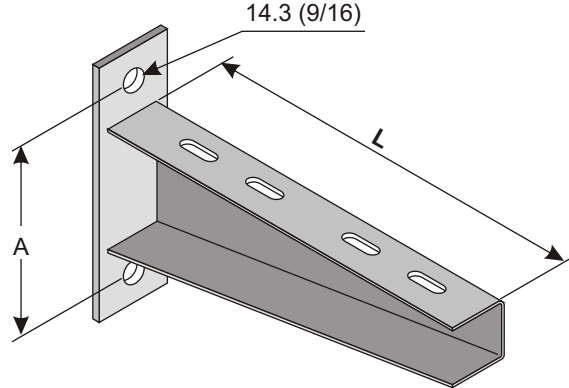
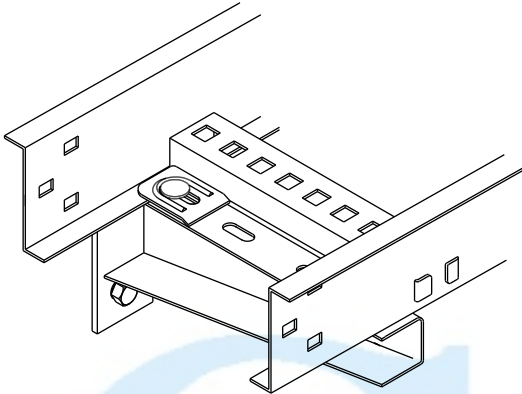
TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

SECCION 4.4 ACCESORIOS DE MONTAJE

SECCION 4.4 SUPPORTS AND BRACKETS

MENSULA PARA MONTAJE EN PARED

WALL CANTILEVER BRACKET



NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

MPPI-09-GI

- MATERIAL Y ACABADO MATERIAL & FINISHES
- ANCHO DE LA CHAROLA CABLE TRAY WIDTH
- COLOCAR ESTE DIGITO PARA CHAROLAS CON PERFIL TIPO "C" HACIA FUERA, E "I"
- USE THIS LETTER FOR TRAYS WITH RAIL TYPE "C" FLANGE OUT & "I"
- MENSULA PARA PARED WALL SUPPORTED BRACKET

ANCHO DE CHAROLA TRAY WIDTH	A	PARA PERFIL TIPO Z, C, I (ligero) (VER PAGINA 60) FOR RAIL TYPE Z, C, I (SEE PAGE 60)		PARA PERFIL TIPO "C" HACIA FUERA, E "I" (pesado) (VER PAGINA 60) FOR RAIL TYPE "C" FLANGE OUT & "I" (SEE PAGE 60)		CARGA SOPORTADA LOAD CAPACITY
		No DE CATALOGO CATALOG NUMBER	L	No DE CATALOGO CATALOG NUMBER	L	
101.6 (4)	120 (4.75)	MPP-04	127 (5)	MPPI-04	152 (6)	705 kg (1550 lb)
152.4 (6)		MPP-06	178 (7)	MPPI-06	203 (8)	665 kg (1460 lb)
228.9 (9)		MPP-09	254 (10)	MPPI-09	279 (11)	645 kg (1420 lb)
304.8 (12)		MPP-12	330 (13)	MPPI-12	356 (14)	550 kg (1215 lb)
406.4 (16)	158 (6.22)	MPP-16	432 (17)	MPPI-16	457 (18)	505 kg (1115 lb)
457.2 (18)		MPP-18	483 (19)	MPPI-18	508 (20)	450 kg (990 lb)
508.0 (20)		MPP-20	533 (21)	MPPI-20	559 (22)	385 kg (850 lb)
609.6 (24)		MPP-24	635 (25)	MPPI-24	660 (26)	325 kg (717 lb)
762.0 (30)		MPP-30	787 (31)	MPPI-30	813 (32)	275 kg (607 lb)
914.4 (36)		MPP-36	940 (37)	MPPI-36	965 (38)	225 kg (496 lb)

LA CARGA SOPORTADA MUESTRA LA CAPACIDAD DE LA MENSULA, CROSS LINE NO SE HACE RESPONSABLE DE FALLAS ATRIBUIBLES A LOS SISTEMAS DE ANCLAJE O EL SUSTRATO DE APOYO.
THE LOAD SHOWN INDICATE THE BRACKET LOAD CAPACITY, CROSS LINE IS NOT RESPONSABLE FOR FAILURES CAUSED BY THE ANCHORING SYSTEM OR FOR THE WALLS MATERIALS

