



MONARCH
METAL INC.



MONARCH
METAL INC.

📍 1700 Ocean Ave, Suite 2
Ronkonkoma, New York 11779

NEW
LOCATION

📍 1080 Linda Way, Unit 10
Sparks, NV 89431

ENGINEERED HANGING SYSTEMS & ARCHITECTURAL METALS

NEW
PRODUCTS

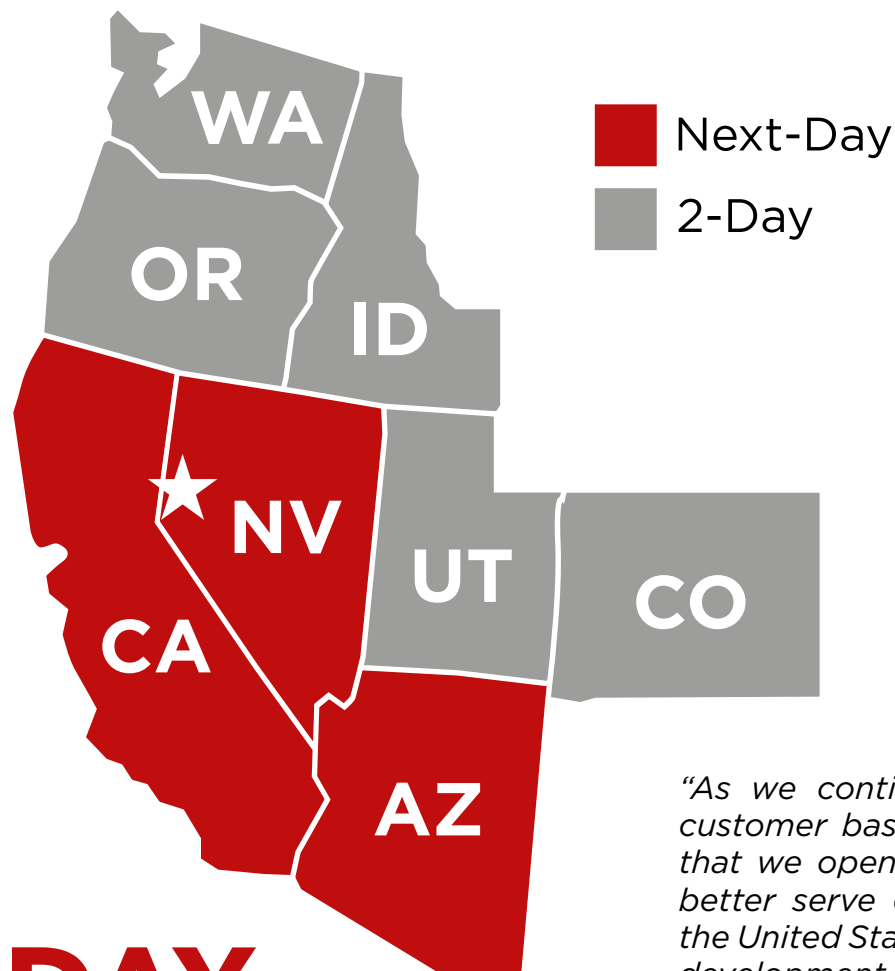
🌐 www.monarchmetal.com
✉ zclip@monarchmetal.com

☎ **(631) 750-3000**

NEW LOCATION IN SPARKS, NEVADA!

We can now better serve our West Coast and Intermountain customers with lower freight rates & quicker lead times. We will be able to ship orders same day with 1-2 day delivery on our most popular Z Clips, Cladding and Easy Panel Systems.

We will be adding more capabilities in the future to better serve our loyal customers. As we continue to grow, we will add products to be shipped out of Sparks saving you time and money.



**1-2 DAY
DELIVERY
TO THE WEST COAST**

"As we continue to grow our customer base, it is imperative that we open new locations to better serve our clients across the United States. It's an exciting development that we are now able to deliver stock product in 1-2 days to the West Coast from Sparks, Nevada."

◦ **Brandon Bingham,**
CEO of Monarch Metal Inc.

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◆ INDICATES NEW PRODUCT

Cover Credits



MULTIFAMILY HOUSE CARDENAL LLUCH
TRESPA® METEON®
ARCHITECT: ARCH-3 ARQUITECTOS



HPL RAIN SCREEN CLADDING
TRESPA® METEON®
ARCHITECT: CONTOR MÜLLER SCHLÜTER



MULTI HOUSING, APARTMENTS
TRESPA® METEON®
ARCHITECT: UND SACHVERSTÄNDIGENBÜRO

MONARCH Z CLIP HANGING SYSTEM



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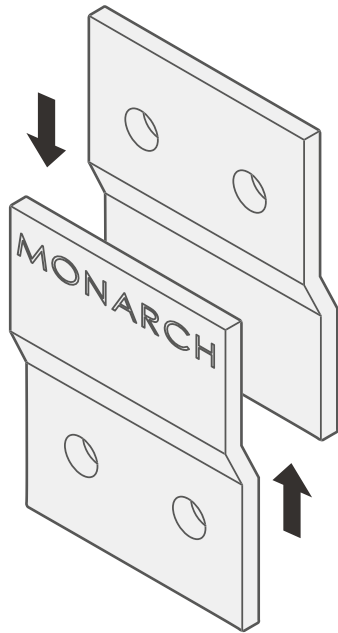
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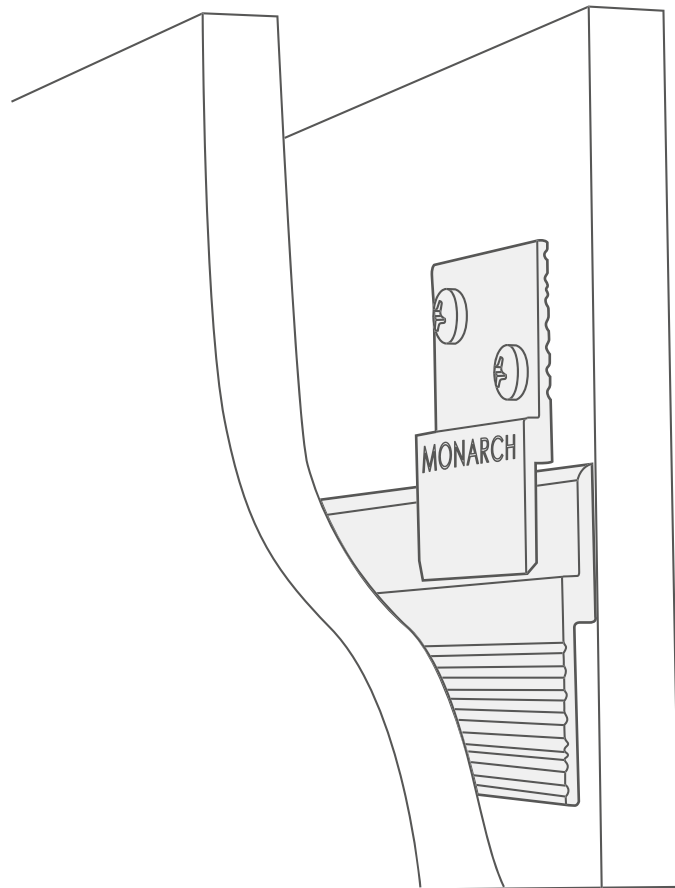
Zero Lift Clip 23

