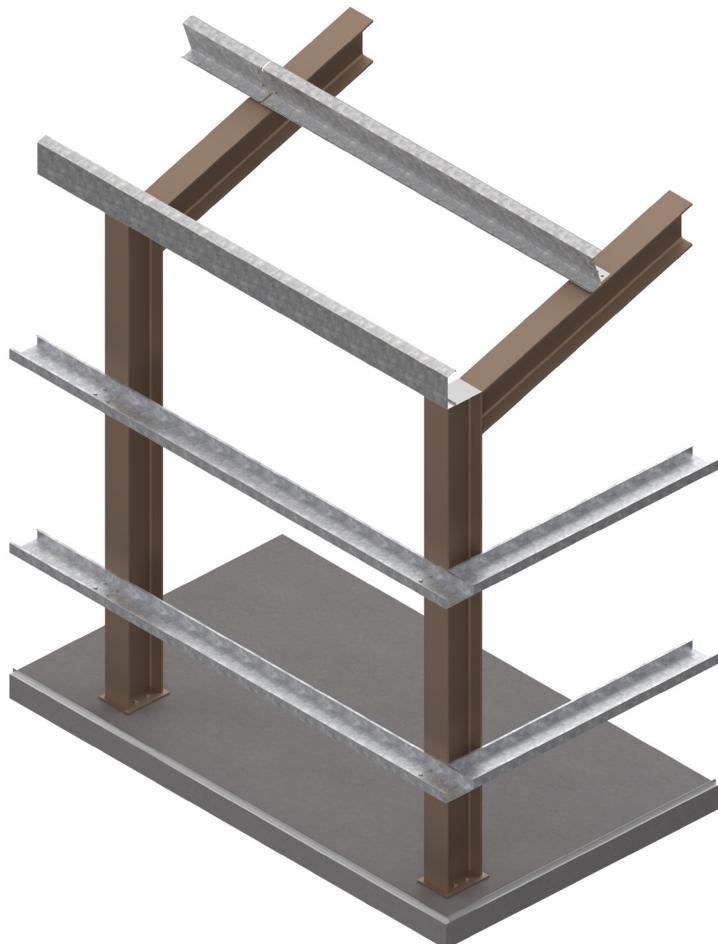


# Structural Components

CEES & ZEES  
REFERENCES GUIDE



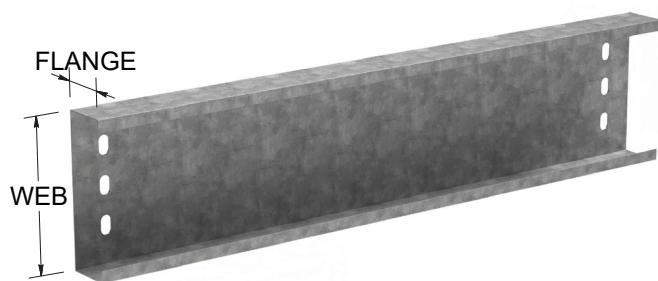
RIVERSIDE CA | SACRAMENTO CA | SALEM OR | AUBURN WA | SPOKANE WA

# Table of Contents

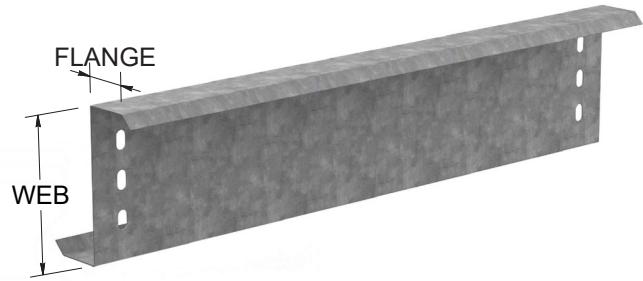
<b>3</b>	<b>Standard Cee &amp; Zee</b>
<b>4-5</b>	<b>Standard Punching &amp; Hole Pattern</b>
<b>6</b>	<b>Eave Struts</b>
<b>7</b>	<b>Clips &amp; Accessories</b>
<b>8-10</b>	<b>Standard Lap Conditions</b>
<b>11</b>	<b>Common PEMB Panels</b>
<b>12</b>	<b>Terms &amp; Conditions</b>