LAS CARGAS SOPORTADAS ESTAN BASADAS EN UN FACTOR DE SEGURIDAD DE 2.5
THE LOAD CAPACITY ARE WITH A SECURITY FACTOR OF 2.5

MATERIALES Y ACABADOS DISPONIBLES:

MATERIALS & FINISHES AVAILABLE :

- GI** : ACERO AL CARBONO GALVANIZADO POR INMERSION EN CALIENTE SEGUN ASTM A 123
- GE** : ACERO AL CARBONO GALVANIZADO ELECTROLITICO SEGUN ASTM B 633
- T** : ACERO AL CARBONO TROPICALIZADO
- PVC**: ACERO AL CARBONO RECUBIERTO CON PVC SEGUN NEMA RN 1
- AI** : ACERO INOXIDABLE ACABADO NATURAL

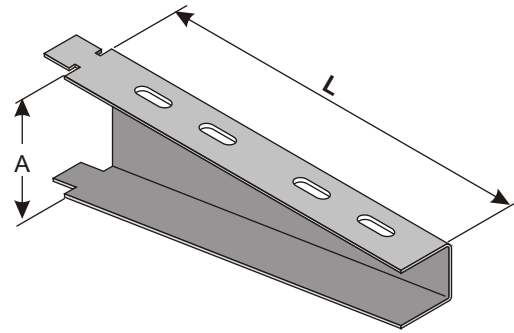
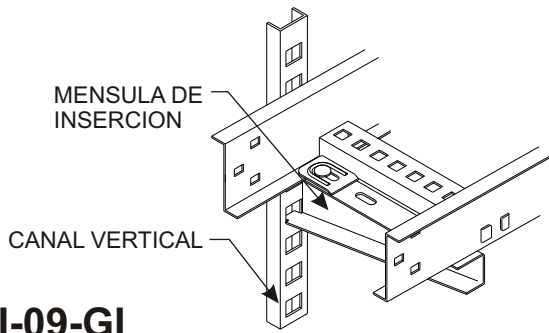
- GI** : HOT DIP GALVANIZED STEEL UNDER ASTM A 123
- GE** : ELECTROGALVANIZED STEEL UNDER ASTM B 633
- T** : CHROMIUM-ZINC COATED STEEL
- PVC**: PVC COATED STEEL UNDER NEMA RN 1
- AI** : NATURAL FINISHED STAINLESS STEEL

PARA MATERIALES Y ACABADOS NO INDICADOS CONSULTE NUESTRO DEPARTAMENTO DE INGENIERIA
FOR MATERIALS AND FINISHES NOT SHOWN. PLEASE CONSULT OUR TECHNICAL DEPARTMENT

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

MENSULA PARA MONTAJE EN CANAL

CHANNEL CANTILEVER BRACKET



MCI-09-GI

MATERIAL Y ACABADO (VER PAGINA 76) MATERIAL & FINISHES (VER PAGINA 76)
 ANCHO DE LA CHAROLA CABLE TRAY WIDTH
 COLOCAR ESTE DIGITO PARA CHAROLAS CON PERFIL TIPO "C" HACIA FUERA E "I"
 USE THIS LETTER FOR TRAYS WITH RAIL TYPE "C" WITH FLANGE OUT & "IP"
 MENSULA PARA CANAL CHANNEL CANTILEVER BRACKET

ANCHO DE CHAROLA TRAY WIDTH	A	PARA PERFIL TIPO Z, C, IL (VER PAGINA 60) FOR RAIL TYPE Z, C, IL (SEE PAGE 60)		PARA PERFIL TIPO "C" HACIA FUERA, E "I" (VER PAGINA 60) FOR RAIL TYPE "C" FLANGE OUT & "I" (SEE PAGE 60)		CARGA SOPORTADA LOAD CAPACITY
		No DE CATALOGO CATALOG NUMBER	L	No DE CATALOGO CATALOG NUMBER	L	
101.6 (4)	79 (3.1)	MC-04	127 (5)	MCI-04	152 (6)	345 kg (762 lb)
152.4 (6)		MC-06	178 (7)	MCI-06	203 (8)	325 kg (717 lb)
228.9 (9)		MC-09	254 (10)	MCI-09	279 (11)	315 kg (695 lb)
304.8 (12)		MC-12	330 (13)	MCI-12	356 (14)	270 kg (596 lb)
406.4 (16)	117 (4.6)	MC-16	432 (17)	MCI-16	457 (18)	245 kg (540 lb)
457.2 (18)		MC-18	483 (19)	MCI-18	508 (20)	220 kg (485 lb)
508.0 (20)		MC-20	533 (21)	MCI-20	559 (22)	190 kg (420 lb)
609.6 (24)		MC-24	635 (25)	MCI-24	660 (26)	160 kg (353 lb)
762.0 (30)		MC-30	787 (31)	MCI-30	813 (32)	135 kg (298 lb)
914.4 (36)		MC-36	940 (37)	MCI-36	965 (38)	110 kg (243 lb)