Overview

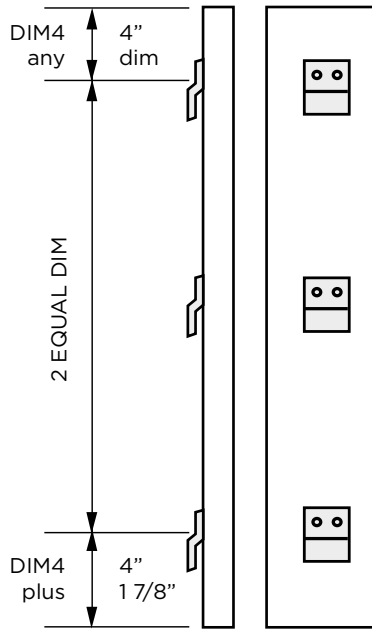


The key advantages of the Monarch Z Clip system are:

- Simplicity of installation
- Strength and security of the mounting
- No visible screws or nails on the surface of the mounted panel



Overview



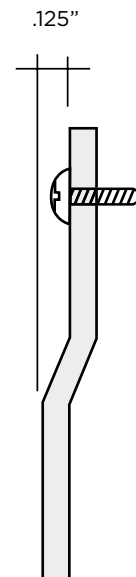
For a typical 8' high x 4' wide panel, customers mount the continuous lengths along the wall at 3 different heights parallel with the floor. These are secured to studs at 16" on center or to blocking at 8" on center. The shorter panel clips are secured to the back of the panel every 12-15" horizontally.

To match fastener locations on the panel with those on the wall a single template can be used or one can use a story pole. Installation of the panel is accomplished by simply dropping the panel onto the continuous lengths mounted along the wall.

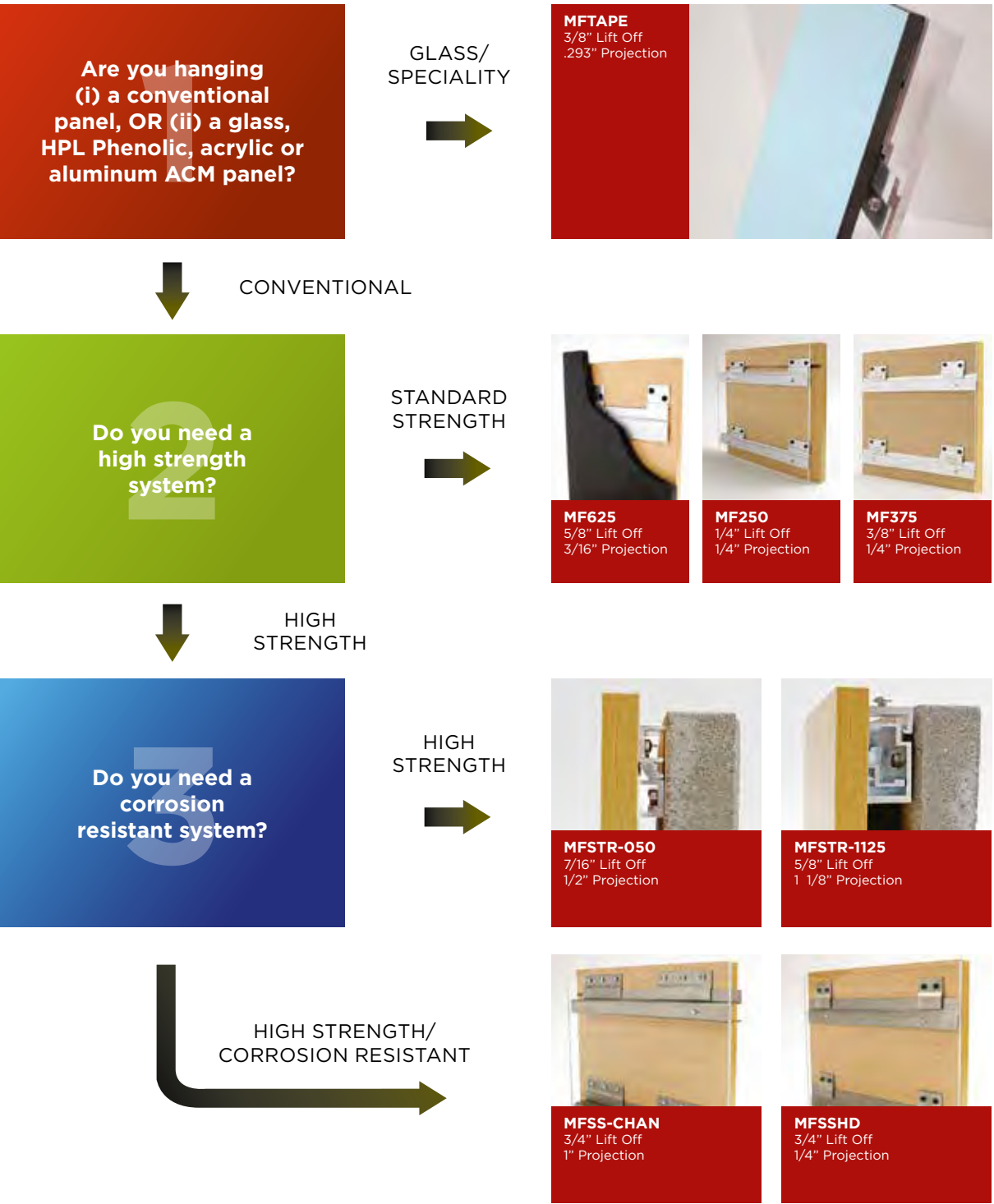
For a video of an installation, please visit our web-site at MonarchMetal.com

Monarch recommends a #8 Pan Head thread screw for attaching the shorter panel clips to the back side of MDF or particle board panels, and stocks these in 1/2", 5/8" and 3/4" lengths.

The important constraint to remember for using the Monarch Z Clip system is that the height of the head of the screw must be less than .125" for our standard Monarch Z Clips.