# Standard Cee & Zee Galvanized G-90

Standard Cee

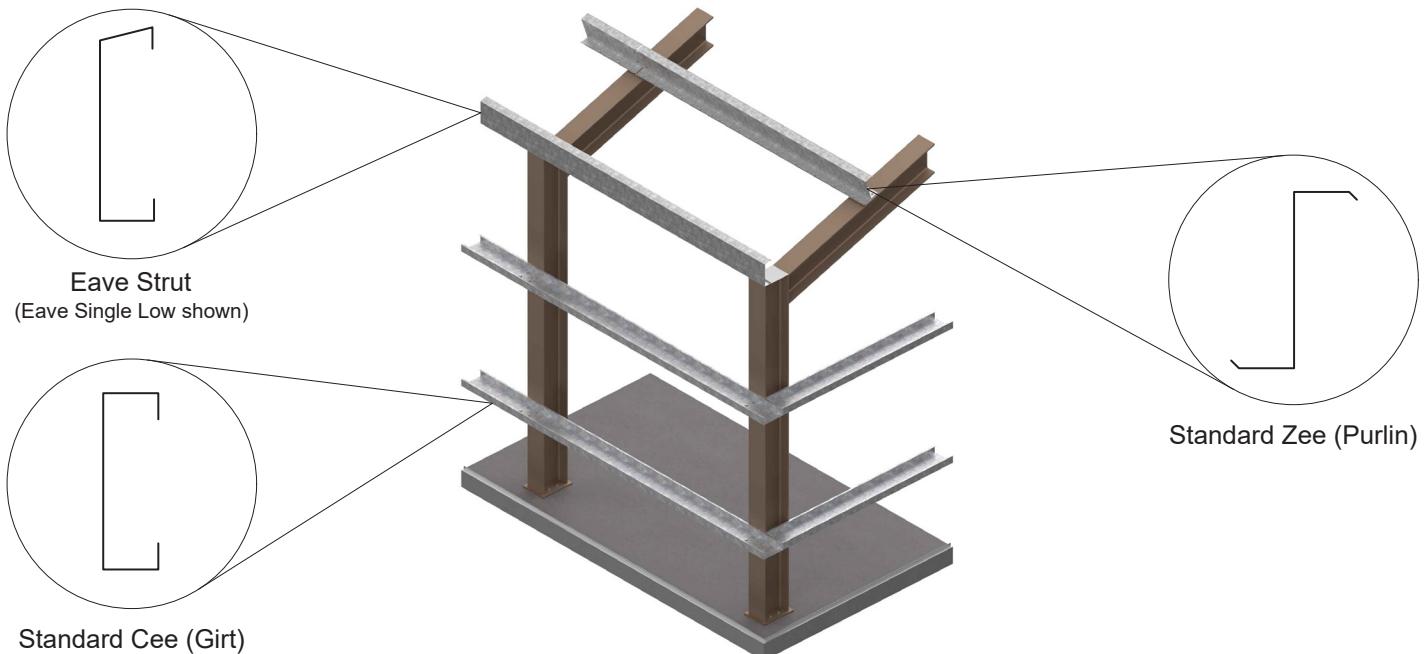


Standard Zee



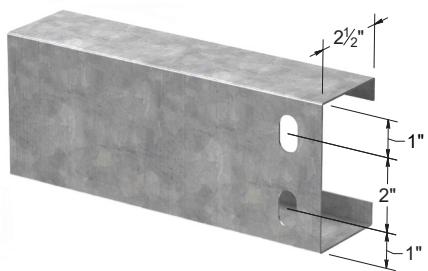
WEB	FLANGE	Gauge	Weight Per LF (LBS)	CEE Part Number	ZEE Part Number
4"	2.5"	16	2.42	PBC4x2.5-16	PBZ4x2.5-16
		14	2.84	PBC4x2.5-14	PBZ4x2.5-14
6"	2.5"	16	2.42	PBC6x2.5-16	PBZ6x2.5-16
		14	2.84	PBC6x2.5-14	PBZ6x2.5-14
8"	2.5"	16	2.82	PBC8x2.5-16	PBZ8x2.5-16
		14	3.41	PBC8x2.5-14	PBZ8x2.5-14
		12	4.92	PBC8x2.5-12	PBZ8x2.5-12
8"	3"	16	2.85	PBC8x3-16	PBZ8x3-16
		14	3.56	PBC8x3-14	PBZ8x3-14
		12	5.00	PBC8x3-12	PBZ8x3-12
10"	2.5"	14	3.90	PBC10x2.5-14	PBZ10x2.5-14
		12	5.62	PBC10x2.5-12	PBZ10x2.5-12

\*Please inquire for other gauges



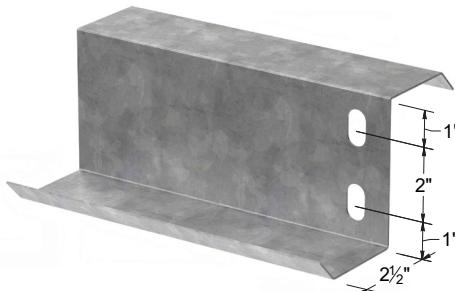
# Standard Punching and Hole Pattern

4" x 2.5" Cee



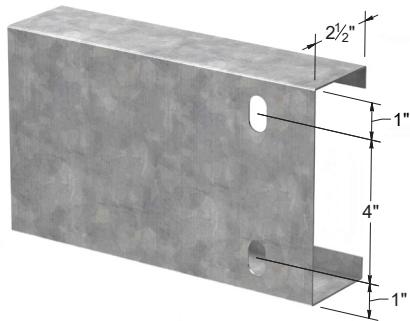
Gauge	Weight (LBS/FT)	Part Number
16	2.42	<b>PBC4x2.5-16</b>
14	2.84	<b>PBC4x2.5-14</b>

