

CROSS LINE^{MR}

UNICANAL

Sección 1 Unicanal

SISTEMA DE BASTIDORES UNICANAL

¿Requiere en su industria un sistema de soportes rápido de instalar, económico y versátil?

El sistema de soportes UNICANAL fabricado por **CROSS LINE** es la solución. Este sistema cuenta con gran versatilidad reduciendo su inversión, ya que el diseño permite que la instalación se modifique a conveniencia sin necesidad de gastos adicionales.

Con el sistema UNICANAL, las estructuras que tomarían horas en soldarse se arman fácilmente en minutos. Su tuerca de seguridad hace esto posible aun en sitios de difícil acceso, ya que no requiere de herramientas especiales. Además el sistema UNICANAL es fácilmente desarmable para transportarlo y ensamblarlo donde se requiera. El sistema es ideal como soporte de tuberías, instalación de sistemas de iluminación, soporte de charolas para cables, mesas de trabajo, etc. El sistema de soportes UNICANAL hace que las demás soluciones parezcan problemas. Consúltenos, nuestro departamento técnico está a sus ordenes.

CARACTERÍSTICAS Y ESPECIFICACIONES DEL SISTEMA DE BASTIDORES METÁLICOS “UNICANAL”

Los componentes del sistema de soporte UNICANAL son: el unicanal, la tuerca de seguridad y sus diferentes conectores.

El unicanal es fabricado en acero al carbón, acero inoxidable, fibra de vidrio o aluminio.

Un lado del canal cuenta con una ranura a lo largo con bordes doblados. Estas ranuras sirven para sujetar la tuerca de seguridad y al mismo tiempo sirven de guías para las ranuras de la tuerca UNICANAL.

Las tuercas UNICANAL son fabricadas en acero al carbón; sus extremos redondeados permiten instalarse en cualquier punto a lo largo del UNICANAL y girarse hasta hacer coincidir sus ranuras estriadas con la guía del UNICANAL; el resorte con el que cuenta la tuerca impedirá movimientos de la tuerca, quedando lista para el ensamble de los conectores.

Tanto las tuercas como los tornillos cuentan con roscas tipo UNC estándar.

Los conectores son fabricados en acero al carbón, acero inoxidable o aluminio. (Ver acabados).

CROSS LINE se reserva el derecho de cambiar los diseños y dimensiones sin previo aviso.

Section 1 Strut channel

STRUT CHANNEL METAL FRAME SYSTEM

Does your company require an economical, flexible and easy to install support system?

The STRUT support system manufactured for **CROSS LINE** is the solution. This kind of system is conformed by the channel, lock nut and other joint accessories, which will give you the versatility and cost reduction wanted when system modifications are needed.

By using STRUT frame system, structures that usually take hours to be welded can be easily assembled in a few minutes. Its adjustable lock nut makes possible, exact and simple installations, even in the most difficult access places. This installation doesn't require special tools.

When you need to transport it, you can do it fast and easily. The system can be used as a pipe support, in the illumination system installation, in cable tray systems, work benches, etc. STRUT support system makes other solutions look like problems. Contact us, our technical department is ready for you.

“STRUT CHANNEL” METAL FRAME SYSTEM CHARACTERISTICS AND SPECIFICATIONS

STRUT metal frame system includes: The channel, the lock nut and the fittings.

The channel can be made of carbon steel, stainless steel, fiberglass reinforced or aluminum.

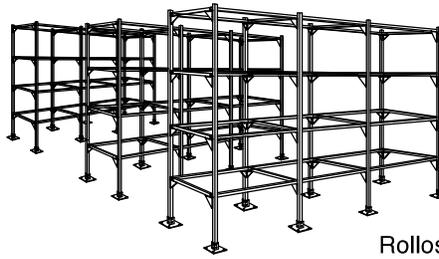
One side of the channel has a row of slots which run all along of it, each slot can be used to fasten the security lock and at the same time as a guide for the STRUT lock nuts.

STRUT's lock nuts are made of carbon steel. Its rounded edges allow their installation at any point along the channel and can be turned to align the grooves with the channel guides. The spring located in the lower side of the nut prevent movements, ready to the fitting assembly. Each nut and its bolt have an unified thread.

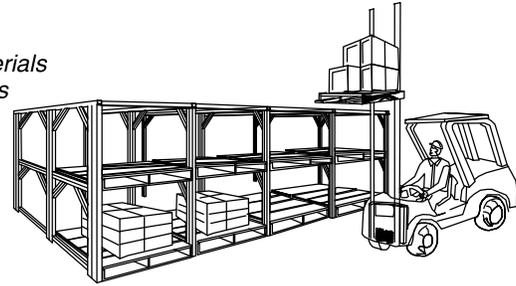
Fittings are made of carbon steel, stainless steel or aluminum; unless otherwise specified.

CROSS LINE reserves the right to change designs, dimensions or specifications without notice.

Estanterías / Racks and shelving

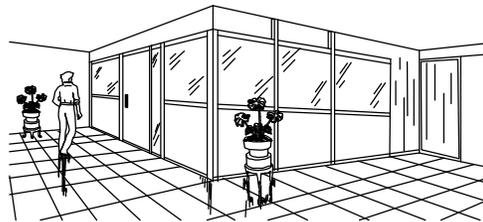


- Palets *Pallets*
- Matrices *Dies*
- Chapas *Sheets*
- Rollos de cables *Cable rolls*
- Materiales de producción *Production materials*
- Piezas automotrices *Automotive parts*
- Almacén general *General store*
- Barras *Bars*
- Barriles *Tanks*
- Muebles *Furniture store*



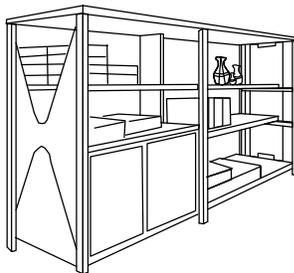
Canceles móviles / Modulate walls

- De piso a techo
- Altura de puerta
- Rieles pulidos
- Rieles comunes
- Depósito de herramientas
- Despachos de oficinas
- Lugar de estudio
- Separador de cuartos
- Paredes para laboratorios
- Soporte de paneles divisorios

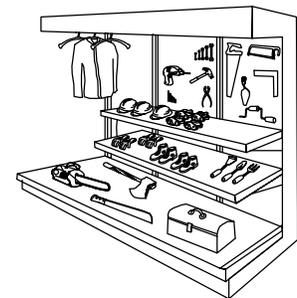


- Floor to ceiling*
- Door height*
- Polished rails*
- Standard rails*
- Tool storage*
- Offices*
- Studies*
- Room divisions*
- Laboratory walls*
- Division supports*

Vitrinas / Show case

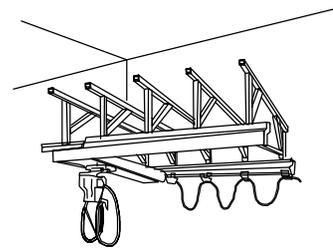
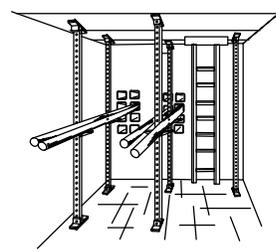


- Vitrinas de ventana *Show windows*
- Vitrinas para mercadería *Shop windows*
- Separadores de vitrinas *Showcase divisions*
- Exhibiciones industriales *Industrial exhibitions*
- Paredes de exhibiciones *Exhibition walls*

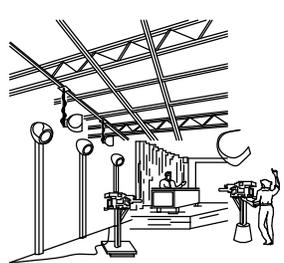


Aplicaciones especiales / Special applications

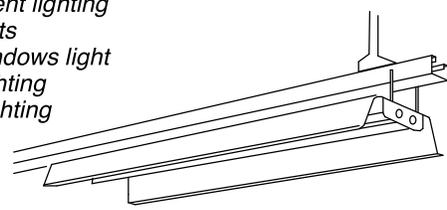
- | | |
|--------------------------|-----------------------------|
| Instrumentos | <i>Instruments</i> |
| Bastidores de transporte | <i>Transportation racks</i> |
| Estantería | <i>Standard racks</i> |
| Bastidor de horno | <i>Oven racks</i> |
| Soporte de rayos x | <i>X ray support</i> |
| Casetas para soldadores | <i>Welding households</i> |
| Armado de escenarios | <i>Stage racks</i> |
| Muelles de embarcaciones | <i>Docks</i> |
| Entrepisos | <i>Entresols</i> |
| Escaleras | <i>Stairs</i> |
| Escaleras para incendios | <i>Fire stairs</i> |
| Toldos | <i>Awnings, vanity tent</i> |



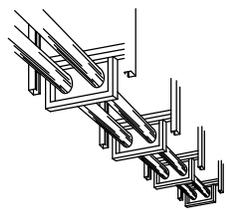
Soportes para alumbrado / Lighting support



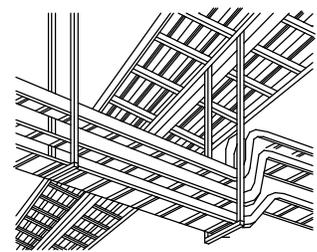
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|-----------------------|-----------------------------|
| Equipo fluorescente | <i>Fluorescent lighting</i> |
| Reflectores | <i>Floodlights</i> |
| Vitrinas | <i>Show windows light</i> |
| Alumbrado de estudios | <i>Stage lighting</i> |
| Cielorascos luminosos | <i>Celing lighting</i> |