Choosing the Correct Monarch Hanging System

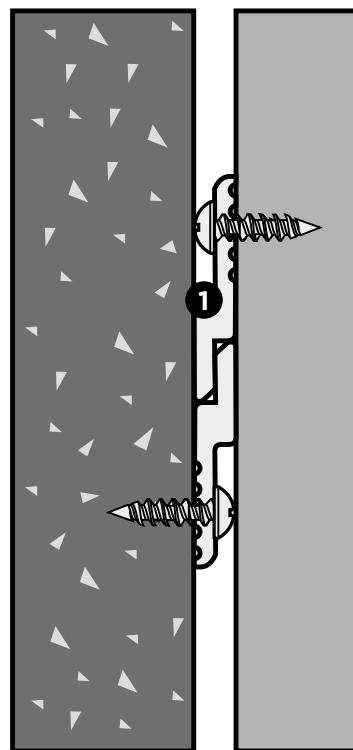


MF375 Clip

Standard Z Clips

Features

- Monarch Z Clip system for hanging interior panels where the installer desires a 3/8" length of engagement
- 1/2" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum



1 MF375 Clip

Standard Applications

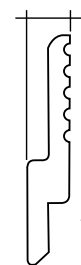
3/8" Lift Off

1/4" Projection

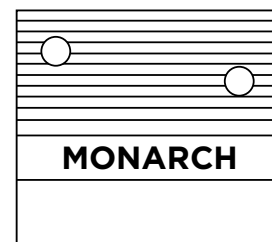
FEATURES

	MF375
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	3/8 Inch
Projection (2)	1/4 Inch
Availability	Same Day Shipping

1/4" Projection



3/8" Lift off



2" Length

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.

MF375 Even Clip

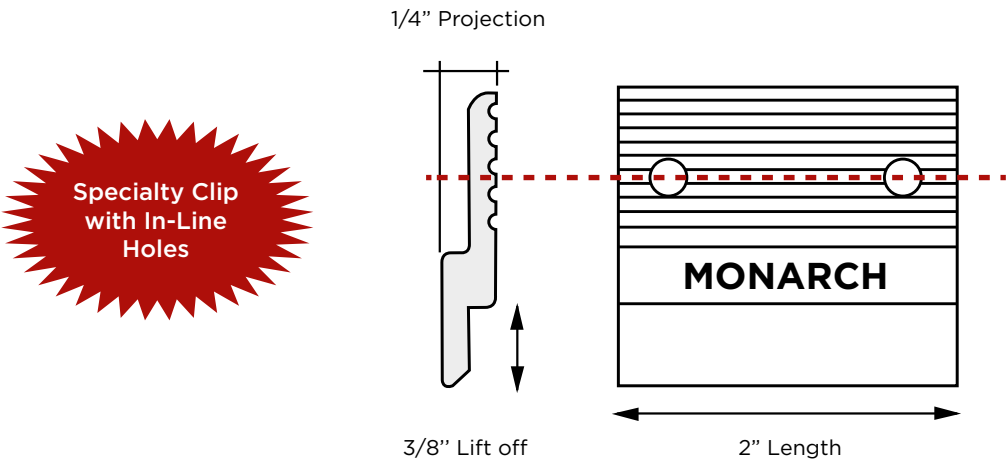
Standard Z Clips

Features

- In line holes for 50% increase in panel processing speed
- 32mm hole spacing for line boring equipment
- 6063-T6 Aluminum

Alternative Clip
for MF375
3/8" Lift Off
1/4" Projection

FEATURES



	MF375
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	3/8 Inch
Projection (2)	1/4 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

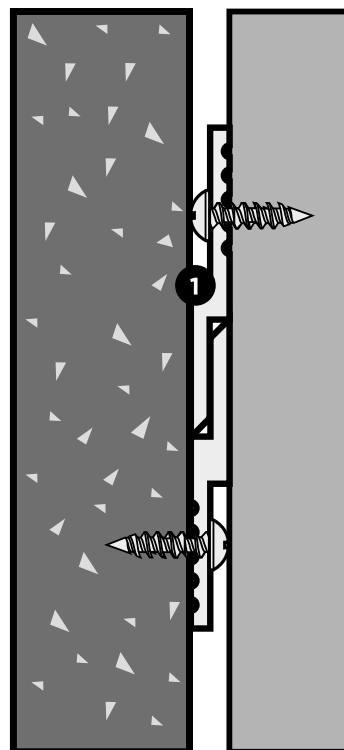
(2) The "Projection" is the distance that the panel sits out from the wall.

MF625 Clip

Standard Z Clips

Features

- Monarch Z Clip system for hanging interior panels where the installer desires a 5/8" length of engagement
- 3/4" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum



1 MF625 Clip

Standard Applications

5/8" Lift Off

3/16" Projection

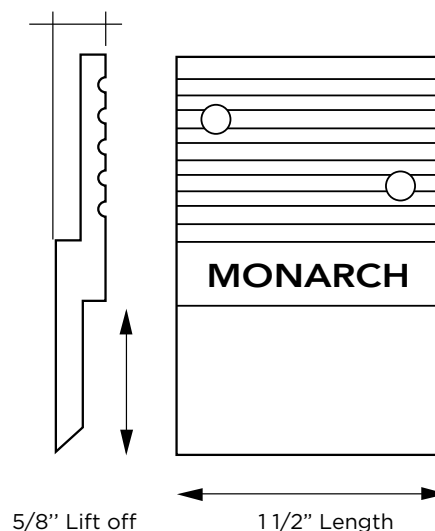
FEATURES

	MF625
Material	Aluminum
Stock Clip Size	1 1/2 Inch
Stock Continuous Length	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	5/8 Inch
Projection (2)	3/16 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.

.200" Projection

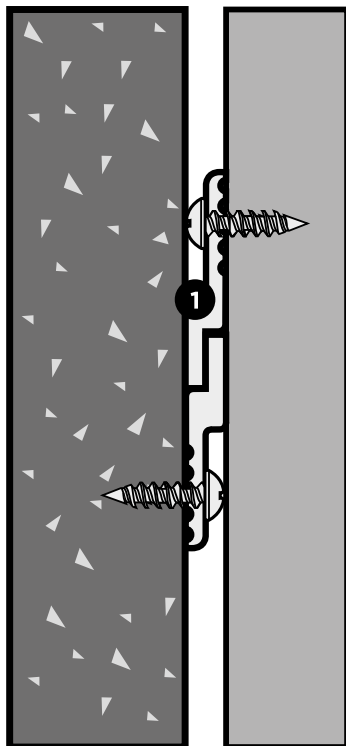


MF250 Clip

Standard Z Clips

Features

- Monarch Z Clip system for hanging interior panels where the installer desires a 1/4" length of engagement
- 3/8" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum



1 MF250 Clip

Applications With
Limited Clearance
Above Panel

5/8" Lift Off

1/4" Projection

FEATURES

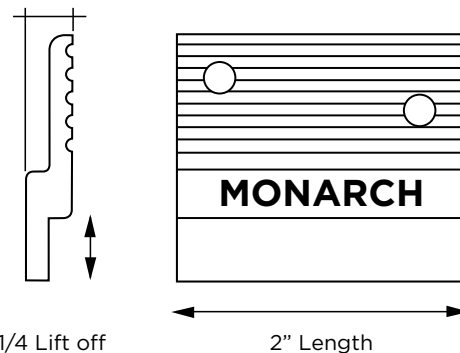
MONARCH Z CLIPS

	MF250
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	1/4 Inch
Projection (2)	1/4 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.

