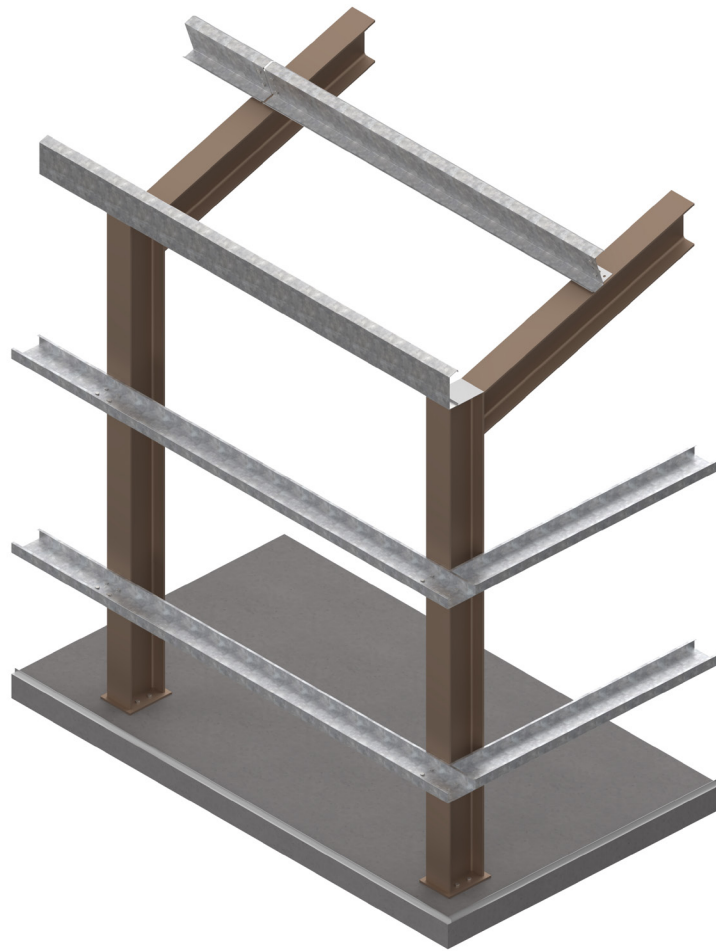


Structural Components

CEES & ZEES
REFERENCES GUIDE



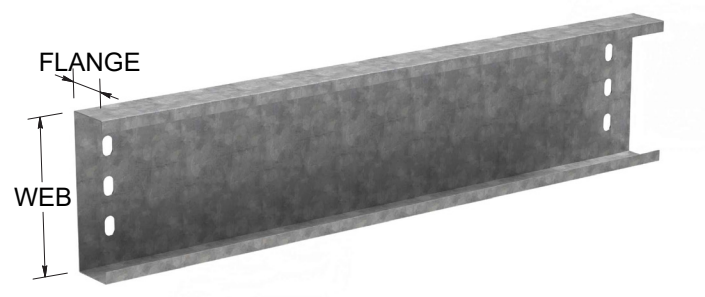
RIVERSIDE CA | SACRAMENTO CA | SALEM OR | AUBURN WA | SPOKANE WA

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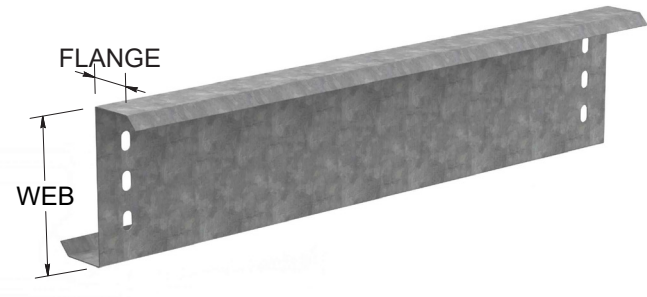
3	Standard Cee & Zee
4-5	Standard Punching & Hole Pattern
6	Eave Struts
7	Clips & Accessories
8-10	Standard Lap Conditions
11	Common PEMB Panels
12	Terms & Conditions