4" x 2.5" Zee



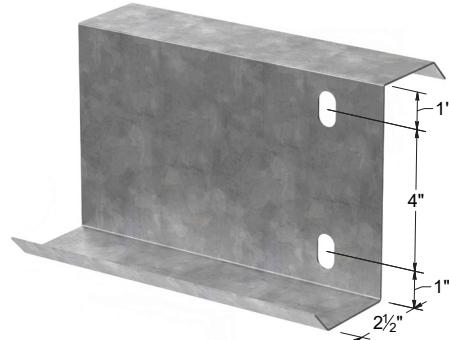
Gauge	Weight (LBS/FT)	Part Number
16	2.42	<b>PBZ4x2.5-16</b>
14	2.84	<b>PBZ4x2.5-14</b>

6" x 2.5" Cee



Gauge	Weight (LBS/FT)	Part Number
16	2.42	<b>PBC6x2.5-16</b>
14	2.84	<b>PBC6x2.5-14</b>

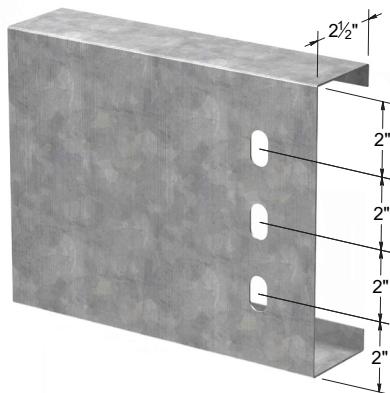
6" x 2.5" Zee



Gauge	Weight (LBS/FT)	Part Number
16	2.42	<b>PBZ6x2.5-16</b>
14	2.84	<b>PBZ6x2.5-14</b>

8" x 2.5" Cee

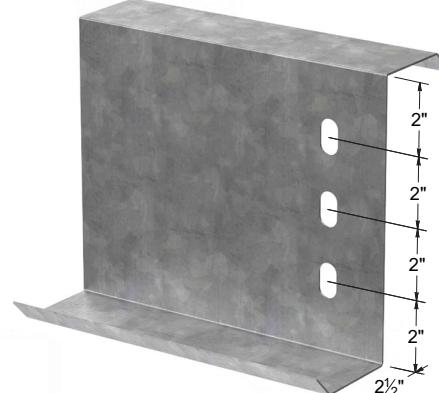
2 Holes available without center hole



Gauge	Weight (LBS/FT)	Part Number
16	2.82	<b>PBC8x2.5-16</b>
14	3.41	<b>PBC8x2.5-14</b>
12	4.92	<b>PBC8x2.5-12</b>

8" x 2.5" Zee

2 Holes available without center hole



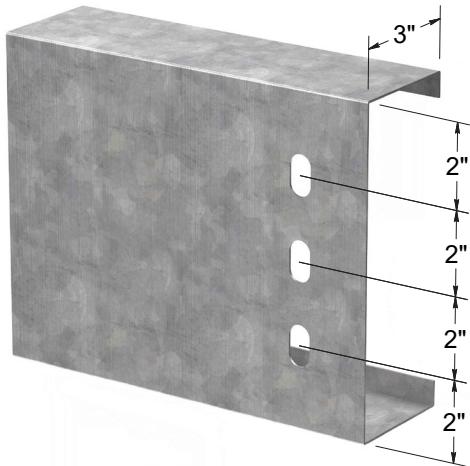
Gauge	Weight (LBS/FT)	Part Number
16	2.82	<b>PBZ8x2.5-16</b>
14	3.41	<b>PBZ8x2.5-14</b>
12	4.92	<b>PBZ8x2.5-12</b>