1/4" Projection

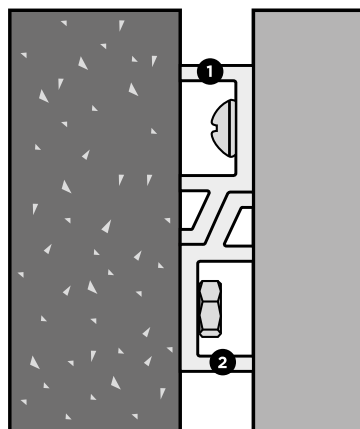


MFSTR-050 Clip

Standard Z Clips

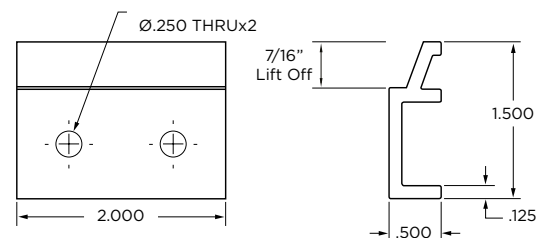
Features

- High strength aluminum system compatible with up to a 3/8" hex bolt
- 1/2" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum
- Easily used for mounting on concrete block or other difficult materials



1 MFSTR-050 2" Clip

2 MFSTR-050 Continuous Length



(Available in lengths up to 144")

FEATURES

High Strength Applications
7/16" Lift Off
1/2" Projection

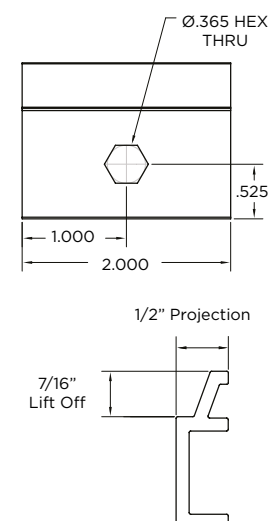
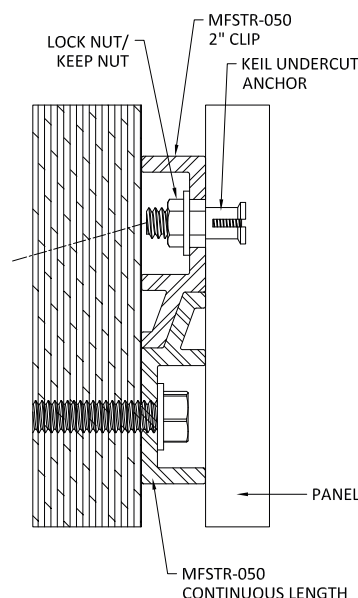
	MFSTR050
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	7/16 Inch
Projection (2)	1/2 Inch
Availability	Same Day Shipping

- (1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.
- (2) The "Projection" is the distance that the panel sits out from the wall.

MFSTR-050-UA

Features

- Monarch Z Clip system for hanging interior panels where the installer desires to use a high strength, undercut anchor
- Undercut anchors, such as the Keil Undercut anchors often have central pull fracture loads of more than 750 pounds* when properly installed
- Undercut anchors have been utilized with TAKTL panels, GFRC panels, high-pressure laminate, terracotta and stone
- 6063-T6 Aluminium
- Also available with Tesa 62934 tape to work as a thermal isolator.



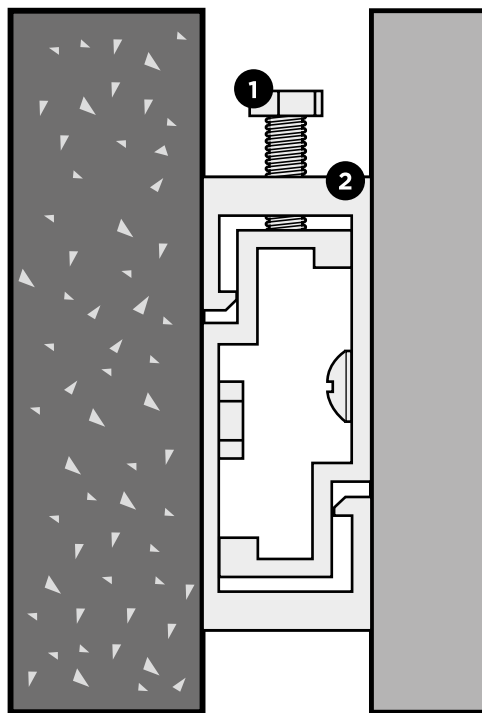
*Fracture loads vary widely depending upon the material

MFSTR-1125 Clip

Standard Z Clips

Features

- Heavy duty adjustable height system for mounting curtain wall in exterior applications
- Easy adjust bolt on clips for minor height adjustments
- Easy fit engagement for locating
- 3/4" clearance required above the panel
- 6063-T6 Aluminum
- Compatible with heavy duty hex bolts up to 3/8" for additional strength
- Perfect for mounting on concrete block or other difficult materials



1 1/4" x 20 Hex Bolt for Minor Height Adjustments

2 MFSTR-1125 System

Cladding Applications
5/8" Lift Off
1 1/8" Projection

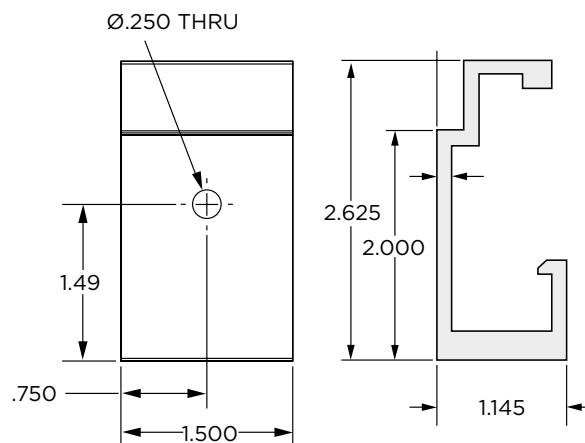
FEATURES

MONARCH Z CLIPS

	MFSTR-1125
Material	Aluminum
Stock Clip Size	1.5 Inch
Stock Continuous Length	144 Inch
Custom Lengths Available	Any
Lift Off (1)	5/8 Inch
Projection (2)	1 1/8 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.