Soportes eléctricos / Electrical supports

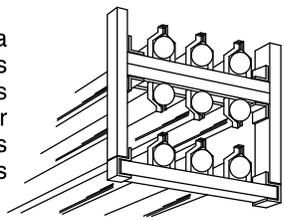


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|-------------------------------|-----------------------------|
| Conductos | <i>Raceway</i> |
| Barra de conducción | <i>Electrical bar</i> |
| Soportes para cables | <i>Cable tray support</i> |
| Equipo eléctrico | <i>Electrical equipment</i> |
| Soportes para tubería conduit | <i>Conduit support</i> |

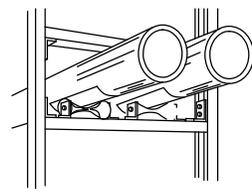


Soportes mecánicos / Mechanical applications

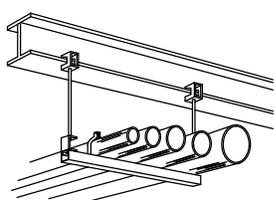
- | |
|--|
| Cañerías para agua |
| Puntales para túneles |
| Conducción de instalaciones sanitarias |
| Tuberías de vapor |
| Tuberías |
| Sujeción de tubería a ductos |



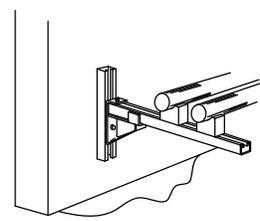
- | |
|-------------------------------|
| <i>Piping racks</i> |
| <i>Tunnel pipe stanchions</i> |
| <i>Sanitary pipes support</i> |
| <i>Steam pipes</i> |
| <i>Standard pipes</i> |
| <i>Pipe to wireway clamps</i> |



Soportes estructurales / Structural supports



- | | |
|----------------------|---------------------------|
| Insertos de concreto | <i>Concrete inserts</i> |
| Insertos para pared | <i>Cantilever inserts</i> |
| Soporte para vigas | <i>Beam attachments</i> |
| Trapezios | <i>Trapeze hangers</i> |
| Paredes de cortinas | <i>Wall framing</i> |



Nosotros ponemos el sistema y usted la idea...

CROSS LINE Presenta las exclusivas conexiones tipo UNICANAL

- Sin Soldadura
- Sin Taladro
- 100% Ajustables
- 100% Reusables

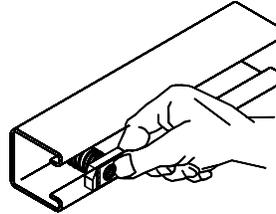
We bring you the system you the imagination...

CROSS LINE Present our exclusively STRUT type fittings

- No Welding
- No Drilling
- Fully Adjustable
- Fully Reusable

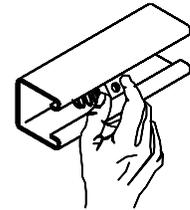
1 Inserte la tuerca para riel en cualquier lugar a lo largo de la ranura del riel acanalado. Los extremos redondeados de la tuerca permiten su fácil inserción.

Insert the spring nut anywhere along the continuous slotted channel, designed for an easy insertion and auto-aligning.



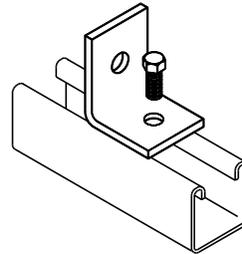
2 Al girar la tuerca a 90° hacia la derecha, las ranuras de esta se alinean con los bordes internos del riel. Las piezas de montaje podrán colocarse en cualquier lugar en la abertura del riel.

A 90 clockwise turn aligns the grooves in the nut with the interned edges of the channel.



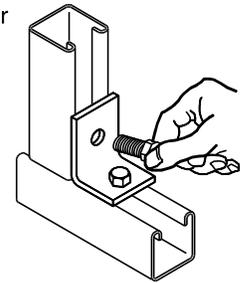
3 Inserte el perno a través de la placa de conexión y enrósquelo a la tuerca con resorte.

Position the fitting over the channel's nut to insert the bolt and start any connection.



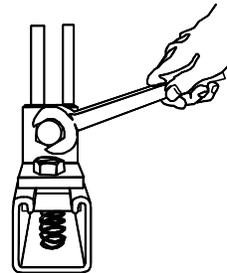
4 Se podrán ahora conectar secciones adicionales de riel a la pieza ya montada siguiendo los procedimientos que se describen en los pasos 1-3.

Now you can connect additional channels following steps 1-3.



5 Al apretar la tuerca con una llave, los dientes estriados de la tuerca muerden los bordes de la ranura del riel formando una fuerte conexión.

With the twist of a wrench, channel's nut locks its teeth strongly against the inner edges.



El sistema UNICANAL es fuerte, rápido, económico y ajustable a todos los usos en bastidores, haciendo todas las conexiones estándar.

STRUT system is strong, fast, cheap and able to be used in all frames applications, making each joint a standard union.

Riel acanalado de características especiales, permite la sujeción de variados elementos de fijación sin tener que perforar o soldar. La regulación puede ser infinita a lo largo del riel acanalado.

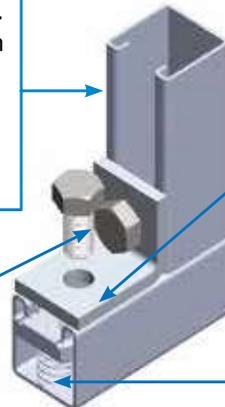
The special channel characteristics make it able to support any fitting without welding or drilling. The number and positions of the fittings could be unlimited along the channel.

Las placas de conexión permiten la construcción de estructuras de soporte de las más diversas formas, tamaños y para múltiples aplicaciones.

Fittings allow you the construction of supporting structures of diverse shapes, sizes and for multiple applications.

El tornillo hexagonal se rosca fácilmente en la tuerca con resorte conectando la placa de conexión al canal fácilmente.

The hex bolt is easily assembled in the spring nut joining the fitting to the channel.



Las tuercas de fijación están diseñadas para funcionar específicamente en el riel acanalado. Su forma permite una instalación cómoda y rápida, el resorte permite fijarla en un punto determinado.

Nuts design provides a quick installation. Its spring provide and easy fitting location.

| | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|---|---|--|-------------------|--|-------------------|--|---------------------------|------|-------------------|-------------------|--|
| Unicanal | Serie 1000 | | Serie 2000 | | Serie 3300 | | Serie 4000 | | Serie 5000 | | Serie 5500 | | LU-6000 LU-7000 | | PSLU - | PRLU - | Depende del unicanal a perforar |
| | Medidas | LU-1000 41.3x41.3mm LU-1001 41.3x82.6mm | LU-2000 41.3x41.3mm LU-2001 41.3x82.6mm | LU-3300 41.3x20.6mm LU-3301 41.3x41.3mm | LU-4000 41.3x41.3mm LU-4001 41.3x41.3mm | LU-5000 41.3x82.6mm LU-5001 41.3x165.2mm | LU-5500 41.3x61.9mm LU-5501 41.3x123.8mm | LU-6000 20.6x20.6mm LU-7000 20.6x11mm | | | | | | | | | |
| Acabados | <p>Aluminio, Acero al carbón galvanizado por inmersión en caliente, Acero al carbón galvanizado electrolítico, Acero inoxidable, Acero pintado (pintura electrostática híbrida), Acero recubierto de PVC, Aluminio recubierto de PVC, Lámina galvanizada, Fibra de vidrio (ver pág. 100)</p> | | | | | | | | | | | | | | | | |

Servicio ligero

Servicio pesado

| | | | | | | | | | | | | | | | | |
|--------------------------|--|--|---------------------|--|---------------------|--|-----------------------|--|------------------------|--|--------------|--|------------------------|--|-------------------------------|--|
| Herrajes unicanal | Conexión plana | | Conexión "U" | | Conexión "Z" | | Conexión a 90° | | Conexión de Ala | | Bases | | Tuerca unicanal | | Abrazaderas y mordazas | |
| | Medidas | <p>Diámetro orificio: 14.3mm (0.562"), distancia entre centros: 47.6mm (1.875")</p> <p>Tubo 3/8" a 6"</p> <p>Para cualquier serie unicanal.</p> <p>Incluye tornillería</p> <p>Para tornillo 1/4", 5/16", 3/8" y 1/2"</p> | | | | | | | | | | | | | | |
| Acabados | <p>Aluminio, acero recubierto de PVC</p> <p>Acero galvanizado, acero inoxidable, lámina galvanizada</p> <p>Acero al carbón galvanizado electrolítico</p> <p>Acero al carbón galvanizado por inmersión en caliente, Acero al carbón galvanizado electrolítico, acero inoxidable</p> | | | | | | | | | | | | | | | |

Sección 1.1 Unicanal

Section 1.1 Strut Channel

Tramos rectos "unicanal"

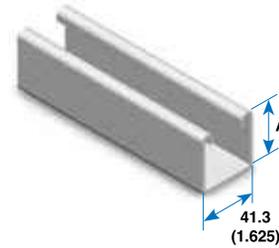
Strut straight section

Unicanal LU-1000 y combinaciones (Servicio Pesado)
LU-1000 channel and combinations

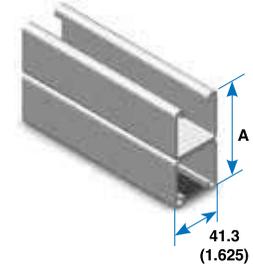
| No. de catálogo <i>Catalog number</i> | Profundidad A mm (pulg) <i>Depth A mm (in)</i> |
|--|---|
| LU-1000 | 41.3 (1.625) |
| LU-1001 | 82.6 (3.250) |