Standard Cee & Zee Galvanized G-90

Standard Cee

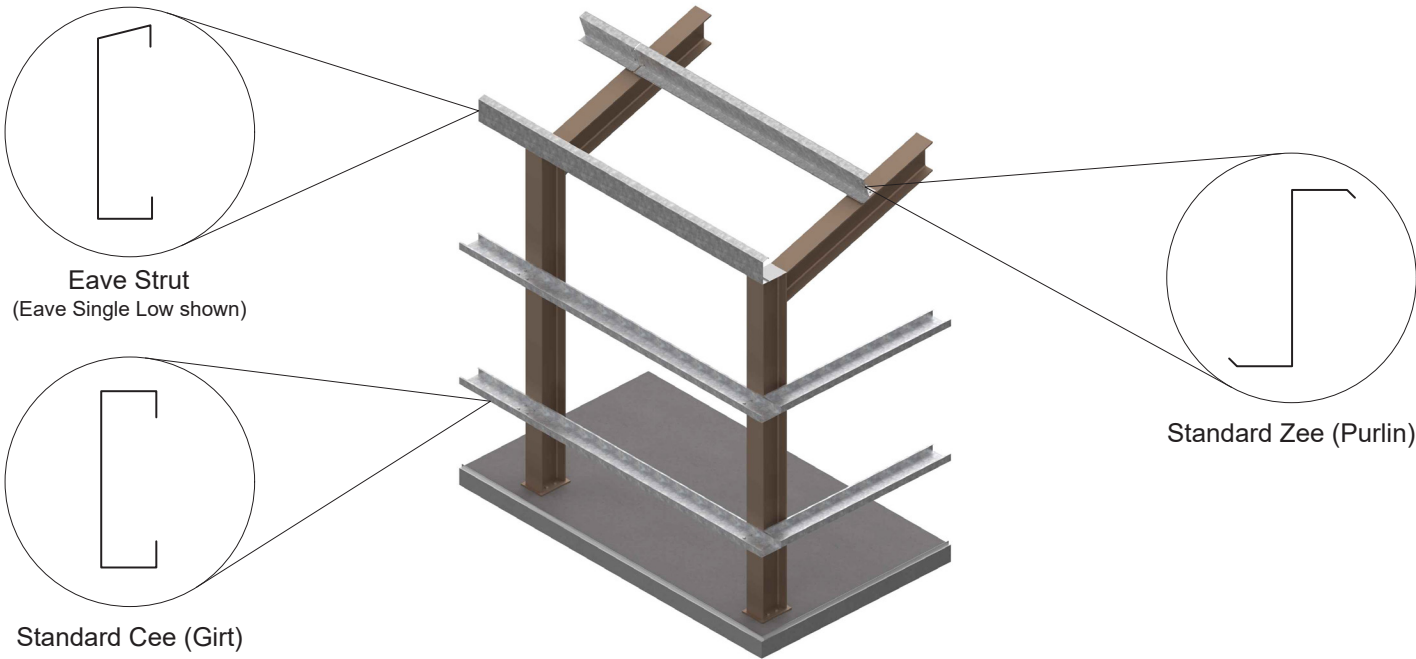


Standard Zee



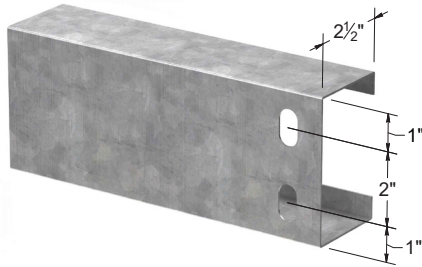
WEB	FLANGE	Gauge	Weight Per LF (LBS)	CEE Part Number	ZEE Part Number
4"	2.5"	16	2.42	PBC4x2.5-16	PBZ4x2.5-16
		14	2.84	PBC4x2.5-14	PBZ4x2.5-14
6"	2.5"	16	2.42	PBC6x2.5-16	PBZ6x2.5-16
		14	2.84	PBC6x2.5-14	PBZ6x2.5-14
8"	2.5"	16	2.82	PBC8x2.5-16	PBZ8x2.5-16
		14	3.41	PBC8x2.5-14	PBZ8x2.5-14
		12	4.92	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*



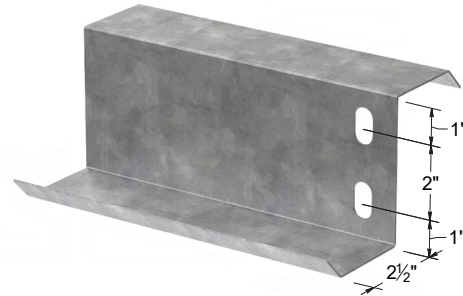
Standard Punching and Hole Pattern

4" x 2.5" Cee



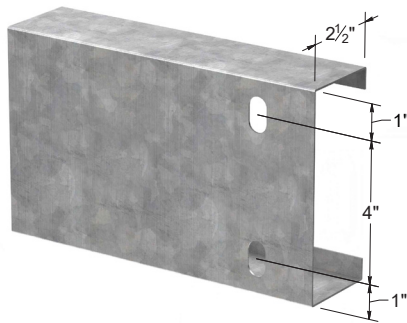
Gauge	Weight (LBS/FT)	Part Number
16	2.42	PBC4x2.5-16
14	2.84	PBC4x2.5-14