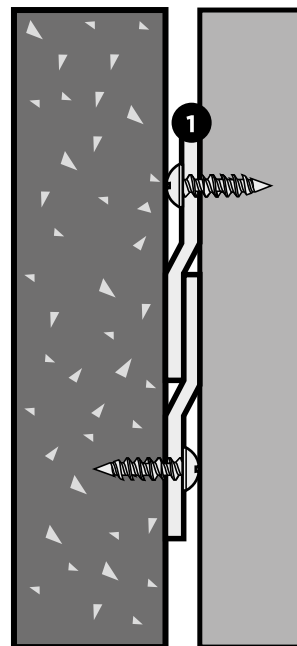
(Available in lengths up to 144")

Heavy Duty Stainless Steel Clips

Stainless Steel Hidden Fastening Systems

Features

- High strength, corrosion resistant stainless steel material makes these perfect for use in exterior wet or harsh environments
- 7/8" clearance required between the top of the panel and the ceiling
- Available in 304 Stainless Steel and 316 Marine Grade Stainless Steel
- Same simple engagement mechanism as our original Monarch Clips



1 Heavy Duty MFSS Clip

**High Strength
Corrosion Resistant
Applications**

3/4" Lift Off

1/4" Projection

FEATURES

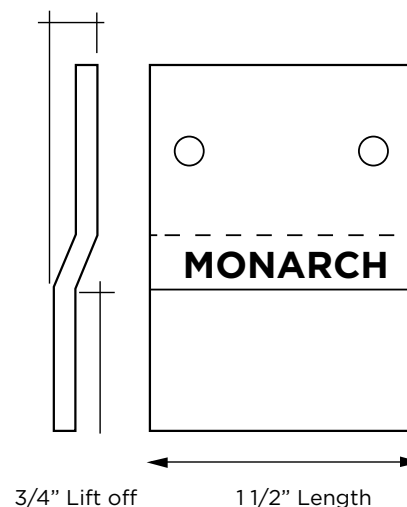
	MFSS HD CLIPS
Material	Stainless Steel
Stock Clip Size	1 1/2 Inch
Stock Continuous Length*	48 Inch
Custom Lengths Available	Any
Lift Off (1)	3/4 Inch
Projection (2)	1/4 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.

* Can be custom fabricated up to 96" lengths.

1/4" Projection

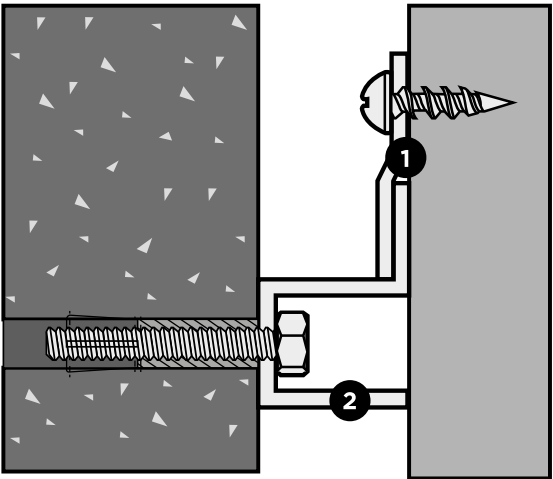


Stainless Steel System with 1" Projection

Stainless Steel Hidden Fastening Systems

Features

- High strength, corrosion resistant stainless steel material compatible with up to a 3/8" hex bolt
- 7/8" clearance required between the top of the panel and the ceiling
- 304 Stainless steel
- 1" projection for building envelope applications



1 MFSSCHAN-Clip

2 MFSSCHAN

High Strength
Corrosion Resistant
Applications
3/4" Lift Off
1" Projection

FEATURES

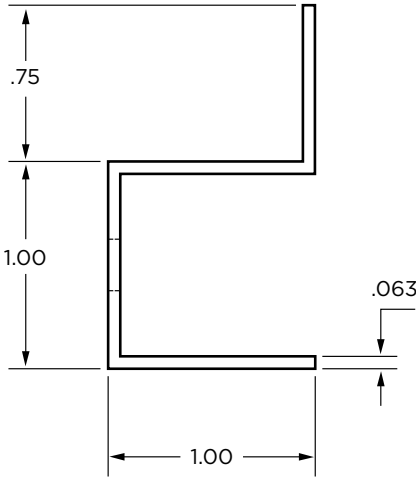
MONARCH Z CLIPS

	MFSSCHAN
Material	Stainless Steel
Stock Clip Size	3 1/2 Inch
Stock Continuous Length*	48 Inch
Custom Lengths Available	Any
Lift Off (1)	3/4 Inch
Projection (2)	1 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.

* Can be custom fabricated up to 96" lengths.

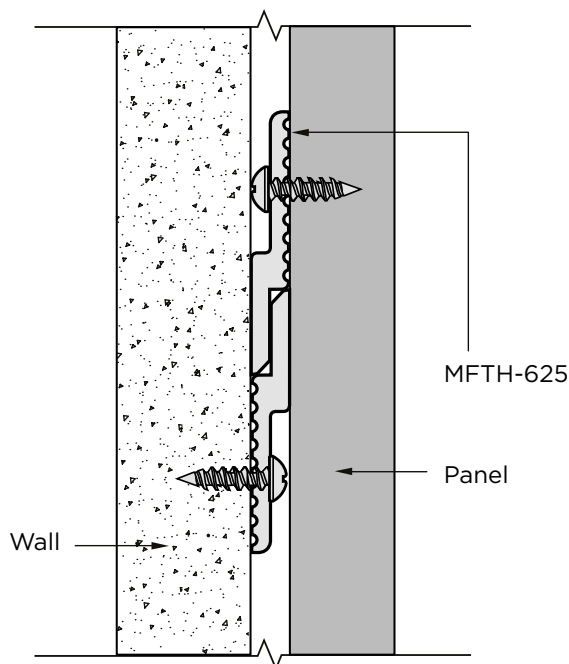


MFTH-625

Specialty Z Clips

Features

- Monarch Z Clip system for hanging interior panels where the installer desires a 5/8" length of engagement
- 3/4" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum



Standard Applications

5/8" Lift Off

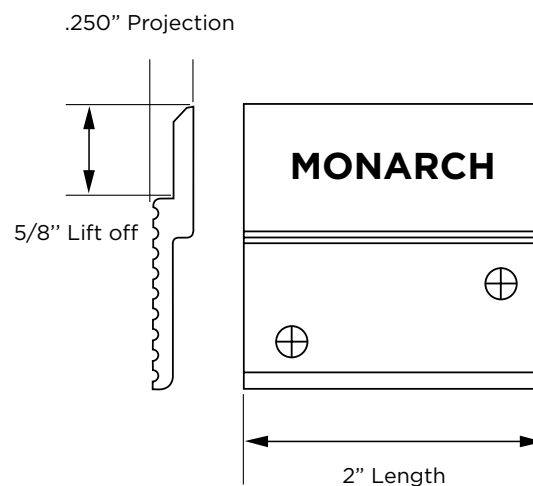
1/4" Projection

FEATURES

	MFTH-625
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	5/8 Inch
Projection (2)	1/4 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.