Longitud: 3.05 m (10')
Length: 3.05 m (10')

LU-1000



LU-1001

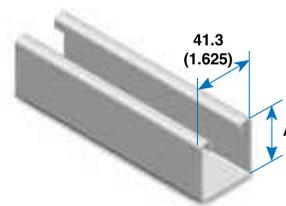


Unicanal LU-2000 y combinaciones (Servicio Ligero)
LU-2000 channel and combinations

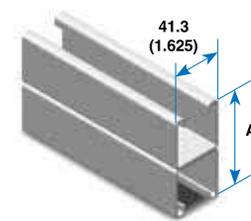
| No. de catálogo <i>Catalog number</i> | Profundidad A mm (pulg) <i>Depth A mm (in)</i> |
|--|---|
| LU-2000 | 41.3 (1.625) |
| LU-2001 | 82.6 (3.250) |

Longitud: 3.05 m (10')
Length: 3.05 m (10')

LU-2000



LU-2001



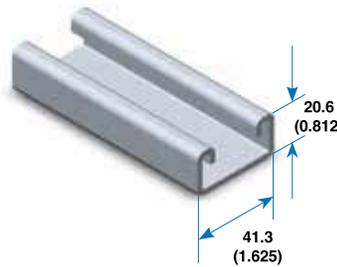
Dentro del Unicanal de Servicio Ligero contamos con una línea económica. *LU-2000L LU-2001L*

Unicanal LU-3300 y combinaciones
LU-3300 channel and combinations

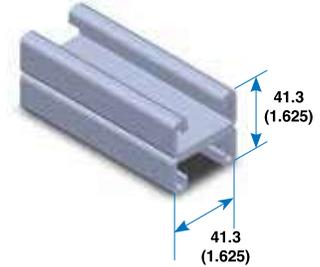
| No. de catálogo <i>Catalog number</i> | Profundidad A mm (pulg) <i>Depth A mm (in)</i> |
|--|---|
| LU-3300 | 20.6 (0.812) |
| LU-3301 | 41.3 (1.625) |

Longitud: 3.05 m (10')
Length: 3.05 m (10')

LU-3300



LU-3301

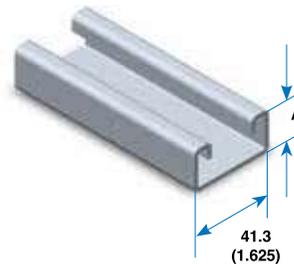


Unicanal LU-4000 y combinaciones
LU-4000 channel and combinations

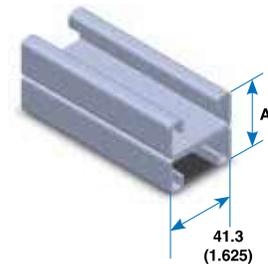
| No. de catálogo <i>Catalog number</i> | Profundidad A mm (pulg) <i>Depth A mm (in)</i> |
|--|---|
| LU-4000 | 41.3 (1.625) |
| LU-4001 | 82.6 (3.250) |

Longitud: 3.05 m (10')
Length: 3.05 m (10')

LU-4000



LU-4001



Material y acabado:

- Lámina de acero al carbón y fibra de vidrio.
- Galvanizado electrolítico, galvanizado inmersión en caliente.
- Pintado (ver Gama de colores).
- Acero Inoxidable.
- Aluminio

Materials & finishes:

- Carbon steel sheet, fiber glass.
- Electrogalvanized zinc, hot-dip galvanized.
- Painted.
- Stainless steel.
- Aluminum

Pesos de unicanal

Strut weight

Peso aproximado por canal de 3.048 m de longitud.
Aproximate weight for 10' channel length.

| No. de catálogo <i>Catalog number</i> | Peso kg <i>Weight kg</i> |
|--|-----------------------------|
| LU-1000 | 6.2 |
| LU-1001 | 12.5 |
| LU-2000 | 5.1 |
| LU-2001 | 10.3 |
| LU-3300 | 4.3 |
| LU-3301 | 8.7 |
| LU-4000 | 3.6 |
| LU-4001 | 7.3 |
| LU-5500 | 8.1 |
| LU-5501 | 16.3 |

Canal con insertos sumar 1.4 kg
 Para PRLU- restar 0.2 kg
 Para PSLU-restar 0.4 kg
 LU-3184 P = 0.42 kg pieza

For concret insert plus 3 lb
For PRLU- reduce 0.44 lb
For PSLU- reduce 0.88 lb
0.92 lb unit

Tramos rectos "unicanal"

Strut straight section

Unicanal LU-5500 y combinaciones
LU-5500 channel and combinations

| No. de catálogo <i>Catalog number</i> | Profundidad A mm (pulg) <i>Depth A mm (in)</i> |
|--|---|
| LU-5500 | 61.9 (2.437) |
| LU-5501 | 123.8 (4.875) |

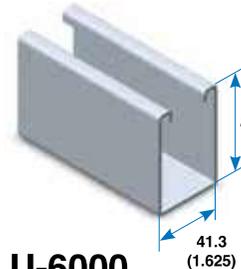
Longitud: 3.05 m (10')
Length: 3.05 m (10')

Unicanal LU-6000 y LU-7000
LU-6000 & LU-7000 channel

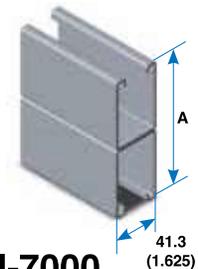
| No. de catálogo <i>Catalog number</i> | Profundidad A mm (pulg) <i>Depth A mm (in)</i> |
|--|---|
| LU-6000 | 21.0 (0.826) |
| LU-7000 | 11.0 (0.433) |

Longitud: 3.05 m (10')
Length: 3.05 m (10')

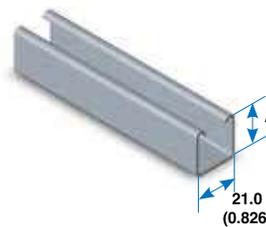
LU-5500



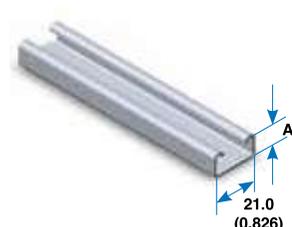
LU-5501



LU-6000



LU-7000



PRLU

Unicanal con perforado redondo,
 aplicable en los canales:
 LU-1000, LU-2000, LU-3300,
 LU-4000, LU-5500, LU-6000

*Round hole channel, available in
 channels:
 LU-1000, LU-2000, LU-3300,
 LU-4000, LU-5500, LU-6000*

PSLU

Unicanal con perforado tipo slot,
 aplicable en los canales:
 LU-1000, LU-2000, LU-3300,
 LU-4000, LU-5500, LU-6000

*Slotted channel, available in
 channels:
 LU-1000, LU-2000, LU-3300,
 LU-4000, LU-5500, LU-6000*



Material y acabado:

- Lámina de acero al carbón y fibra de vidrio.
- Galvanizado electrolítico, galvanizado inmersión en caliente.
- Pintado (ver Gama de colores).
- Acero Inoxidable.
- Aluminio

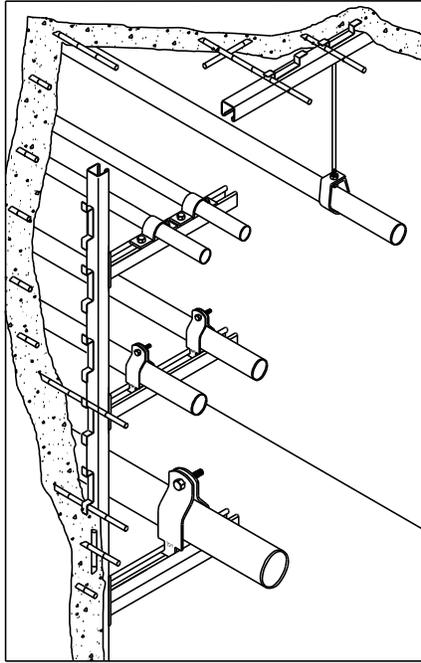
Para otras configuraciones de perforado consulte nuestro departamento técnico.

Materials & finishes:

- Carbon steel sheet, fiber glass.
- Electrogalvanized zinc, hot-dip galvanized.
- Painted.
- Stainless steel.
- Aluminum

For another pattern consult our technical department.

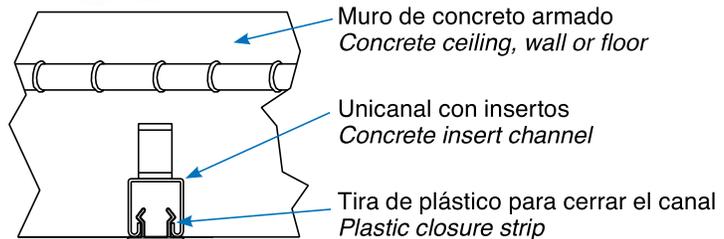
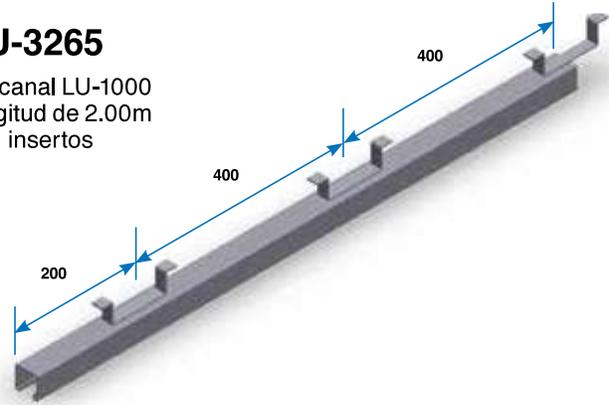
Tramos rectos unicanal



Strut straight section

LU-3265

Unicanal LU-1000
longitud de 2.00m
con insertos



Material y acabado:

- Material: lámina de acero al carbón.
- Galvanizado electrolítico, galvanizado inmersión en caliente.