4" x 2.5" Zee



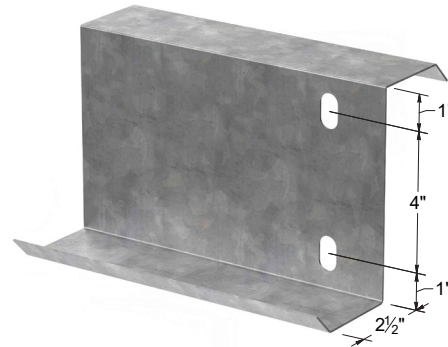
Gauge	Weight (LBS/FT)	Part Number
16	2.42	PBZ4x2.5-16
14	2.84	PBZ4x2.5-14

6" x 2.5" Cee



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

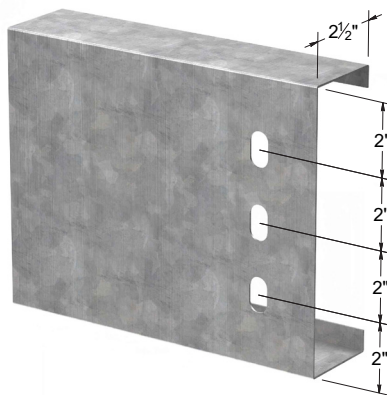
6" x 2.5" Zee



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

8" x 2.5" Cee

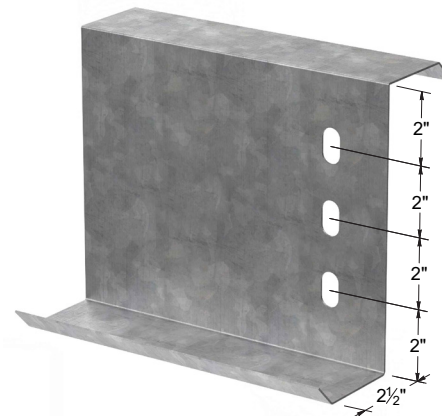
2 Holes available without center hole



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

8" x 2.5" Zee

2 Holes available without center hole



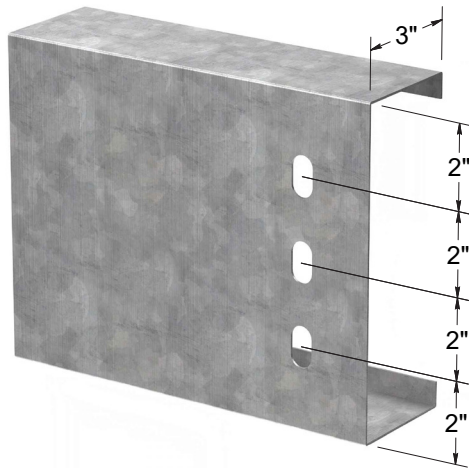
Gauge	Weight (LBS/FT)	Part Number
16	2.82	PBZ8x2.5-16
14	3.41	PBZ8x2.5-14
12	4.92	PBZ8x2.5-12

**Please inquire for custom punching*

Standard Punching and Hole Pattern

8" x 3" Cee

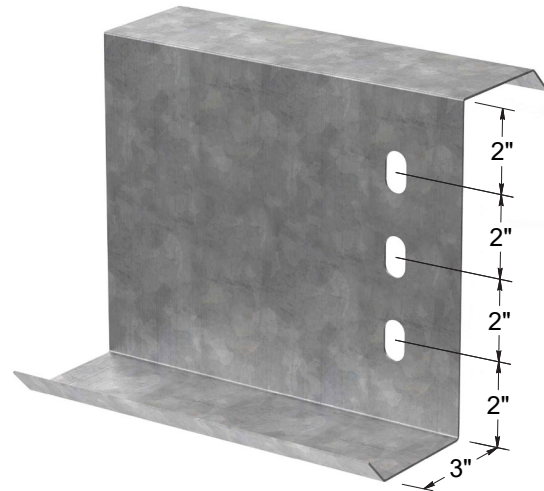
2 Holes available without center hole



Gauge	Weight (LBS/FT)	Part Number
16	2.85	PBC8x3-16
14	3.56	PBC8x3-14
12	5.00	PBC8x3-12