*\*Please inquire for custom punching*

# Standard Punching and Hole Pattern

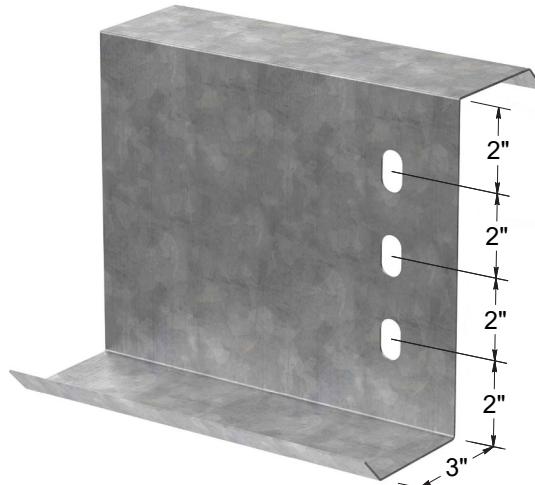
8" x 3" Cee

2 Holes available without center hole



8" x 3" Zee

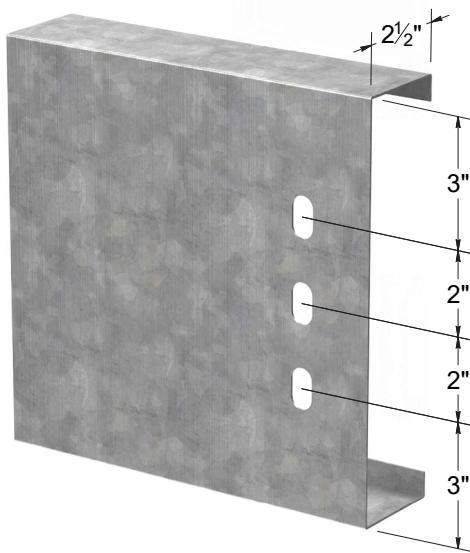
2 Holes available without center hole



Gauge	Weight (LBS/FT)	Part Number
16	2.85	<a href="#">PBC8x3-16</a>
14	3.56	<a href="#">PBC8x3-14</a>
12	5.00	<a href="#">PBC8x3-12</a>

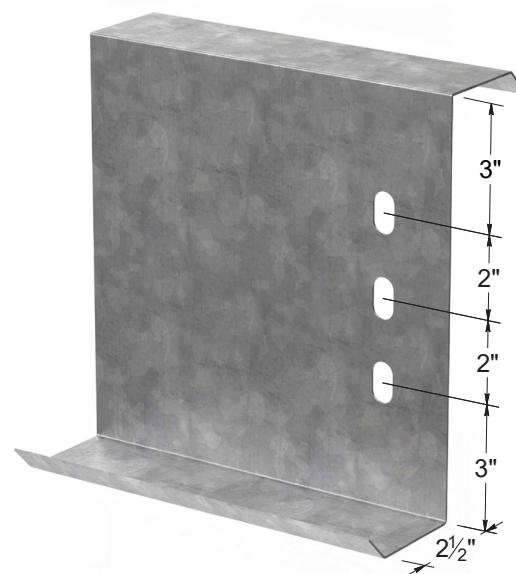
Gauge	Weight (LBS/FT)	Part Number
16	2.85	<a href="#">PBZ8x3-16</a>
14	3.56	<a href="#">PBZ8x3-14</a>
12	5.00	<a href="#">PBZ8x3-12</a>

10" x 2.5" Cee



Gauge	Weight (LBS/FT)	Part Number
14	4.06	<a href="#">PBC10x2.5-14</a>
12	5.63	<a href="#">PBC10x2.5-12</a>

10" x 2.5" Zee

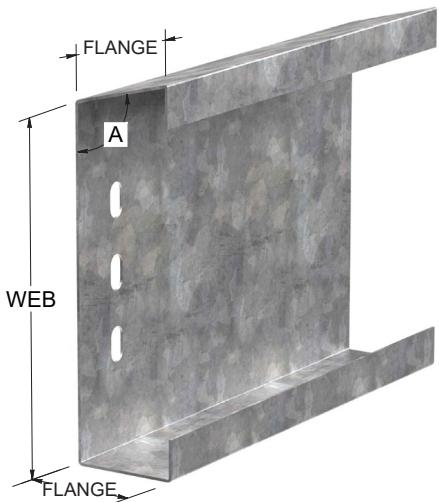


Gauge	Weight (LBS/FT)	Part Number
14	4.06	<a href="#">PBZ10x2.5-14</a>
12	5.63	<a href="#">PBZ10x2.5-12</a>

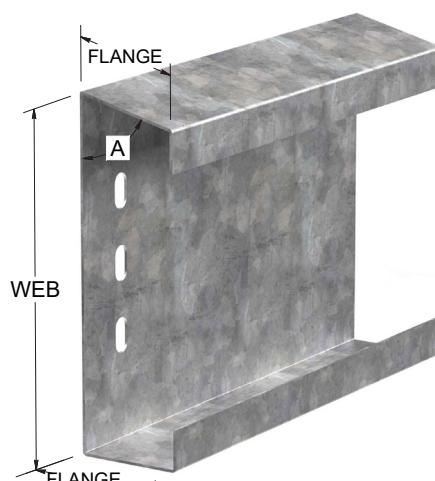
*\*Please inquire for custom punching*

# Eave Struts

## Eave Single Low (ESL)



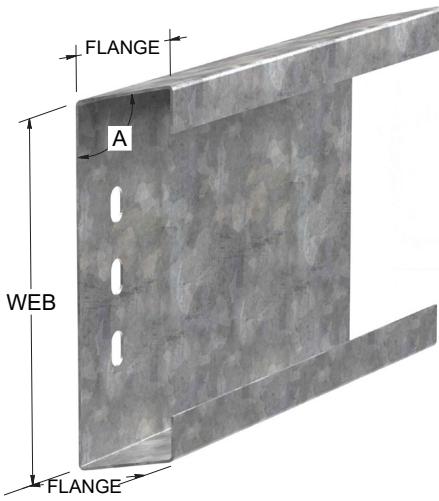
## Eave Single High (ESH)