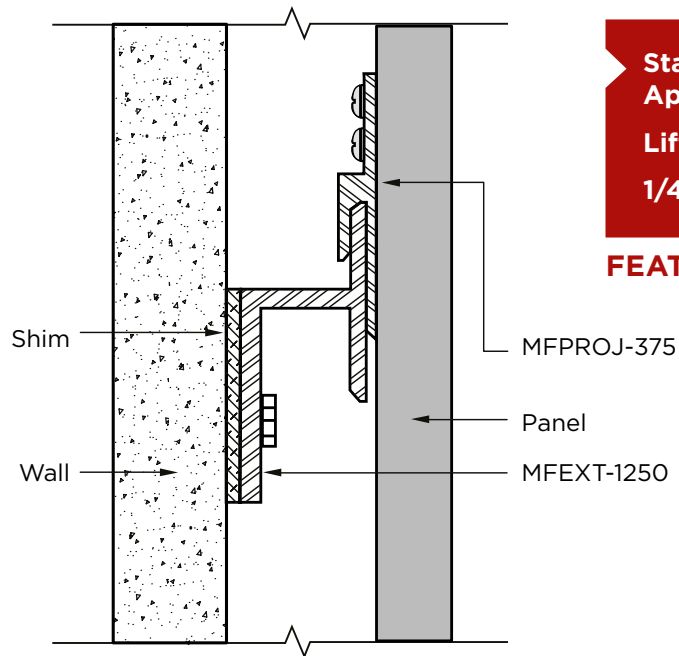


MFEXT-1250

Specialty Z Clips

Features

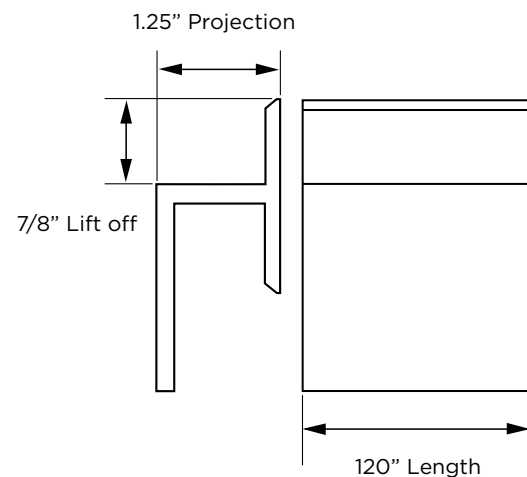
- Monarch Z Clip system for hanging interior panels where the installer desires a 1 1/4" or 1 3/8" projection
- 3/4" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum



Standard Applications
Lift Off Varies
1/4" Projection

FEATURES

	MFEXT-1250
Material	Aluminum
Stock Clip Size	Mates with MFTH-625 or MFPROJ-375
Stock Continuous Length	120 Inch
Custom Lengths Available	Any
Lift Off (1)	7/8 Inch
Projection (2)	1 3/8 Inch or 3/8 Inch
Availability	Same Day Shipping



(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

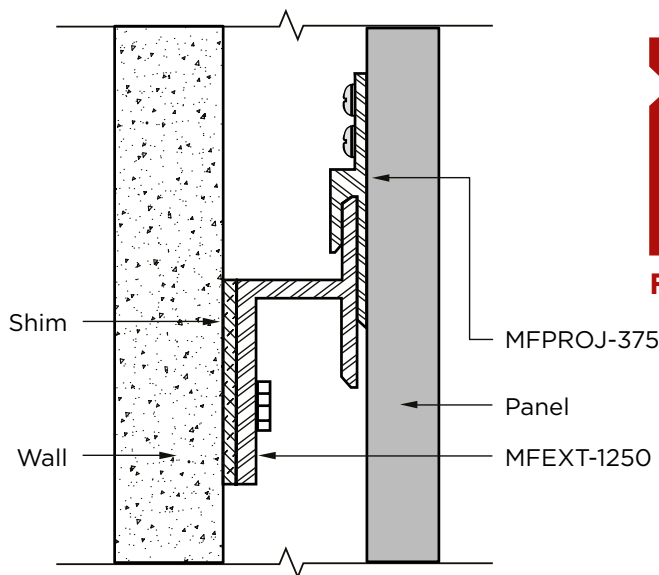
(2) The "Projection" is the distance that the panel sits out from the wall.

MFPROJ-375

Specialty Z Clips

Features

- Monarch Z Clip system for hanging interior panels where the installer desires a 1 3/8" projection
- 3/4" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum

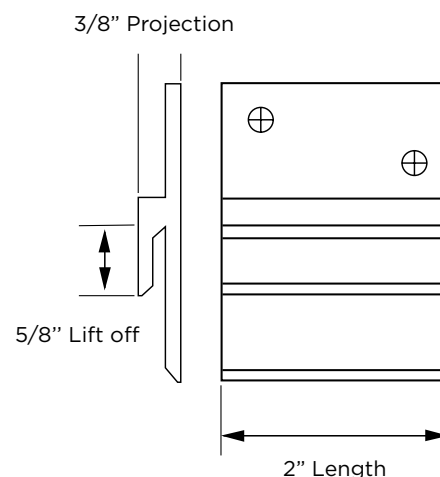


Standard Applications
Lift Off Varies
1 3/8" Projection

FEATURES

	MFPROJ-375
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length	Mates with MF-EXT1250
Custom Lengths Available	Any
Lift Off (1)	5/8 Inch
Projection (2)	1 3/8 Inch or 3/8 Inch
Availability	Same Day Shipping

- (1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.
- (2) The "Projection" is the distance that the panel sits out from the wall.

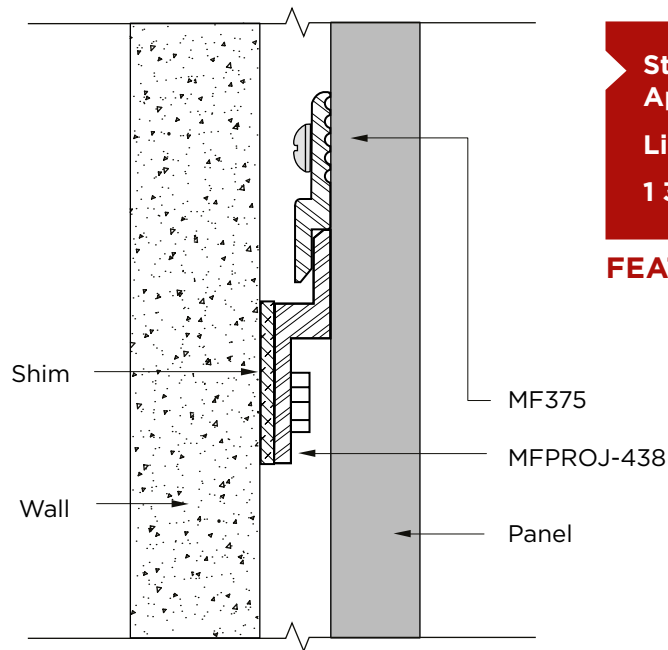


MFPROJ-438

Specialty Z Clips

Features

- Monarch Z Clip system for hanging interior panels where the installer desires a 7/16" projection
- 3/4" clearance required between the top of the panel and the ceiling
- 6063-T6 Aluminum