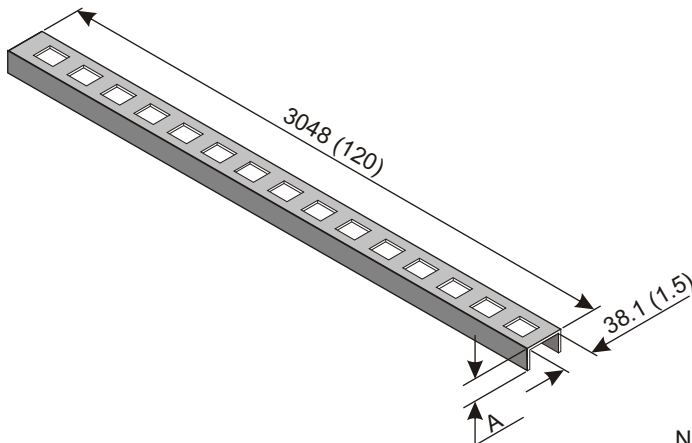
LA CARGA SOPORTADA MUESTRA LA CAPACIDAD DE LA MENSULA EN CONJUNTO CON EL CANAL VERTICAL, CROSS LINE NO SE HACE RESPONSABLE DE FALLAS ATRIBUIBLES A LOS SISTEMAS DE ANCLAJE O EL SUSTRATO DE APOYO.
 THE LOAD SHOWN INDICATE THE BRACKET LOAD CAPACITY ASSMBLED WITH VERTICAL CHANNEL, CROSS LINE IS NOT RESPONSABLE FOR FAILURES CAUSED BY THE ANCHORING SYSTEM OR FOR THE WALLS MATERIALS

LAS CARGAS SOPORTADAS ESTAN BASADAS EN UN FACTOR DE SEGURIDAD DE 2.5
 THE LOAD CAPACITY ARE WITH A SECURITY FACTOR OF 2.5

NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
 HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

CANAL VERTICAL

VERTICAL "C" CHANNEL



CVPP-120-GI

MATERIAL Y ACABADO VER PAGINA 76 MATERIAL & FINISHES SEE PAGE 76
 LONGITUD DEL CANAL EN PULGADAS CHANNEL LENGHT IN INCHES
 COLOCAR ESTE DIGITO EN CANALES CON ALTURA DE 19 mm (3/4)
 USE THIS LETTER FOR CHANNELS WITH 19 (3/4) HEIGHT
 CANAL VERTICAL VERTICAL "C" CHANNEL

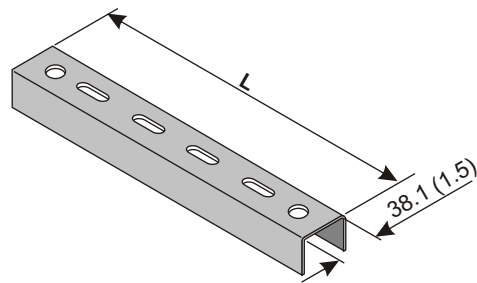
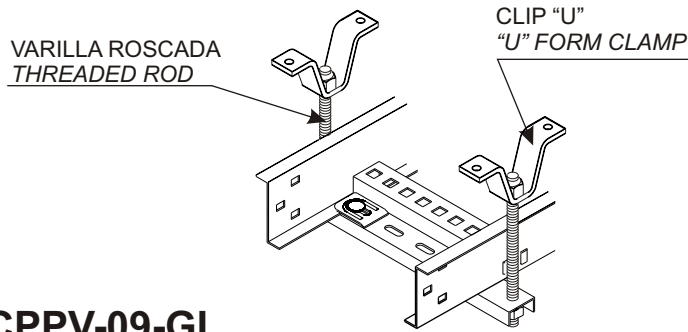
N° DE CATALOGO CATALOG NUMBER	A
CVPP-120	19 (3/4)
CVP-120	31.8 (1 1/2)

NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
 HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

CANAL HORIZONTAL PARA TRAPECIO

HORIZONTAL CHANNEL FOR TRAPEZOID SUPPORT



CPPV-09-GI

MATERIAL Y ACABADO (VER PAGINA 76) MATERIAL & FINISHES (VER PAGINA 76)
 ANCHO DE LA CHAROLA CABLE TRAY WIDTH
 CANAL HORIZONTAL PARA TRAPECIO HORIZONTAL CHANNEL FOR SUPPORT

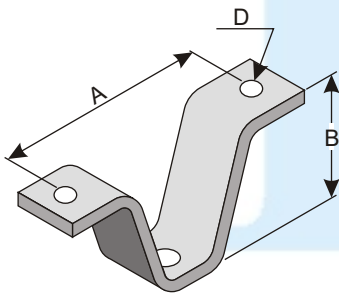
NUMERO DE CATALOGO CATALOG NUMBER

CANAL POCO PROFUNDO HORIZONTAL CHANNEL MINUS DEEP	CANAL HORIZONTAL PROFUNDO HORIZONTAL CHANNEL DEEP	ANCHO DE CHAROLA TRAY WIDTH	L
CPPV-04	CPV-04	101.6 (4)	195 (7.69)
CPPV-06	CPV-06	152.4 (6)	246 (9.69)
CPPV-09	CPV-09	228.9 (9)	322 (12.69)
CPPV-12	CPV-12	304.8 (12)	398 (15.69)
CPPV-16	CPV-16	406.4 (16)	500 (19.69)
CPPV-18	CPV-18	457.2 (18)	551 (21.69)
CPPV-20	CPV-20	508.0 (20)	602 (23.69)
CPPV-24	CPV-24	609.6 (24)	703 (27.69)
CPPV-30	CPV-30	762.0 (30)	856 (33.69)
CPPV-36	CPV-36	914.4 (36)	1008 (39.69)

NO INCLUYE TORNILLERIA, VARILLAS, CLIPS "U" NI SISTEMAS DE FIJACION
 HARDWARE, "U" CLAMP, THREADED RODS OR ANCHORING SYSTEM ARE NOT INCLUDED

CLIP "U"

FORM "U" CLAMP



CU-38-GI

MATERIAL Y ACABADO VER PAGINA 76 MATERIAL & FINISHES SEE PAGE 76
 TAMAÑO NOMINAL DE VARILLA ROSCADA THREADED ROAD SIZE
 CLIP "U" FORM "U" CLAMP

Nº DE CATALOGO CATALOG NUMBER	TAMAÑO DE VARILLA ROAD SIZE	A	B	D
CU-38	9.5 (3/8)	110 (4.32)	57 (2.24)	9.5 (3/8)
CU-12	12.7 (1/2)	133 (5.23)	63 (2.48)	14.3 (9/16)
CU-58	15.9 (5/8)	143 (5.62)	67 (2.63)	14.3 (9/16)

NO INCLUYE TORNILLERIA, VARILLAS, NI SISTEMAS DE FIJACION
 HARDWARE, THREADED RODS OR ANCHORING SYSTEM ARE NOT INCLUDED

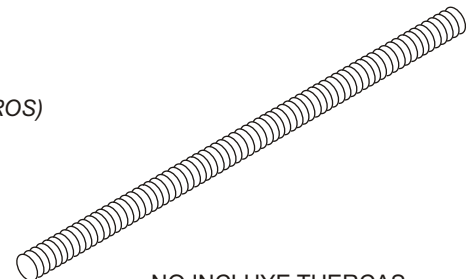
VARILLA ROSCADA

THREADED ROD

VR-38-3.0GI

MATERIAL Y ACABADO (VER PAGINA 76, EXCEPTO GI)
 MATERIAL & FINISHES (SEE PAGE 76 EXCEPT GI)
 LONGITUD EN METROS (DISPONIBLE EN 1.0, 2.0 Y 3.0 METROS)
 LENGTH IN METERS (AVAILABLE IN 1.0, 2.0 Y 3.0 METERS)
 TAMAÑO NOMINAL SIZE
 VARILLA ROSCADA THREADED ROD

Nº DE CATALOGO CATALOG NUMBER	TAMAÑO NOMINAL SIZE
VR-38	9.5 (3/8)
VR-12	12.7 (1/2)
VR-58	15.9 (5/8)



NO INCLUYE TUERCAS
 NUTS NOT INCLUDED

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)