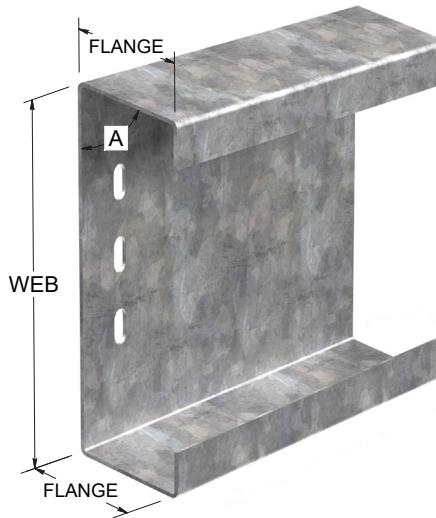
WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBESL6x2.5-16
		14	2.84	PBESL6x2.5-14
8"	3"	16	2.85	PBESL8x3-16
		14	3.56	PBESL8x3-14
		12	5.00	PBESL8x3-12
10"	2.5"	14	3.90	PBESL10x2.5-14
		12	5.36	PBESL10x2.5-12

WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBESH6x2.5-16
		14	2.84	PBESH6x2.5-14
8"	3"	16	2.85	PBESH8x3-16
		14	3.56	PBESH8x3-14
		12	5.00	PBESH8x3-12
10"	2.5"	14	3.90	PBESH10x2.5-14
		12	5.36	PBESH10x2.5-12

## Eave Double Low (EDL)



## Eave Double High (EDH)



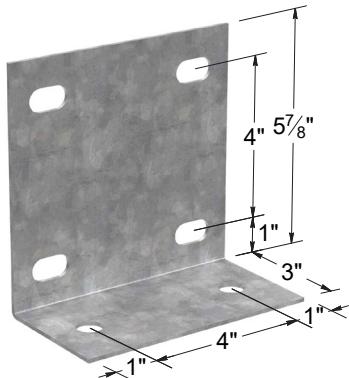
WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBEDL6x2.5-16
		14	2.84	PBEDL6x2.5-14
8"	3"	16	2.85	PBEDL8x3-16
		14	3.56	PBEDL8x3-14
		12	5.00	PBEDL8x3-12
10"	2.5"	14	3.90	PBEDL10x2.5-14
		12	5.36	PBEDL10x2.5-12

WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBEDH6x2.5-16
		14	2.84	PBEDH6x2.5-14
8"	3"	16	2.85	PBEDH8x3-16
		14	3.56	PBEDH8x3-14
		12	5.00	PBEDH8x3-12
10"	2.5"	14	3.90	PBEDH10x2.5-14
		12	5.36	PBEDH10x2.5-12

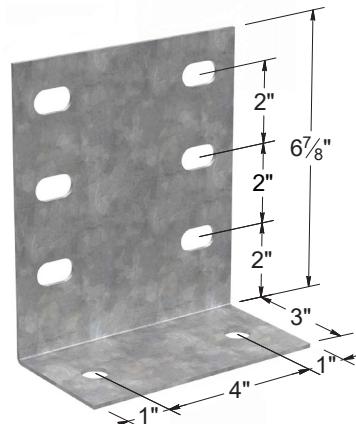
\*Inquire for custom sizes and angles

# Clips & Accessories

## 6" x 3" Purlin Clip

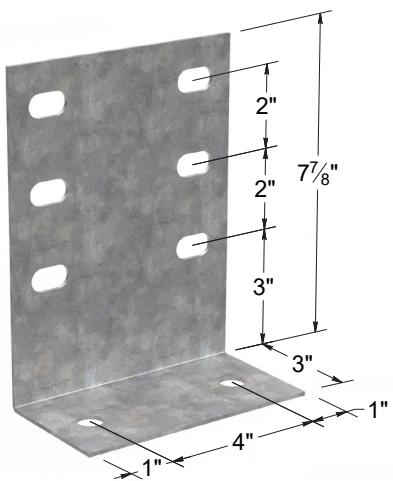


## 8" x 3" Purlin Clip



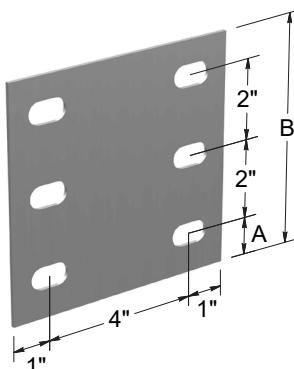
Gauge	Weight (LBS/FT)	Part Number
12	1.48	<a href="#">APC6x3-12</a>

## 10" x 2.5" Purlin Clip



Gauge	Weight (LBS/FT)	Part Number
12	1.65	<a href="#">APC10x2.5-12</a>

## Welded Purlin Clip



Gauge	A Dimension	B Dimension	Weight (LBS/FT)	Part Number
12	1"	5 7/8"	0.98	<a href="#">APCW6x3-12</a>
12	2"	6 7/8"	1.15	<a href="#">APCW8x3-12</a>
12	3"	7 7/8"	1.31	<a href="#">APCW10x3-12</a>