Materials & finishes:

- Carbon steel sheet.
- Electrogalvanized zinc, hot-dip galvanized.

Tira de plástico para terminación

Tira de plástico para cerrar el canal para usarse con unicanal LU-1000, LU-2000, LU-3300, LU-4000, LU-5500, LU-6000 y sus combinaciones.

Plastic closer strip for use in strut LU-1000, LU-2000, LU-3300 LU-4000, LU-5500, LU-6000 and their combinations.

Plastic closure strip

LU-3184 PVC



Estas tiras son ideales para evitar la entrada de concreto cuando se instalan productos LU-3265

This strip is excellent to avoid the enter of concret when a LU-3265 is used

Materiales y acabados:

PVC: Cloruro de polivinilo
GI: Lámina Galvanizada

Materials & finishes:

PVC: Polyvinyl Chloride
GI: Galvanized sheet

Sección 1.2 Accesorios para ensamble de unicanal

Section 1.2 Strut fittings

Conexiones de chapa plana

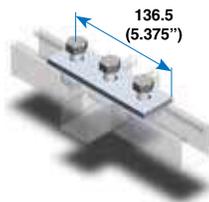
Flat plate fittings

Rondana cuadrada
Square washer

| No. de catálogo Catalog number | Diámetro orificio A mm (pulg) | Diámetro tornillo mm (pulg) |
|-----------------------------------|----------------------------------|--------------------------------|
| LU-1062 | 9.5 (3/8") | 7.9 (5/16") |
| LU-1063 | 11.1 (7/16") | 9.5 (3/8") |
| LU-1064 | 14.3 (9/16") | 12.7 (1/2") |

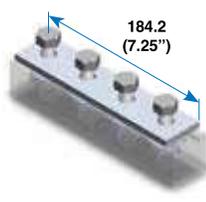
LU-1066

Conector de empalme 3 orificios
Three holes splice plate



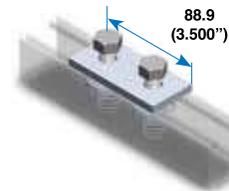
LU-1067

Conector de empalme 4 orificios
Four holes splice plate



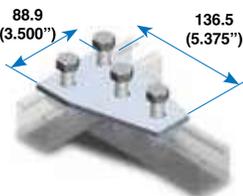
LU-1065

Conector de empalme 2 orificios
Two holes splice plate



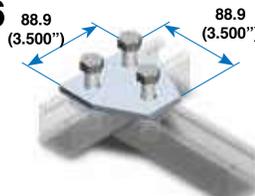
LU-1358

Placa conectora 4 orificios
Four holes tee gusset plate



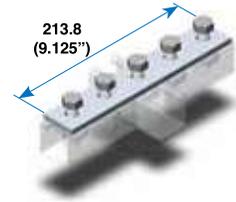
LU-1356

Placa conectora 3 orificios
Three holes tee gusset plate



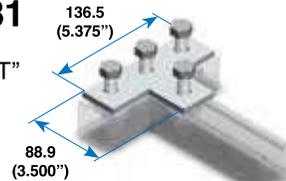
LU-1941

Conector de empalme 5 orificios
Five holes splice plate



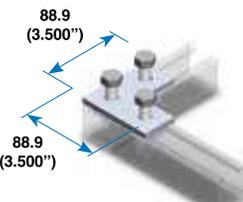
LU-1031

Conector "T" 4 orificios
Four holes tee plate



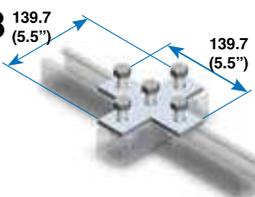
LU-1036

Conector "L" 3 orificios
Three holes corner plate



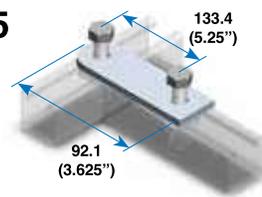
LU-1028

Conector de cruz 5 orificios
Five hole cross plate



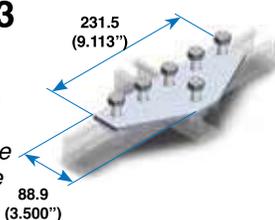
LU-2325

Conector giratorio 2 orificios
Two holes swivel plate



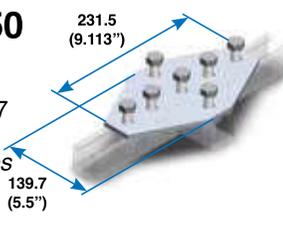
LU-1953

Placa conectora 6 orificios
Six holes tee gusset plate



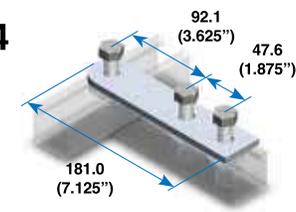
LU-1950

Placa conectora 7 orificios
Seven holes tee gusset plate



LU-2324

Conector giratorio 3 orificios
Three holes swivel plate



Especificaciones:

Diámetro de orificio: 14.3 [0.562]
Espaciamiento del centro de orificio al extremo: 20.6 [0.812]
Espaciamiento entre centro de orificios: 47.6 [1.875]

Material y acabado:

Acero al carbón.
Acero inoxidable.
Galvanizado electrolítico, galvanizado por inmersión en caliente.

Dimensiones en mm [pulgadas]
No incluye tornillería.

Specifications:

Hole size: 14.3 [0.562]
Hole spacing: 20.6 [0.812]
Hole spacing: 47.6 [1.875]

Materials & finishes:

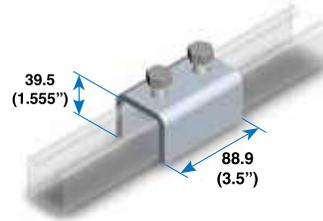
Strip steel.
Stainless steel.
Electrolytic galvanized, hot-dip galvanized.

Dimensions mm [in]
Hardware not included.

Conexiones en forma de "U"

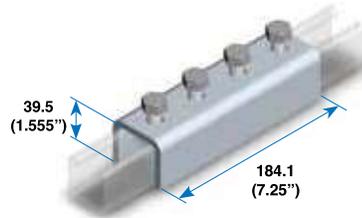
LU-1376

Conector de horquilla 2 orificios
Two holes splice clevis



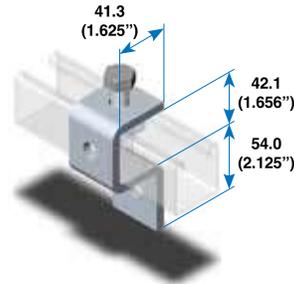
LU-1377

Conector de horquilla 4 orificios
Four holes splice clevis



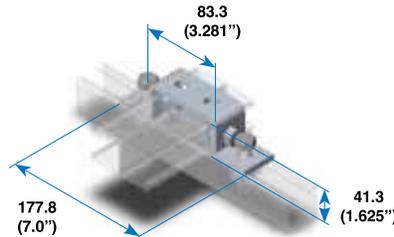
LU-1046A

Conector de copa 3 orificios
Three holes cup support plate



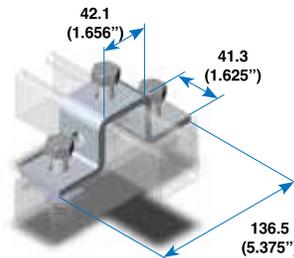
LU-1043A

Conector "U" 6 orificios
Six hole "U" support



LU-1047

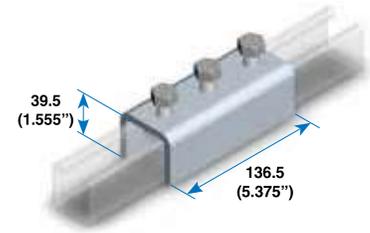
Conector "U" 5 orificios
Five hole "U" support



"U" fittings

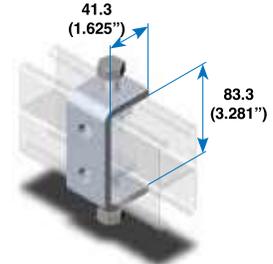
LU-1376A

Conector de horquilla 3 orificios
Three holes splice clevis



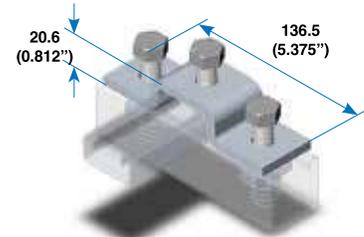
LU-1044

Conector "U" 4 orificios
Four hole clevis



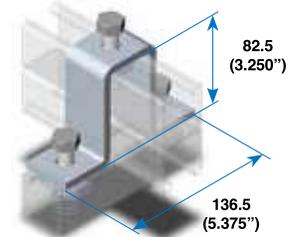
LU-3347

Conector "U" 3 orificios
Three hole "U" support



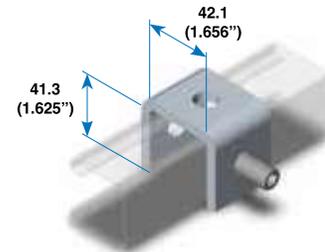
LU-1737

Conector "U" 3 orificios
Three hole "U" support



LU-1320

Conector "U" con sujetador 2 orificios
Stud ring connection



Especificaciones:

Diámetro de orificio: 14.3 [0.562]
Espaciamento del centro de orificio al extremo: 20.6 [0.812]
Espaciamento entre centro de orificios: 47.6 [1.875]

Material y acabado:

Acero al carbón.
Acero inoxidable.
Galvanizado electrolítico, galvanizado por inmersión en caliente.