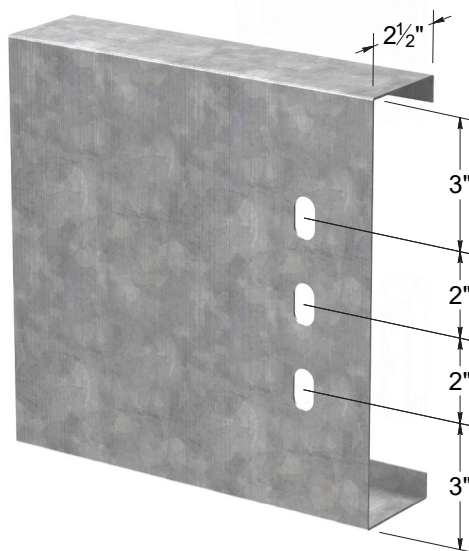
8" x 3" Zee

2 Holes available without center hole



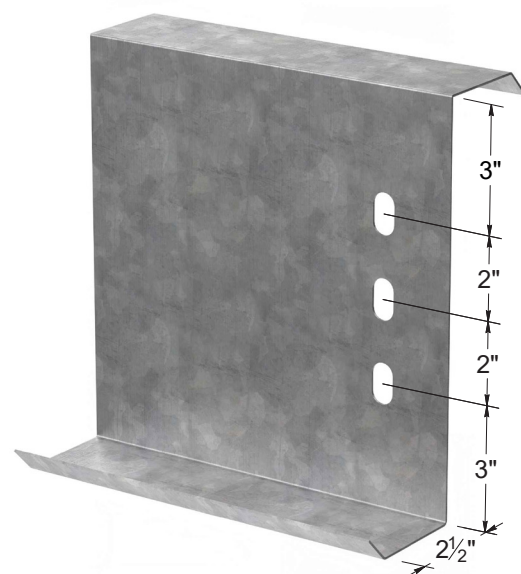
Gauge	Weight (LBS/FT)	Part Number
16	2.85	PBZ8x3-16
14	3.56	PBZ8x3-14
12	5.00	PBZ8x3-12

10" x 2.5" Cee



Gauge	Weight (LBS/FT)	Part Number
14	4.06	PBC10x2.5-14
12	5.63	PBC10x2.5-12

10" x 2.5" Zee

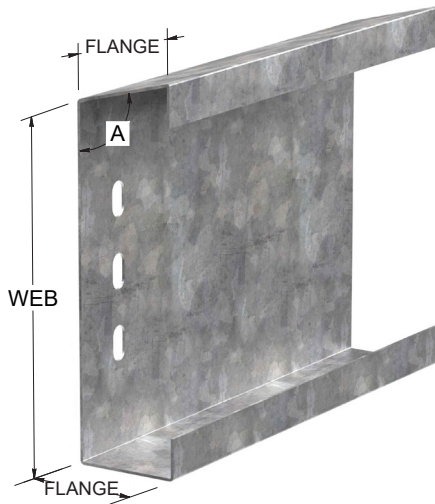


Gauge	Weight (LBS/FT)	Part Number
14	4.06	PBZ10x2.5-14
12	5.63	PBZ10x2.5-12

**Please inquire for custom punching*

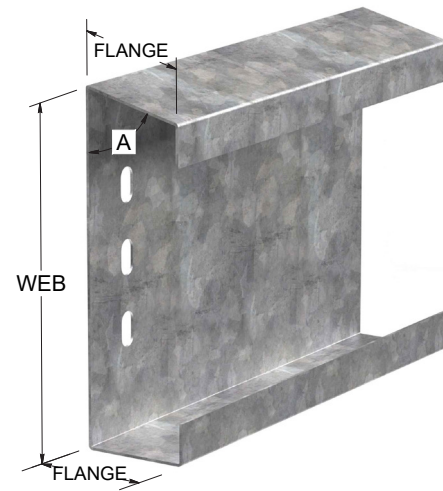
Eave Struts

Eave Single Low (ESL)