## Bolt and Nut and Washer

- sold by the box
- A 325 1/2" x 1-1/4"

A325 1/2" x 1-1/4" Bolt



A325 1/2" Nut



1-1/2" Fender Washer

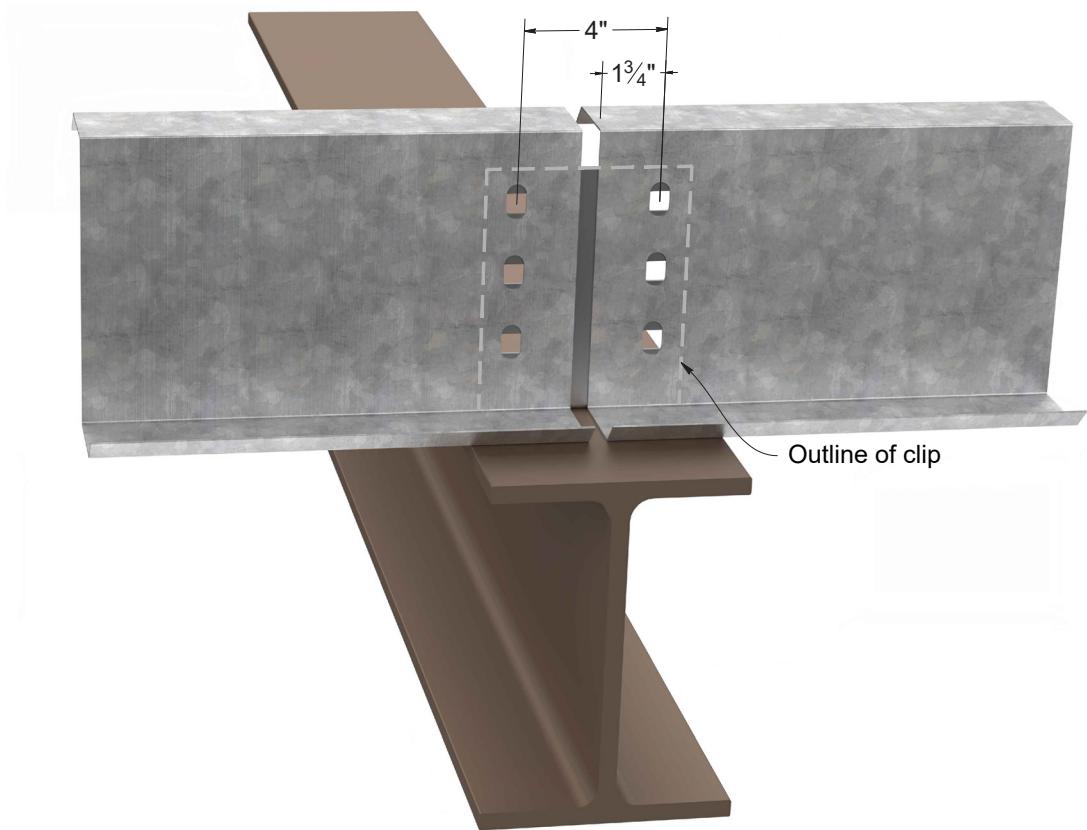


**Note: Additional sizes available. Bolts, nuts, and washers sold separately.**

# Standard Lap Conditions

## *Simple Span*

*Front View*



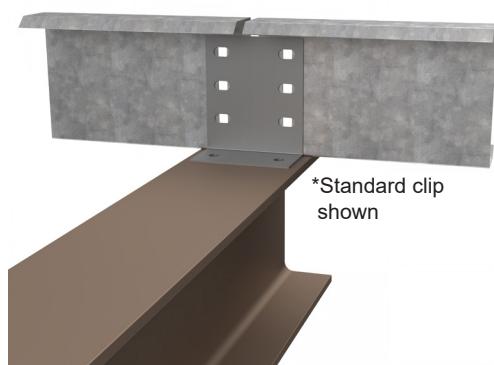
**Note:**

- Circular holes measure: 1/2", 5/8" or 11/16"
- Oval-shaped holes measure: 9/16" x 1" or 3/4" x 1"

**Order Information:**

1. To determine actual order length, subtract 1/2" from bay spacing.
2. To determine end bay actual order length, subtract 1/2" from bay spacing.