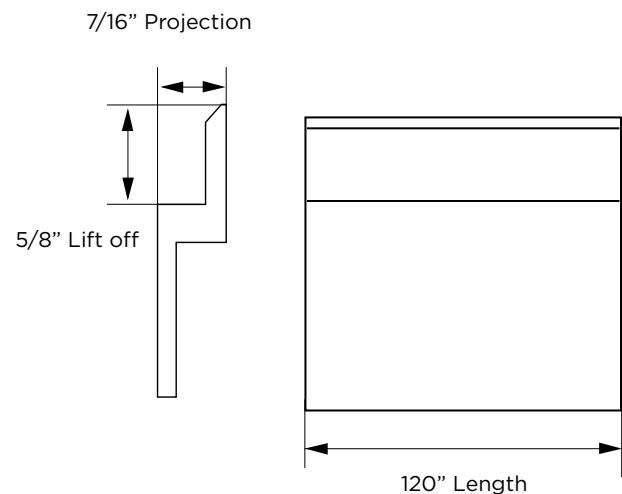
Standard Applications
Lift Off Varies
1 3/8" Projection

FEATURES

MONARCH Z CLIPS

	MFPROJ-438
Material	Aluminum
Stock Clip Size	Mates with MF375-2 Clip
Stock Continuous Length	120 Inch
Custom Lengths Available	Any
Lift Off (1)	5/8 Inch
Projection (2)	7/16 Inch
Availability	Same Day Shipping

- (1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.
- (2) The "Projection" is the distance that the panel sits out from the wall.



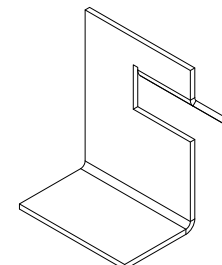
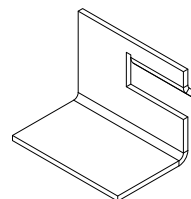
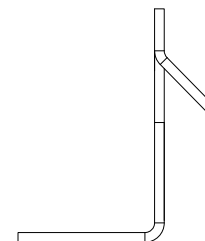
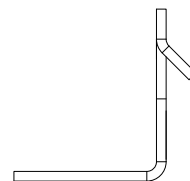
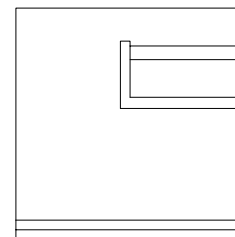
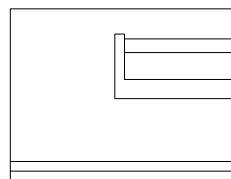
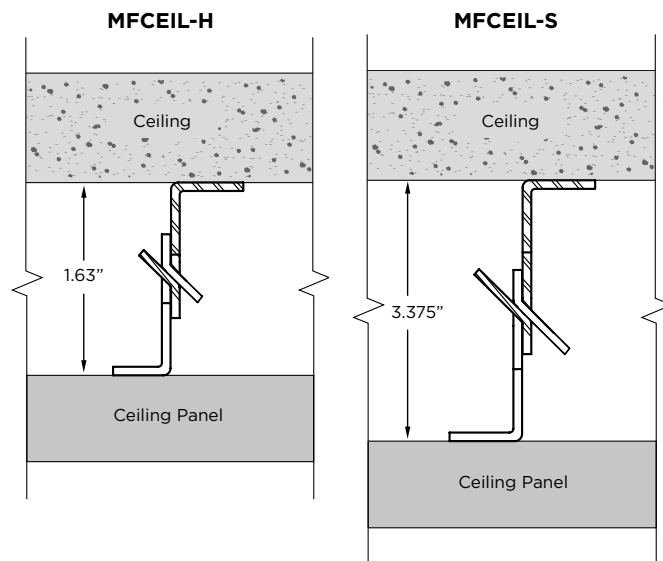
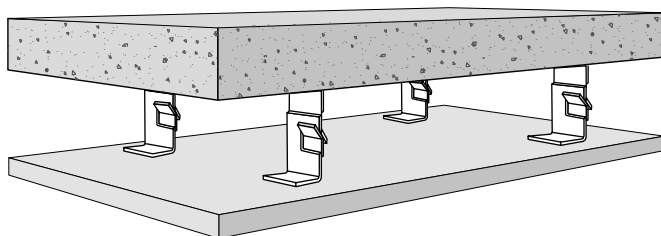
MFCEIL Ceiling System for Typical Conditions

Ceiling Systems - Typical Conditions

Features

- Interlocking clips prevent movement of the panel vertically and horizontally
- Removable
- Manufactured from 16 Gauge Galvanized Steel
- Available in stainless steel
- 4 interlocking clips are mounted on the back of the panel and 4 interlocking clips are mounted to the ceiling

	MFCEIL-H/S
Material	16 Ga. Galvanized
Stock Clip Size	1.63" (H) / 3.375" (S)
Stock Continuous Length	Interlocks With Itself
Availability	Same Day Shipping

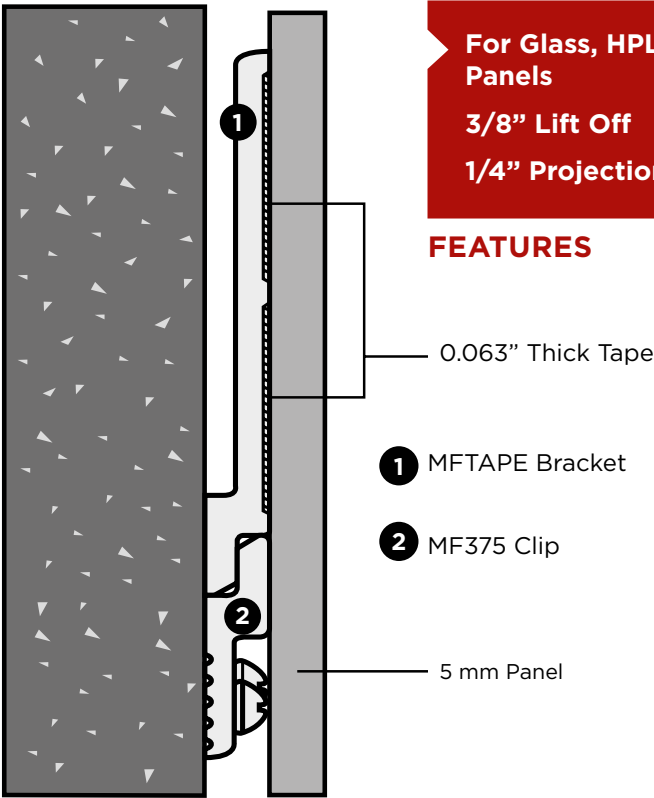


MFTAPE

Hidden Fastening System with 3M High Strength Tape

Features

- Easily used for mounting phenolic, ACM, aluminum, mirrors and glass panels
Each 1 ft of clip is rated for 7.5 pounds of shear strength using a 5x factor
- Suitable for interior and exterior applications (examples in 3M design guide)
- 1/2" clearance required between top of the panel and the ceiling
- 6063-T6 aluminum
- (2) strips of 3M VHB architectural panel tape pre-applied for peel and stick application
- Pairs with MF375 clip for material savings
- Redesign of clip to optimize adhesion with tapes
- Clip can also be purchased without 3M tape for use with your preferred vendor of glazing tape