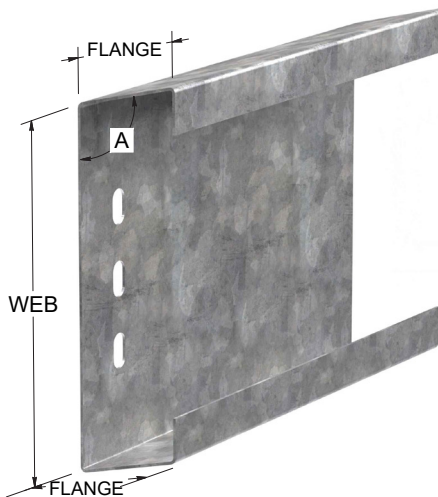
WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBESL6x2.5-16
		14	2.84	PBESL6x2.5-14
8"	3"	16	2.85	PBESL8x3-16
		14	3.56	PBESL8x3-14
		12	5.00	PBESL8x3-12
10"	2.5"	14	3.90	PBESL10x2.5-14
		12	5.36	PBESL10x2.5-12

Eave Single High (ESH)



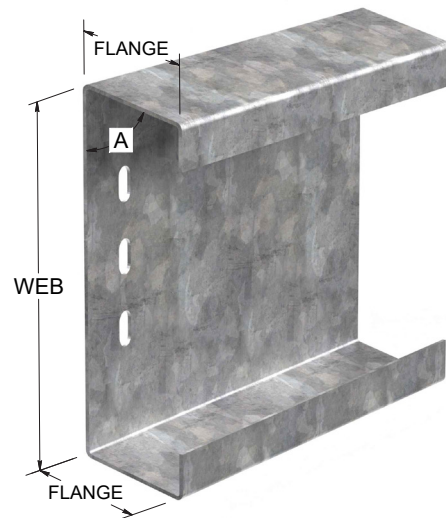
WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBESH6x2.5-16
		14	2.84	PBESH6x2.5-14
8"	3"	16	2.85	PBESH8x3-16
		14	3.56	PBESH8x3-14
		12	5.00	PBESH8x3-12
10"	2.5"	14	3.90	PBESH10x2.5-14
		12	5.36	PBESH10x2.5-12

Eave Double Low (EDL)



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

Eave Double High (EDH)

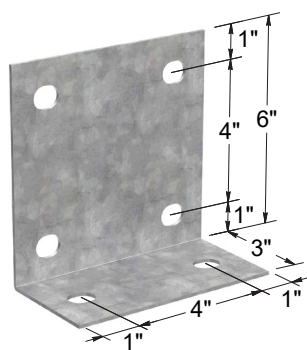


WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBEDH6x2.5-16
		14	2.84	PBEDH6x2.5-14
8"	3"	16	2.85	PBEDH8x3-16
		14	3.56	PBEDH8x3-14
		12	5.00	PBEDH8x3-12
10"	2.5"	14	3.90	PBEDH10x2.5-14
		12	5.36	PBEDH10x2.5-12

**Inquire for custom sizes and angles*

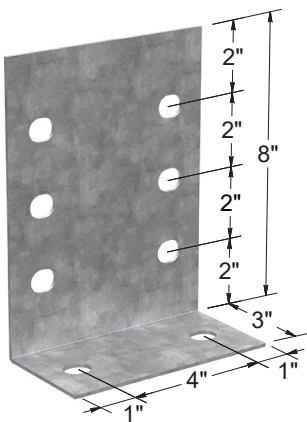
Clips & Accessories

6" x 3" Purlin Clip



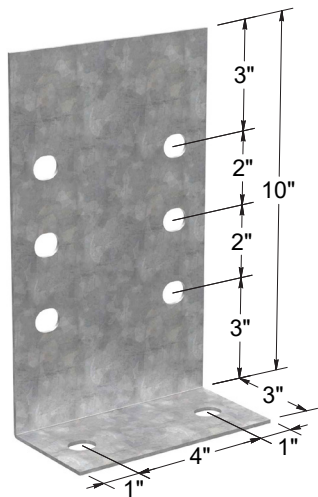
Gauge	Weight (LBS/FT)	Part Number
12	1.48	APC6x3-12

8" x 3" Purlin Clip



Gauge	Weight (LBS/FT)	Part Number
12	1.65	APC8x3-12

10" x 3" Purlin Clip



Gauge	Weight (LBS/FT)	Part Number
12	1.65	APC10x2.5-12

Bolt and Nut and Washer

- Sold by the box
- A 325 9/16" x 1-1/2"

A325 9/16" x 1-1/2" Bolt



A325 9/16" Nut



9/16" SAE Flat Washers

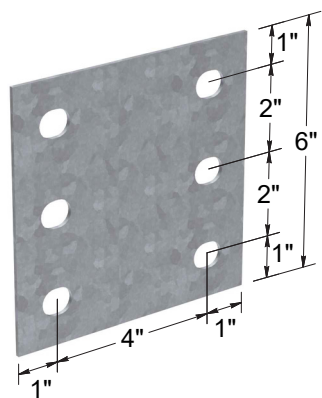


Note: Additional sizes available. Bolts, nuts, and washers sold separately.