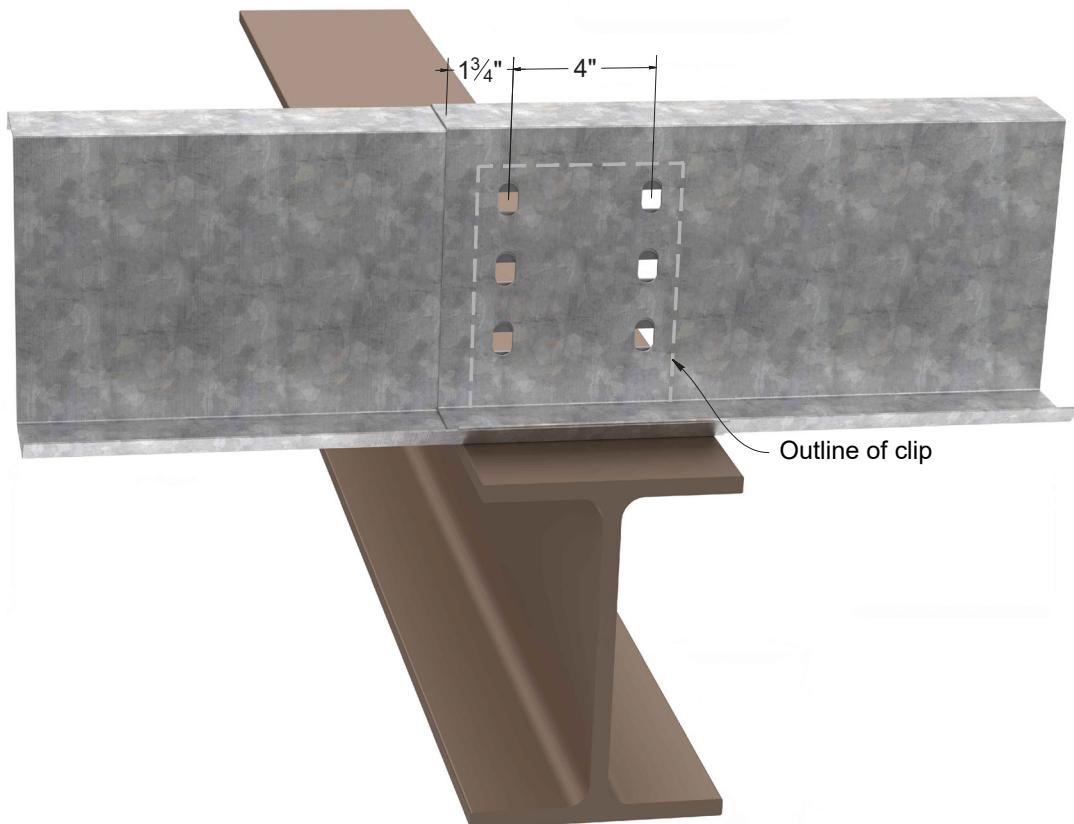
*Back View*



# Standard Lap Conditions

## Short Lap “Type SL”

Front View



**Note:**

- Circular holes measure: 1/2", 5/8" or 11/16"
- Oval-shaped holes measure: 9/16" x 1" or 3/4" x 1"