Dimensiones en mm [pulgadas]
No incluye tornillería.

Specifications:

Hole size: 14.3 [0.562]
Hole spacing: 20.6 [0.812]
Hole spacing: 47.6 [1.875]

Materials & finishes:

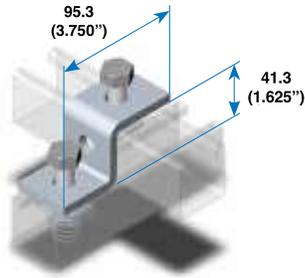
Strip steel.
Stainless steel.
Electrolytic galvanized, hot-dip galvanized.

Dimensions mm [in]
Hardware not included.

Conexiones en forma de "Z"

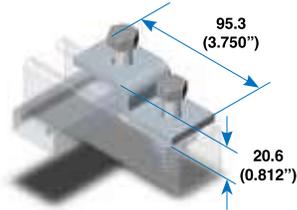
LU-1045

Conector "Z"
3 orificios
Three hole
"Z" support



LU-3345

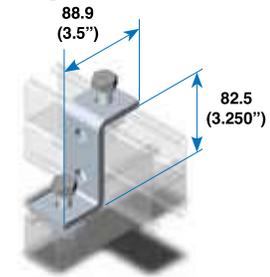
Conector "Z"
2 orificios
Two hole "Z"
support



"Z" fittings

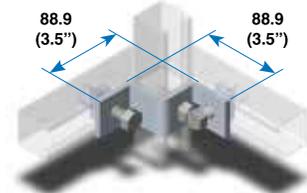
LU-1453

Conector "Z"
4 orificios
Four hole "Z"
support



LU-1736

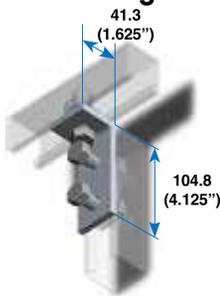
Conector 3
orificios
Three hole
shelf corner
connection



Conexiones angulares a 90°

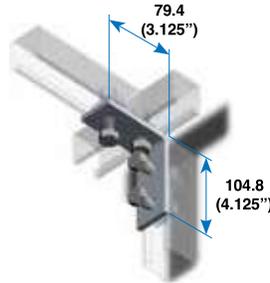
LU-1326

Conector
angular 90°
3 orificios
Three hole
corner angle



LU-1325

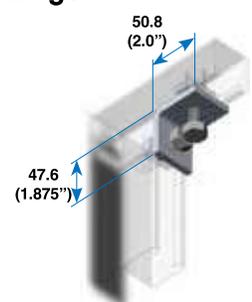
Conector
angular 90°
4 orificios
Four hole
corner angle



90° Angular fittings

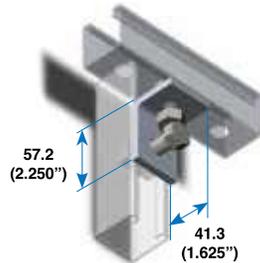
LU-1026

Conector
angular 90°
2 orificios
Two hole
corner angle



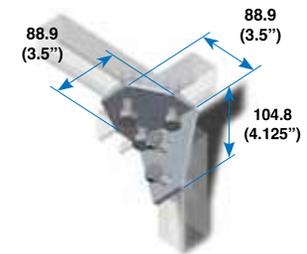
LU-1068

Conector
angular 90°
2 orificios
Two hole
corner angle



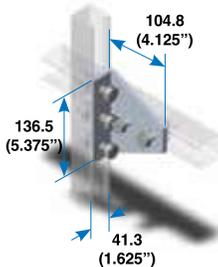
LU-2235

Conector
angular 90°
tipo trapecio
5 orificios
Five hole
gussetted
three way
shelf angle



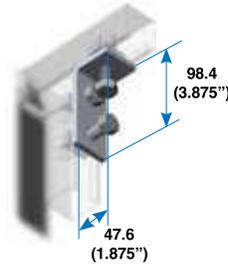
LU-1728

Conector
angular 90°
tipo trapecio
5 orificios
Five hole
gussetted
shelf angle



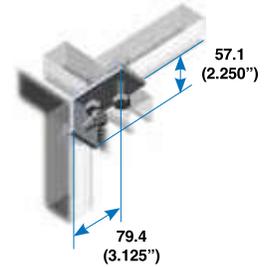
LU-1346

Conector
angular 90°
3 orificios
Three hole
corner angle



LU-1458

Conector
angular 90°
3 orificios
Three hole
corner angle



Especificaciones:

Diámetro de orificio: 14.3 [0.562]
Espaciamento del centro de orificio al extremo: 20.6 [0.812]
Espaciamento entre centro de orificios: 47.6 [1.875]

Material y acabado:

Acero al carbón.
Acero inoxidable.
Galvanizado electrolítico, galvanizado por inmersión en caliente.

Dimensiones en mm [pulgadas]
No incluye tornillería.

Specifications:

Hole size: 14.3 [0.562]
Hole spacing: 20.6 [0.812]
Hole spacing: 47.6 [1.875]

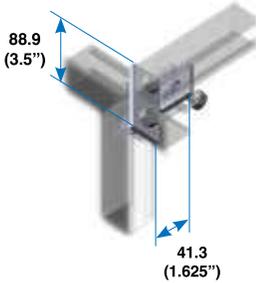
Materials & finishes:

Strip steel.
Stainless steel.
Electrolytic galvanized, hot-dip galvanized.

Dimensions mm [in]
Hardware not included.

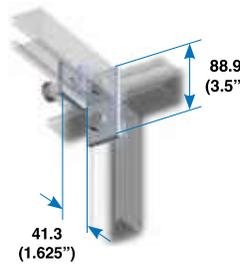
LU-1037

Conector angular 90° izquierdo 3 orificios
Three hole (left hand) offset bent angle



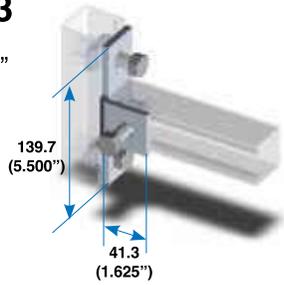
LU-1038

Conector angular 90° derecho 3 orificios
Three hole (right hand) offset bent angle



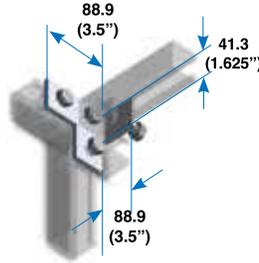
LU-1033

Conector "T" angular 90° derecho 4 orificios
Four hole (right hand) offset bent tee



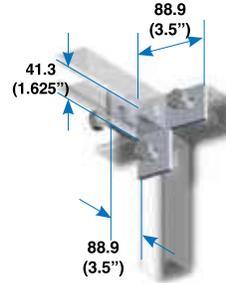
LU-1034

Conector "T" angular 90° izquierdo 4 orificios
Four hole (left hand) offset bent tee angle



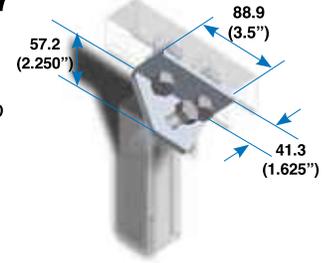
LU-1035

Conector "T" angular 90° derecho 4 orificios
Four hole (right hand) offset bent tee angle



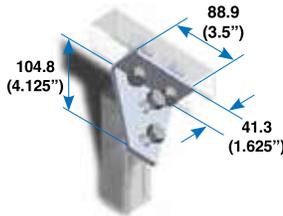
LU-1357

Conector angular 90° tipo trapecio 3 orificios
Three hole gusseted shelf angle



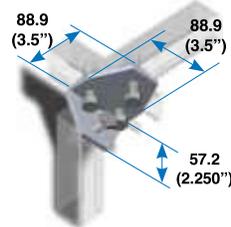
LU-1359

Conector angular de 90° tipo trapecio 4 orificios
Four hole gusseted shelf angle



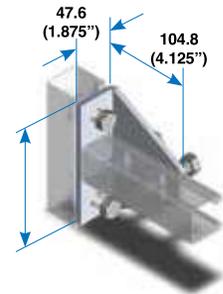
LU-1579

Conector angular de 90° tipo trapecio 4 orificios
Four hole gusseted three way shelf angle



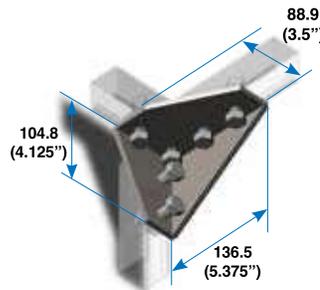
LU-1727

Conector angular a 90° tipo trapecio 4 orificios
Four hole gusseted corner



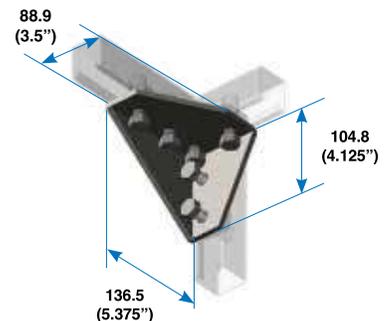
LU-1957

Conector de esquina reforzado izquierdo 6 orificios
Six hole (left hand) gusseted corner connetion



LU-1956

Conector de esquina reforzado derecho 6 orificios
Six hole (right hand) gusseted corner connection



Especificaciones:

Diámetro de orificio: 14.3 [0.562]
Espaciamento del centro de orificio al extremo: 20.6 [0.812]
Espaciamento entre centro de orificios: 47.6 [1.875]

Material y acabado:

Acero al carbón.
Acero inoxidable.
Galvanizado electrolítico, galvanizado por inmersión en caliente.