Note: Oval-shaped holes for standard clips measure: 5/8" x 3/4"

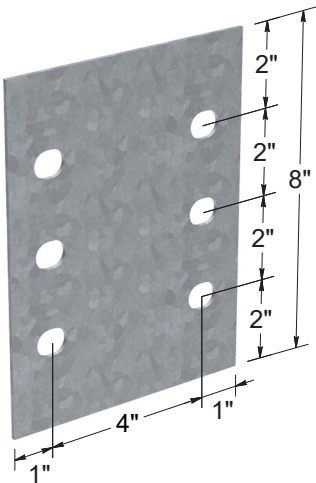
Welded Clips

6" x 6" Purlin Clip



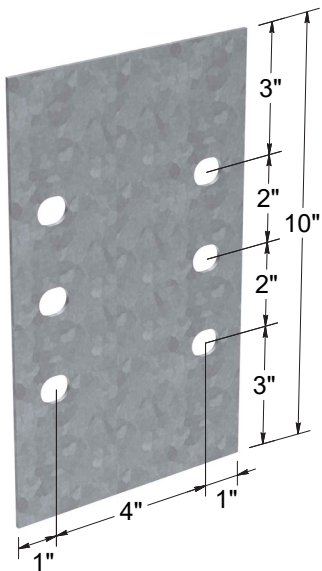
Gauge	Weight (LBS/FT)	Part Number
12	.98	APCW6X6-12

8" x 6" Purlin Clip



Gauge	Weight (LBS/FT)	Part Number
12	1.15	APCW8X6-12

10" x 6" Purlin Clip



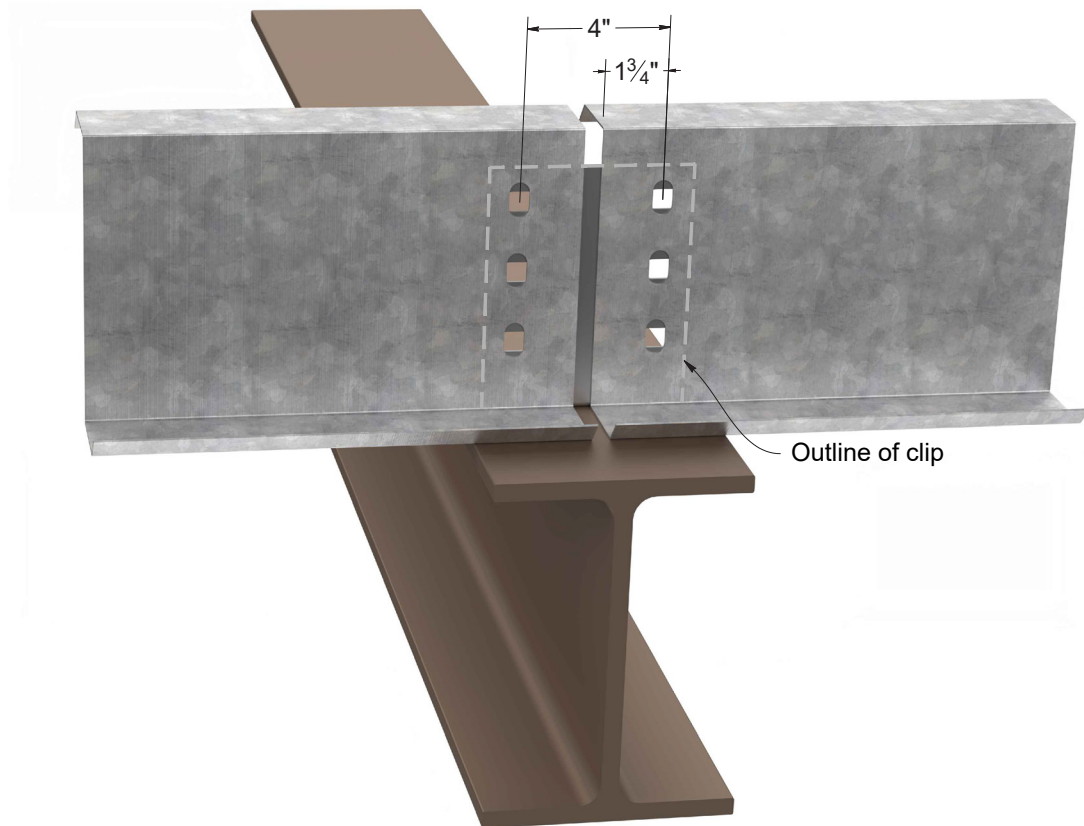
Gauge	Weight (LBS/FT)	Part Number
12	1.31	APC10x6-12