**Order Information:**

1. To determine actual order length, add 7-1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 3-3/4" to bay spacing.

Back View

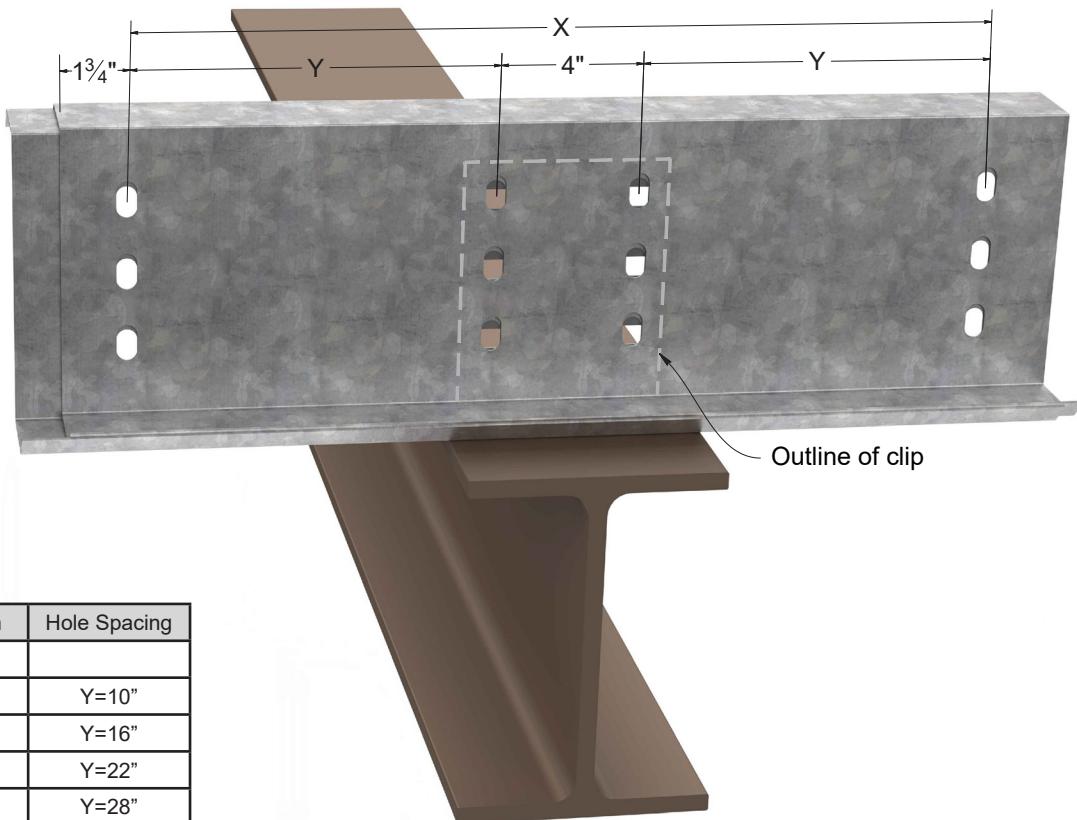


\*Standard clip shown

# Standard Lap Conditions

## Long Lap “Type LL”

Front View



Lap Length	Hole Spacing
X=12"	
X=24"	Y=10"
X=36"	Y=16"
X=48"	Y=22"
X=60"	Y=28"

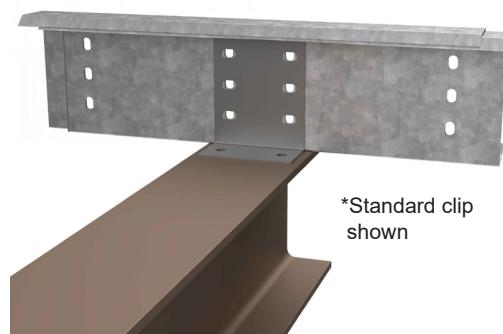
**Note:**

- Circular holes measure: 1/2", 5/8" or 11/16"
- Oval-shaped holes measure: 9/16" x 1" or 3/4" x 1"

**Order Information:**

1. To determine actual order length, add 2' 3-1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 1' 1-3/4" to bay spacing.

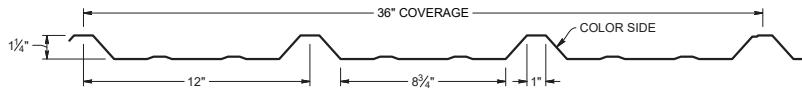
Back View



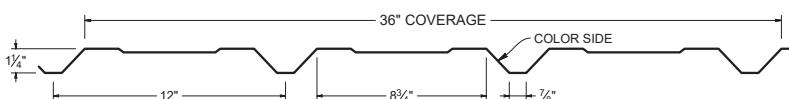
# Common PEMB Panels

PEMB Panels - available in 26ga ArmorTech™ & 24ga Kynar 500® PVDF Resin

## PBR



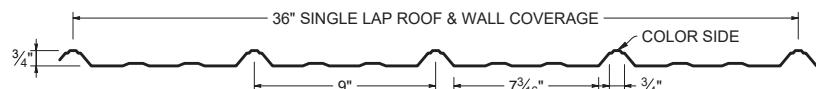
## Marion "R" Panel™



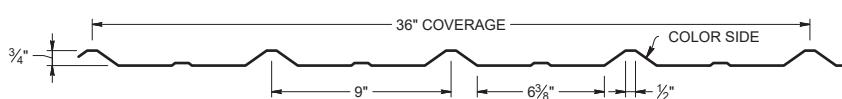
#12 Tek Self Driller with Neoprene Washer



## Tuff Rib



## T-3™



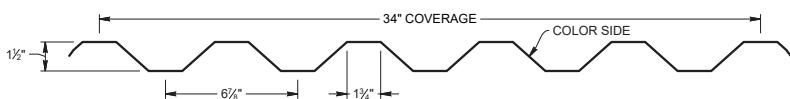
#12 Tek Screw Hex Head



## GR-7™



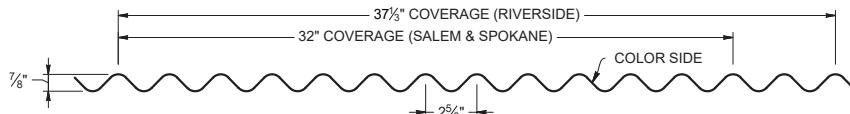
## HR-34™



#14 x 7/8" Lap Tek Stitch



## Classic 7/8" Corrugated™



24GA MS-200™ - only available in Kynar 500® PVDF Resin

## MS-200™



## Standoff Clip



#10 x 1" Pancake Quadrex Head Tek Self-Driller



PVDF is a fluoropolymer that is manufactured under the trademarked names Kynar 500® and Duranar (PPG). Paint finishes containing a minimum 70% PVDF resin meet the high-performance weathering criteria established by the American Architectural Manufacturing Association and are allowed to carry the Kynar500® trademarked name. Zincalume & Zincalume® Plus are registered trademarks of Bluescope Ltd. Galvalume® is a registered trademark of BIEC International, Inc. Vintage® is a registered trademark of Steelscape, Inc. Kynar® and Kynar 500® is a registered trademark of Arkema, Inc.



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February 2026