Dimensiones en mm [pulgadas]
No incluye tornillería.

Specifications:

Hole size: 14.3 [0.562]
Hole spacing: 20.6 [0.812]
Hole spacing: 47.6 [1.875]

Materials & finishes:

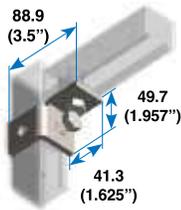
Strip steel.
Stainless steel.
Electrolytic galvanized, hot-dip galvanized.

Dimensions mm [in]
Hardware not included.

Conexiones en forma de ala

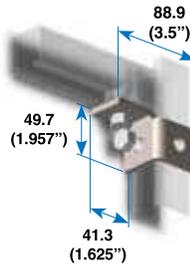
LU-2341R

Conector de ala derecha 3 orificios
Three hole single corner connection (right hand)



LU-2341L

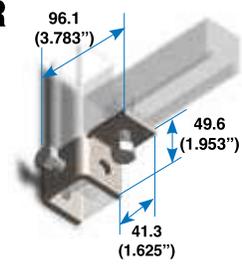
Conector de ala izquierda 3 orificios
Three hole single corner connection (left hand)



Wing fittings

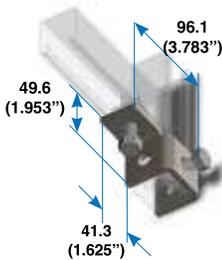
LU-2472R

Conector de ala derecha 4 orificios
Four hole single corner connection (right hand)



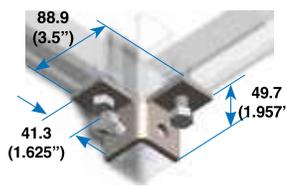
LU-2472L

Conector de ala izquierda 4 orificios
Four hole single corner connection (left hand)



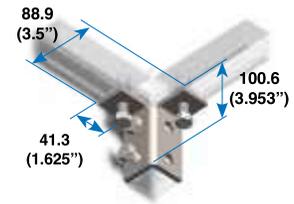
LU-2223

Conector de esquina doble 4 orificios
Four hole double corner connection



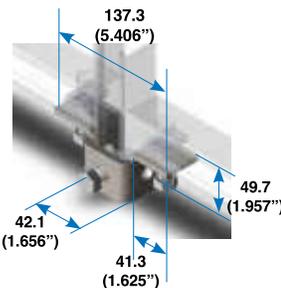
LU-2224

Conector de esquina doble 6 orificios
Six hole double corner connection



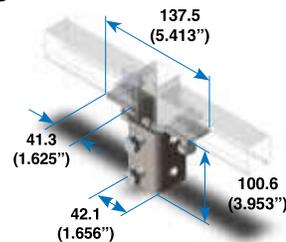
LU-2345

Conector de 2 alas 5 orificios
Five hole double wing connection



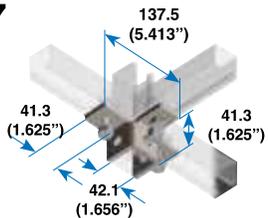
LU-2246

Conector de esquina doble 4 orificios
Four hole double corner connection



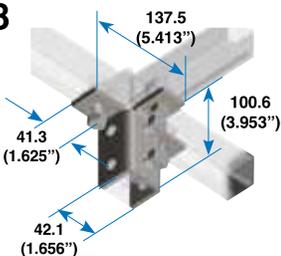
LU-2227

Conector de 3 alas 6 orificios
Six hole triple wing connection



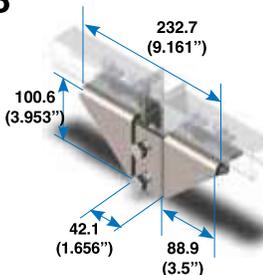
LU-2228

Conector de 3 alas 9 orificios
Nine hole triple wing connection



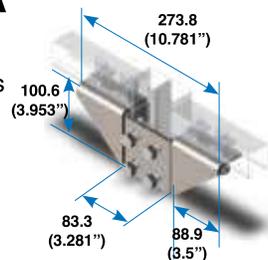
LU-2348

Conector de 2 alas 10 orificios reforzado
Ten hole double wing gusseted connection



LU-2348A

Conector de 2 alas 12 orificios reforzado
Twelve hole double wing gusseted connection



Especificaciones:

Diámetro de orificio: 14.3 [0.562]
Espaciamento del centro de orificio al extremo: 20.6 [0.812]
Espaciamento entre centro de orificios: 47.6 [1.875]

Material y acabado:

Acero al carbón.
Acero inoxidable.
Galvanizado electrolítico, galvanizado por inmersión en caliente.

Dimensiones en mm [pulgadas]
No incluye tornillería.

Specifications:

Hole size: 14.3 [0.562]
Hole spacing: 20.6 [0.812]
Hole spacing: 47.6 [1.875]

Materials & finishes:

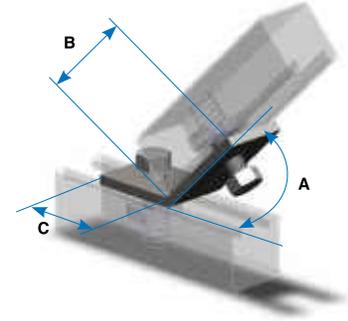
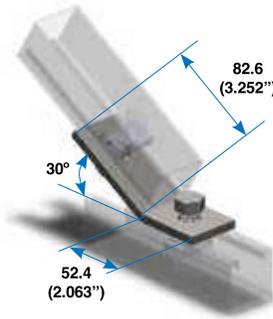
Strip steel.
Stainless steel.
Electrolytic galvanized, hot-dip galvanized.

Dimensions mm [in]
Hardware not included.

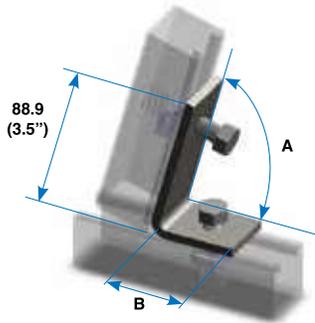
Conexiones angulares

Angular fittings

| Conector Angular abierto 2 orificios <i>Two hole open angle</i> | | | |
|--|---------------|----------------|----------------|
| No. de catálogo <i>Catalog number</i> | A (ángulo) | B mm (pulg) | C mm (pulg) |
| LU-2097 | 60° | 85.7 (3.374") | 47.6 (1.874") |
| LU-1546 | 45° | 76.2 (3.000") | 58.7 (2.311") |
| LU-2101 | 30° | 82.6 (3.252") | 52.4 (2.063") |



| Conector Angular cerrado 2 orificios <i>Two hole closed angle</i> | | |
|--|---------------|----------------|
| No. de catálogo <i>Catalog number</i> | A (ángulo) | B mm (pulg) |
| LU-2108 | 60° | 70.6 (2.780") |
| LU-2111 | 45° | 76.2 (3.000") |
| LU-2112 | 30° | 82.5 (3.250") |



Especificaciones:

Diámetro de orificio: 14.3 [0.562]
 Espaciamiento del centro de orificio al extremo: 20.6 [0.812]
 Espaciamiento entre centro de orificios: 47.6 [1.875]

Material y acabado:

Acero al carbón.
 Acero inoxidable.
 Galvanizado electrolítico, galvanizado por inmersión en caliente.

Dimensiones en mm [pulgadas]
 No incluye tornillería.

Specifications:

Hole size: 14.3 [0.562]
 Hole spacing: 20.6 [0.812]
 Hole spacing: 47.6 [1.875]

Materials & finishes:

Strip steel.
 Stainless steel.
 Electrolytic galvanized, hot-dip galvanized.

Dimensions mm [in]
 Hardware not included.

Sección 1.3 Accesorios de montaje para unicanal

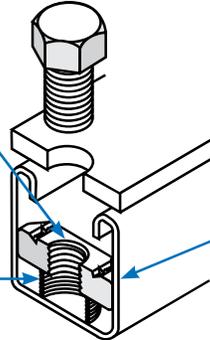
Section 1.3 Strut accessories

Tuercas Características

Nuts Features

Bisel cónico en la tuerca, facilita la manipulación del tornillo.
Nut bevel, for an easy screw handling

El resorte mantiene la tuerca en su lugar actuando como una "tercera mano" del trabajador.
The spring remains the nut in its position like a "worker's thirth hand".



Bordes de conexión en forma de pirámide y ranuras estriadas cónicas, producen una conexión fuerte como una prensa entre el canal y la tuerca.
Grooves in pyramid form and grip for a strongest union.

Tuercas para unicanal series LU-1000, LU-2000, LU-5500.
Nuts for LU-1000, LU-2000, LU-5500 channels series.

| No. de catálogo Catalog number | | Rosca Thread | Espesor mm (pulg) Thickness mm (in) |
|-----------------------------------|--------------------------|-----------------|--|
| Con resorte Spring | Sin resorte No spring | | |
| LU-1006 | LU-3006 | 1/4-20UNC | 6.4 (0.250) |
| LU-1007 | LU-3007 | 5/16-18UNC | 6.4 (0.250) |
| LU-1008 | LU-3008 | 3/8-16UNC | 9.5 (0.375) |
| LU-1010 | LU-3010 | 1/2-13UNC | 9.5 (0.375) |

Para unicanales series 3300, 4000 y combinaciones usar tuercas sin resorte.
For 3300 y 4000 Strut series and combinations use no spring nuts only.