Note: Oval-shaped holes for standard clips measure: 5/8" x 3/4"

Standard Lap Conditions

Simple Span

Front View



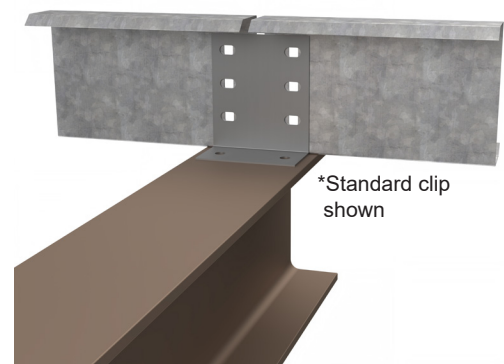
Note:

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

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.

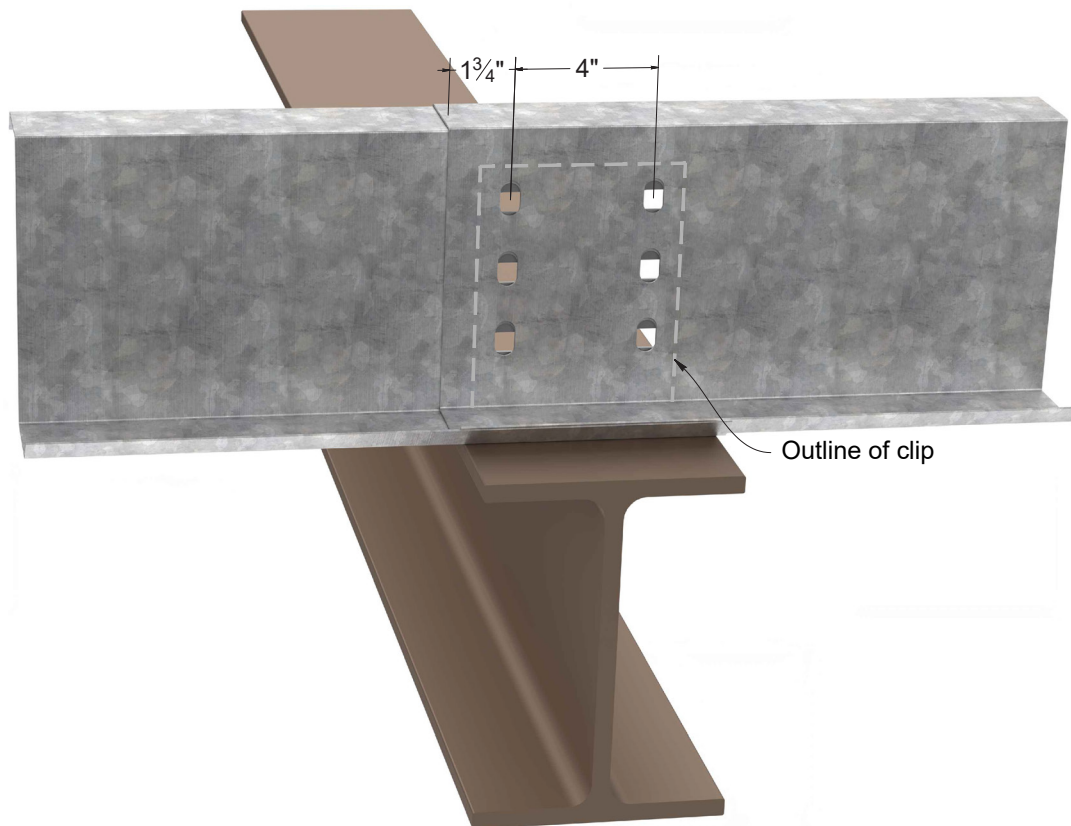
Back View



Standard Lap Conditions

Short Lap “Type SL”