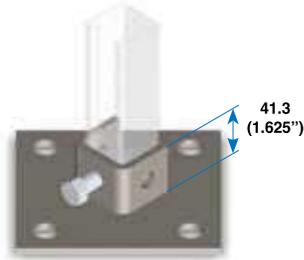
Material y acabado:
Acero al carbón
Galvanizado electrolítico

Materials & finishes:
Carbon steel
Electrolytic zinc coated

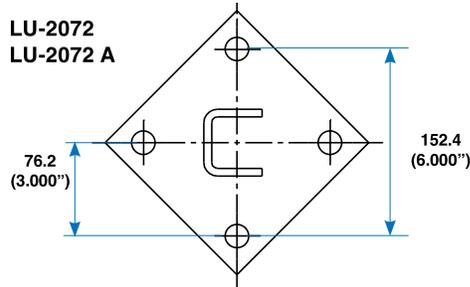
Bases para postes

LU-2072

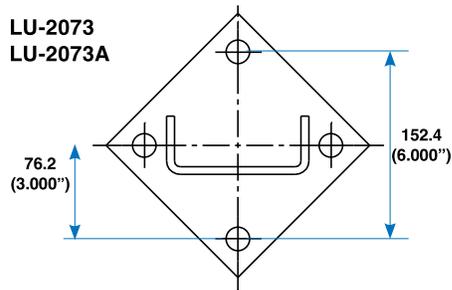
Base sencilla para poste unicanal.
Strut single post base.



LU-2072 LU-2072 A

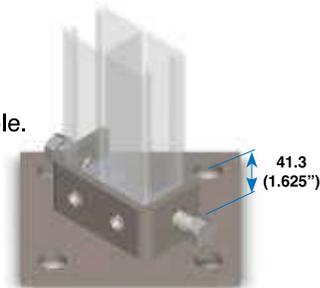


LU-2073 LU-2073A



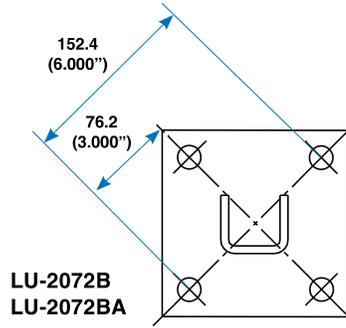
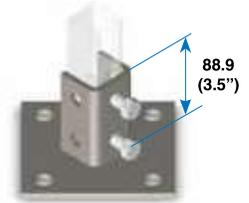
LU-2073

Base sencilla para poste unicanal doble.
Double Strut single post base.



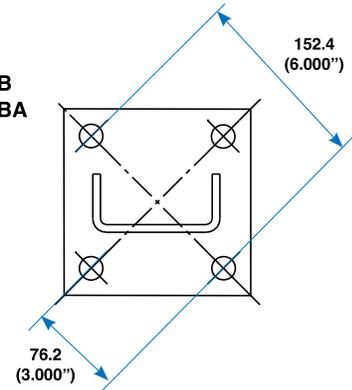
LU-2072 A

Base reforzada para poste unicanal.
Strut reinforced post base.



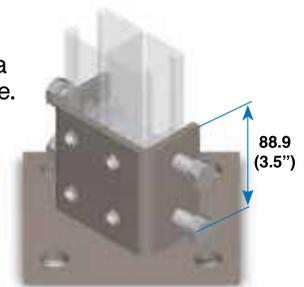
LU-2072B LU-2072BA

LU-2073B LU-2073BA



LU-2073A

Base reforzada para poste unicanal doble.
Double Strut Reinforced post base.



Material y acabado:

Acero al carbón, acero inoxidable.
Galvanizado electrolítico, por inmersión en caliente.

Para bases de poste aplicables a otros canales consulte a nuestro departamento técnico.

Materials & finishes:

Carbon steel, stainless steel.
Electrogalvanized zinc, hot dip galvanized.

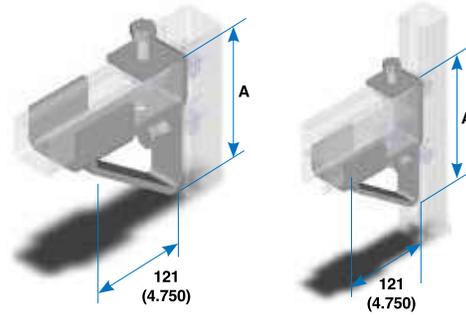
For other channel post bases please consult our technical department.

Ménsulas para unicanal

Ménsulas de unión (no carga cantiliver)
Union bracket (not for strength)

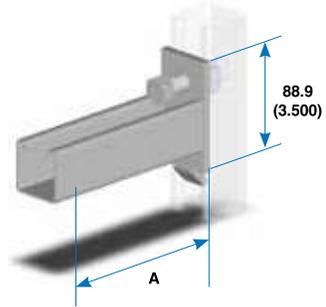
| No. de catálogo Catalog number | Canal Channel | Altura A Height A |
|-----------------------------------|------------------|----------------------|
| LU-1075 | LU-1000/LU-3301 | 149.2 (5.875) |
| LU-1593 | LU-1001 | 190.5 (7.5) |
| LU-1076 | LU-3300 | 128.6 (5.06) |
| LU-1077 | LU-5500 | 169.8 (6.68) |
| LU-1077A | LU-5501 | 231.7 (9.12) |

Strut bracket



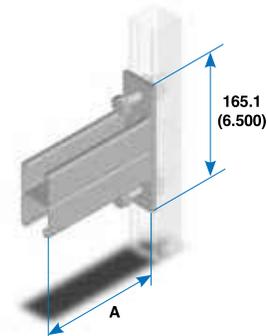
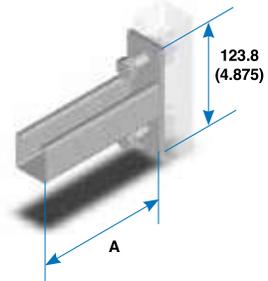
Ménsulas de canal ensamble tipo pestaña
Strut bracket lift type assembly

| No. de catálogo Catalog number | | Ancho de Charola Tray width | Longitud Length A | Carga uniforme Uniform load |
|-----------------------------------|------------------------------|--------------------------------|----------------------|--------------------------------|
| Ranura superior Lips up | Ranura inferior Lips down | | | |
| LU-2511 | LU-2511A | 101.6 (4) | 152.4 (6) | 484 kg |
| LU-2513 | LU-2513A | 152.4 (6) | 203.2 (8) | 403 kg |
| LU-2512 | LU-2512A | 228.6 (9) | 279.4 (11) | 282 kg |
| LU-2514 | LU-2514A | 304.8 (12) | 355.6 (14) | 221 kg |
| LU-2515 | LU-2515A | 457.2 (18) | 508.0 (20) | 161 kg |
| LU-2519 | LU-2519A | 508.0 (20) | 558.8 (22) | 140 kg |
| LU-2516 | LU-2516A | 609.6 (24) | 660.4 (26) | 115 kg |
| LU-2517 | LU-2517A | 762.0 (30) | 812.8 (32) | 100 kg |
| LU-2518 | LU-2518A | 914.4 (36) | 965.2 (38) | 85 kg |



Ménsulas de canal sencillo y doble ensamble tipo pared.
Single and double Strut bracket wall type assembly

| No. de catálogo Catalog number | Ancho de charola Tray Width | Longitud Length A | Carga uniforme Uniform load | |
|-----------------------------------|--------------------------------|----------------------|--------------------------------|---------|
| | | | LU-1000 | LU-2000 |
| LU-2539 | 101.6 (4) | 152.4 (6) | 408 kg | 363 kg |
| LU-2540 | 152.4 (6) | 203.2 (8) | 340 Kg | 302 Kg |
| LU-2541 | 228.6 (9) | 279.4 (11) | 238 Kg | 211 Kg |
| LU-2542 | 304.8 (12) | 355.6 (14) | 187 Kg | 166 Kg |
| LU-2543 A | 457.2 (18) | 508.0 (20) | 453 Kg | 403 Kg |
| LU-2544 A | 609.6 (24) | 660.4 (26) | 325 Kg | 289 Kg |
| LU-2545 A | 762.0 (30) | 812.8 (32) | 282 Kg | 250 Kg |
| LU-2546 A | 914.4 (36) | 965.2 (38) | 240 Kg | 213 Kg |



Material y acabado:

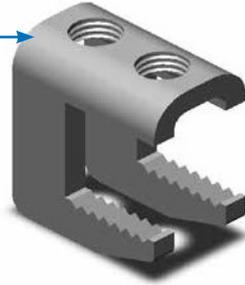
Acero al carbón, acero inoxidable.
Galvanizado electrolítico, por inmersión en caliente.
Dimensiones mm (pulg).

Materials & finishes:

Carbon steel, stainless steel.
Finishes: electrogalvanized zinc, hot dip galvanized.
Dimensions mm (in).

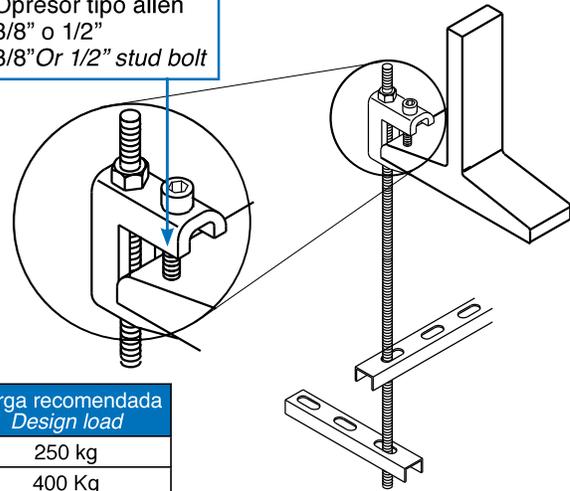
Mordazas de viga para unicanal

Mordaza para usarse con varilla de 3/8" o 1/2" de acuerdo a la carga.
Beam clamp for 3/8" or 1/2" threaded rod according to the design load.



Strut beam clamps

Opresor tipo allen 3/8" o 1/2"
 3/8" Or 1/2" stud bolt

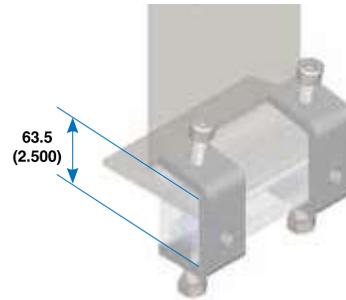


| No. de catálogo <i>Catalog number</i> | Tornillo <i>Hex screw</i> | Varilla <i>Threaded rod</i> | Carga recomendada <i>Design load</i> |
|--|------------------------------|--------------------------------|---|
| LU-2676 3/8 | 3/8-16UNC | 3/8-16UNC | 250 kg |
| LU-2676 1/2 | 1/2 -13UNC | 1/2 -13UNC | 400 Kg |

LU-1271S

Mordaza de viga exterior
 Carga recomendada 227kg para cada mordaza
 Aplicables para vigas con espesores de 22.2 mm y menores
 Cada mordaza incluye opresor tipo allen 1/2-13UNC x 38.1
 Se debe utilizar en pares
 Se venden por separado
 Aplicable a canales series 1000, 2000, 3301 y 4001

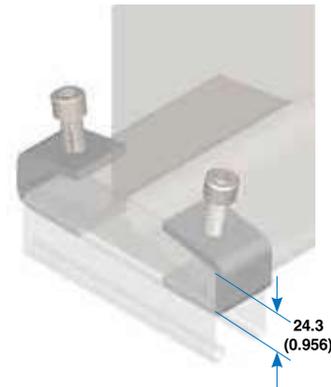
*External beam clamp
 Design load 500 lb (each one)
 Available for 7/8" or less beam thickness
 One 1/2-13UNC x 1 1/2" allen screw included per clamp
 It should be used in pairs
 Sold separately
 For use in channel 1000, 2000, 3301 and 4001 series*



LU-1272S

Mordaza de viga interior
 Carga recomendada 204 kg para cada mordaza.
 Aplicables para vigas con espesores de 19 mm y menores
 Cada mordaza incluye opresor tipo allen 1/2-13UNC x 38.1
 Se debe utilizar en pares
 Se venden por separado
 Aplica a todos los unicanales

*Internal beam clamp
 Design load 450 lb (each one)
 Available for 3/4" or less beam thickness
 One 1/2-13UNC x 1 1/2" allen screw included per clamp
 It should be used in pairs
 Sold separately
 For use in all channel series*



Material y acabado:

Acero al carbón, acero inoxidable.
 Galvanizado electrolítico, inmersión en caliente
 Dimensiones mm (pulg)

Materials & finishes:

Carbon steel, stainless steel
 Electro galvanized zinc, hot dip galvanized
 Dimensions mm (in)

Para mordazas a canales diferentes a los mostrados, consulte nuestro departamento técnico.

For channel beam clamps not shown, please contact our technical department.

Abrazadera de viga para unicanal

Strut beam clamps

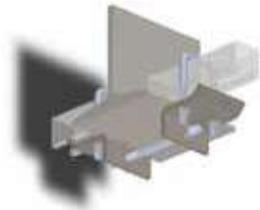
LU-2868

Abrazadera para viga.
Aplicables para vigas con espesores de 22.2 mm y menores.
Se debe utilizar en pares.
Se venden por separado.
Aplicable a canales series 1000, 2000, 3301 y 4001.

Beam clamp

Available for 7/8" or less beam thickness
It should be used in pairs
Sold separately
For use in 1000, 2000, 3301 and 4001 channel series

| Clave | Ancho patin viga |
|------------|------------------|
| LU-2868-6 | 4" - 6" |
| LU-2868-9 | 6" - 9" |
| LU-2868-12 | 9" - 12" |
| LU-2868-15 | 12" - 15" |
| LU-2868-18 | 15" - 18" |



LU-2867

Abrazadera para viga
Aplicables para vigas con espesores de 22.2 mm y menores.
Aplicable a canales series 1000, 2000, 3301 Y 4001

Beam clamp

Available for 7/8" or less beam thickness
For use in 1000, 2000, 3301 and 4001 channel series

| Clave | Ancho patin viga |
|------------|------------------|
| LU-2867-6 | 4" - 6" |
| LU-2867-9 | 6" - 9" |
| LU-2867-12 | 9" - 12" |
| LU-2867-15 | 12" - 15" |
| LU-2867-18 | 15" - 18" |

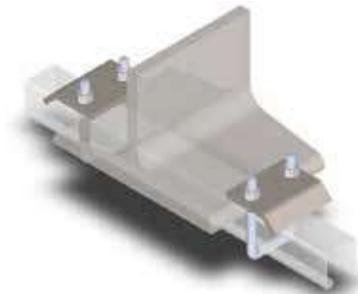


LU-2785

Mordaza de viga tipo abrazadera
Carga recomendada 455kg para cada mordaza.
Aplicables para vigas con espesores de 22.2 mm y menores
Se debe utilizar en pares
Se vende por separado
Aplicable a canales series 1000, 2000, 3301 y 4001

Beam clamp

Design load 1000 lb (each one)
Available for 7/8" or less beam thickness
It should be used in pairs
Sold separately
For use in 1000, 2000, 3301 and 4001 channel series

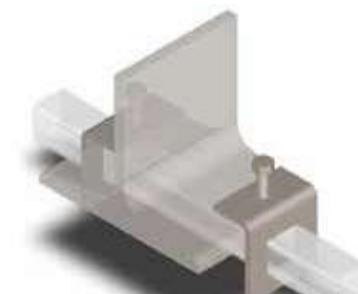


LU-1796S

Mordaza de viga tipo inserción
Carga recomendada 217kg para cada mordaza.
Aplicables para vigas con espesores de 22.2 mm y menores
Cada mordaza incluye tornillo
Cabeza hexagonal 1/2-13UNC x 38.1
Se debe utilizar en pares
Se vende por separado
Aplicable a canales series 1000, 2000, 3301 y 4001

Insertion beam clamp

Design load 480 lb (each one) available for 7/8" or less
Beam thickness
One 1/2-13UNC x 1 1/2" hex screw included for clamp
It should be used in pairs
Sold separately
For use in 1000, 2000, 3301 and 4001 channel series



Material y acabado:

Acero al carbón, acero inoxidable.
Galvanizado electrolítico, inmersión en caliente
Dimensiones mm (pulg)

Materials & finishes:

Carbon steel, stainless steel
Electrogalvanized zinc, hot dip galvanized
Dimensions mm (in)

Para mordazas a canales diferentes a los mostrados,
consulte nuestro departamento técnico.

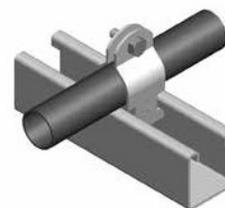
For channel beam clamps not shown, please contact
our technical department.

Abrazadera unicanal para tubo Conduit

Strut Conduit clamps

Tubo conduit de pared delgada (E.M.T.) Ced. 40

| No. de catálogo Catalog number | Diám nominal Designation | | Diám ext Tubo conduit mm (pulg) |
|-----------------------------------|-----------------------------|---------------|---------------------------------------|
| | Tubo | mm (pulg) | |
| LU-1109 | | 9.5 (3/8") | 14.7 (0.580) |
| LU-1111 | 16 | 12.7 (1/2") | 17.9 (0.700) |
| LU-1112 | 21 | 19.1 (3/4") | 23.4 (0.920) |
| LU-1113 | 27 | 25.4 (1") | 29.5 (1.160) |
| LU-1114 | 35 | 31.8 (1 1/4") | 38.4 (1.510) |
| LU-1115 | 41 | 38.1 (1 1/2") | 44.2 (1.740) |
| LU-1117 | 53 | 50.8 (2") | 55.8 (2.200) |
| LU-1118 | 63 | 63.5 (2 1/2") | 73.0 (2.870) |
| LU-1119 | 78 | 76.2 (3") | 88.9 (3.500) |
| LU-1120 | 91 | 88.9 (3 1/2") | 101.6 (4.000) |
| LU-1121 | 103 | 101.6 (4") | 114.3 (4.500) |
| LU-1123 | 129 | 127.0 (5") | 141.3 (5.560) |
| LU-1124 | 155 | 152.4 (6") | 168.3 (6.630) |



Material y acabado:

Acero al carbón, acero inoxidable, aluminio
Galvanizado mecánico, inmersión en caliente y tropicalizado.
Dimensiones mm (pulg)

Materials & finishes:

Carbon steel, stainless steel, aluminum
Mechanical, electro galvanized or hot dip galvanized
Dimensions mm (in)

1/4-20UNC x 3/4 long hex head screw and nut included

Tornillo y tuerca hexagonales de 1/4-20UNC x 19 long incluidos