Front View



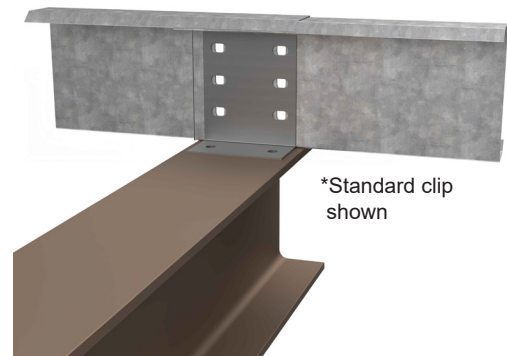
Note:

- Circular holes measure: $\frac{1}{2}"$, $\frac{5}{8}"$ or $\frac{11}{16}"$
- Oval-shaped holes measure: $\frac{9}{16}" \times \frac{3}{4}"$

Order Information:

1. To determine actual order length, add $7\frac{1}{2}"$ to bay spacing.
2. To determine end bay actual order length, subtract $\frac{1}{4}"$ for setback, then add $3\frac{3}{4}"$ to bay spacing.

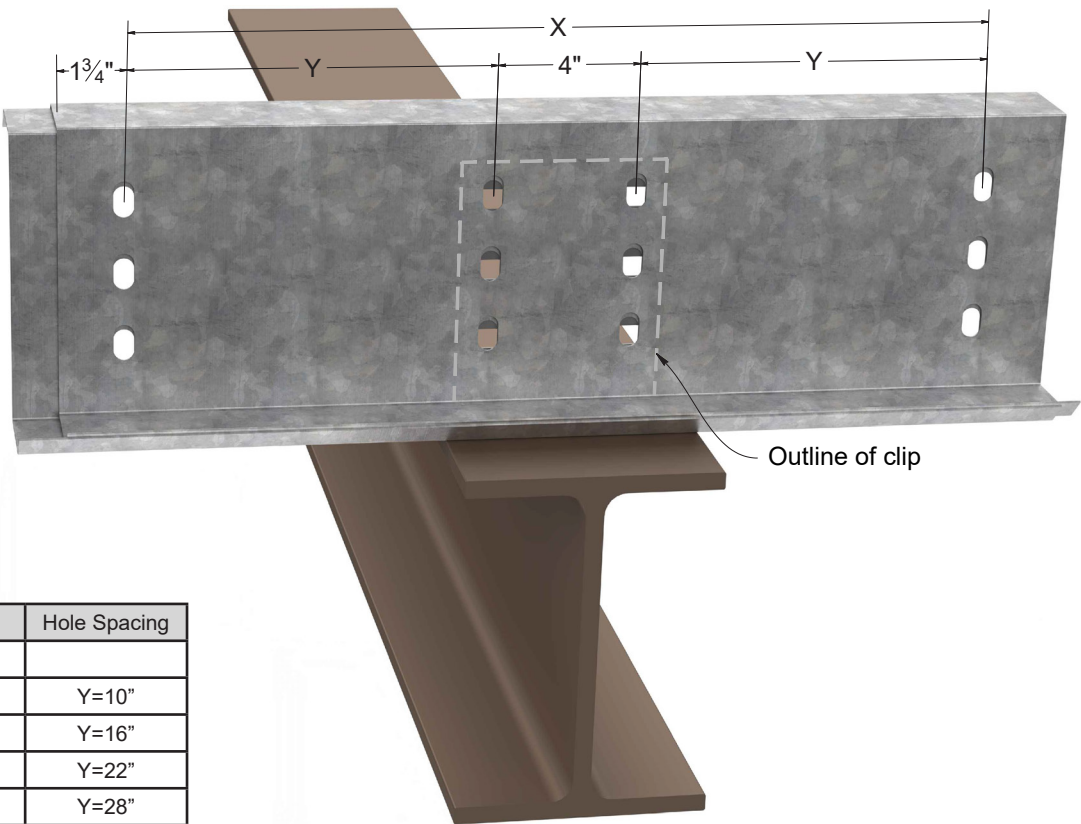
Back View



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"

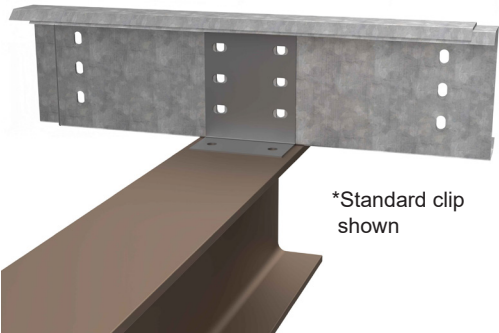
Note:

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

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



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