For Glass, HPL & ACM Panels

3/8" Lift Off

1/4" Projection

FEATURES

0.063" Thick Tape

1 MFTAPE Bracket

2 MF375 Clip

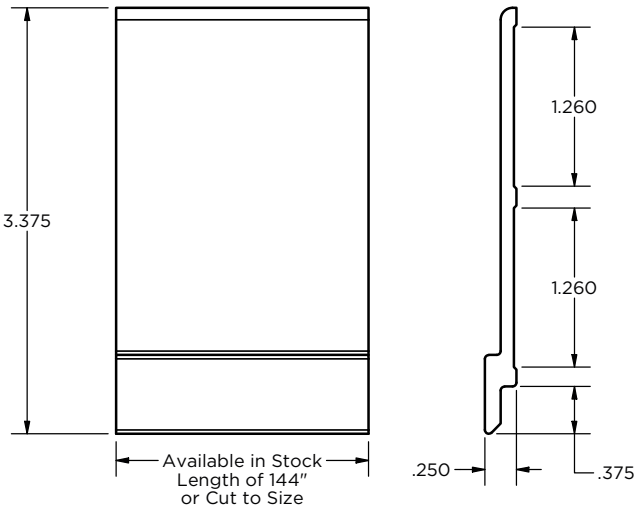
5 mm Panel

MONARCH Z CLIPS

	MFTAPE
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	3/8 Inch
Projection (2)	.293 Inch
Availability	Same Day Shipping

(1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.

(2) The "Projection" is the distance that the panel sits out from the wall.



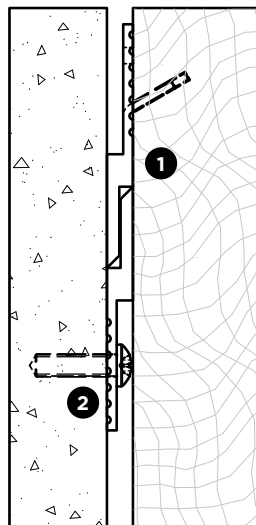
MF625IP Acoustic Impaling Clip

Removable Hanging Solution For Fiberglass Acoustic Panels



Features

- Aluminum Impaling Z-Clip, compatible with MF625 Rails
- (3) 7/16" long spikes to impale Acoustic Panels
- Installs with Acrylic Adhesive into Fibrous Acoustic Panels



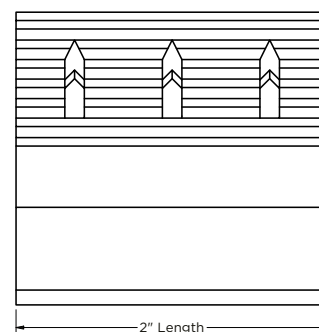
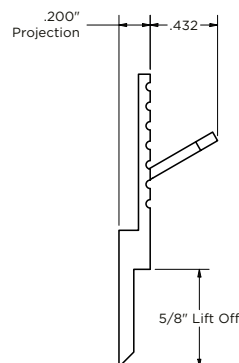
- 1 MF625IP
- 2 MF625 Clip

Applications with
Fibrous Acoustic
Panels

5/8" Lift Off
Easy Removal

FEATURES

	MF625IP
Material	Aluminum
Stock Clip Size	2 Inch
Stock Continuous Length (3)	72 Inch, 144 Inch
Custom Lengths Available	Any
Lift Off (1)	5/8 Inch
Projection (2)	.200 Inch
Availability	Same Day Shipping



- (1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.
- (2) The "Projection" is the distance that the panel sits out from the wall.
- (3) Product Model MF625

Zero Lift Clip

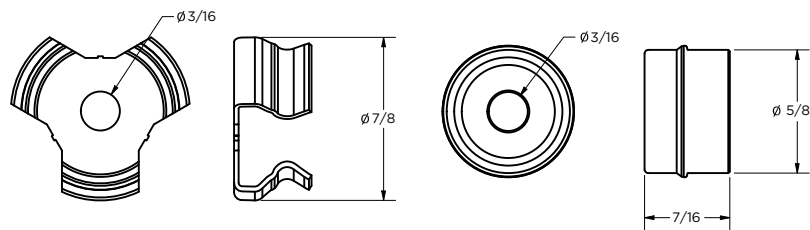
Specialinsert Fast-Con

Features

- 316 Stainless Steel Zero-Lift Panel Clips
- Two-piece System
- Fast Installation, with Flush and Surface Options
- Removable, and suitable for Interior and Exterior Usage
- Allows for a variety of substrates and combinations

	MFASTZL
Material	316 Stainless Steel
Stock Clip Size	1/2" Stack Height
Lift Off (1)	Zero
Projection (2) Flush Install	1/16"
Projection (2) Surface Install	1/2"
Availability	Same Day Shipping

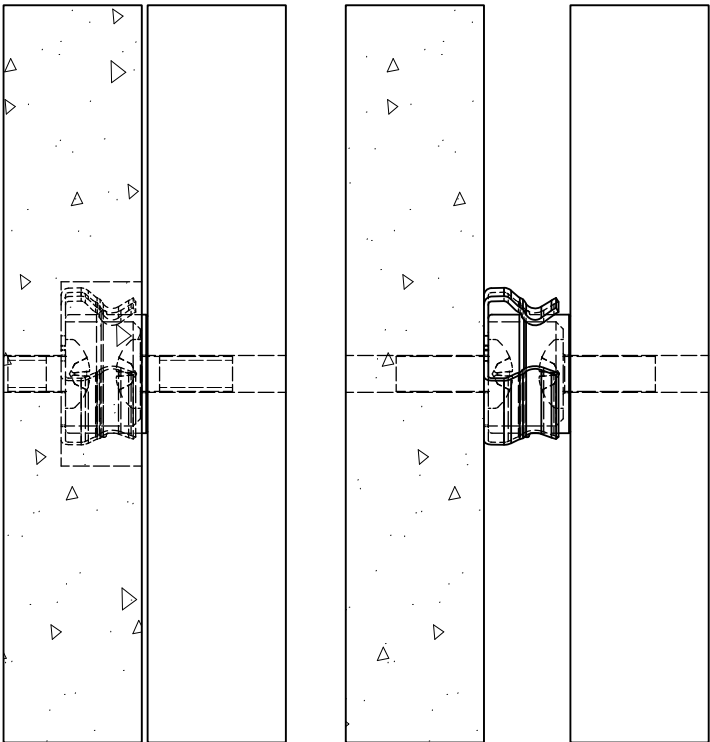
- (1) The "Lift-Off" is the amount you need to raise the panel over its resting height to mount the panel.
- (2) The "Projection" is the distance that the panel sits out from the wall.



All Stainless Construction
Zero Lift Off
Easy Removal
Exterior and Interior Applications

FEATURES

ZERO LIFT CLIP



FLUSH INSTALL

SURFACE INSTALL

MONARCH EASY WALL PANEL SYSTEM

PATENT PENDING



System Features..... 25

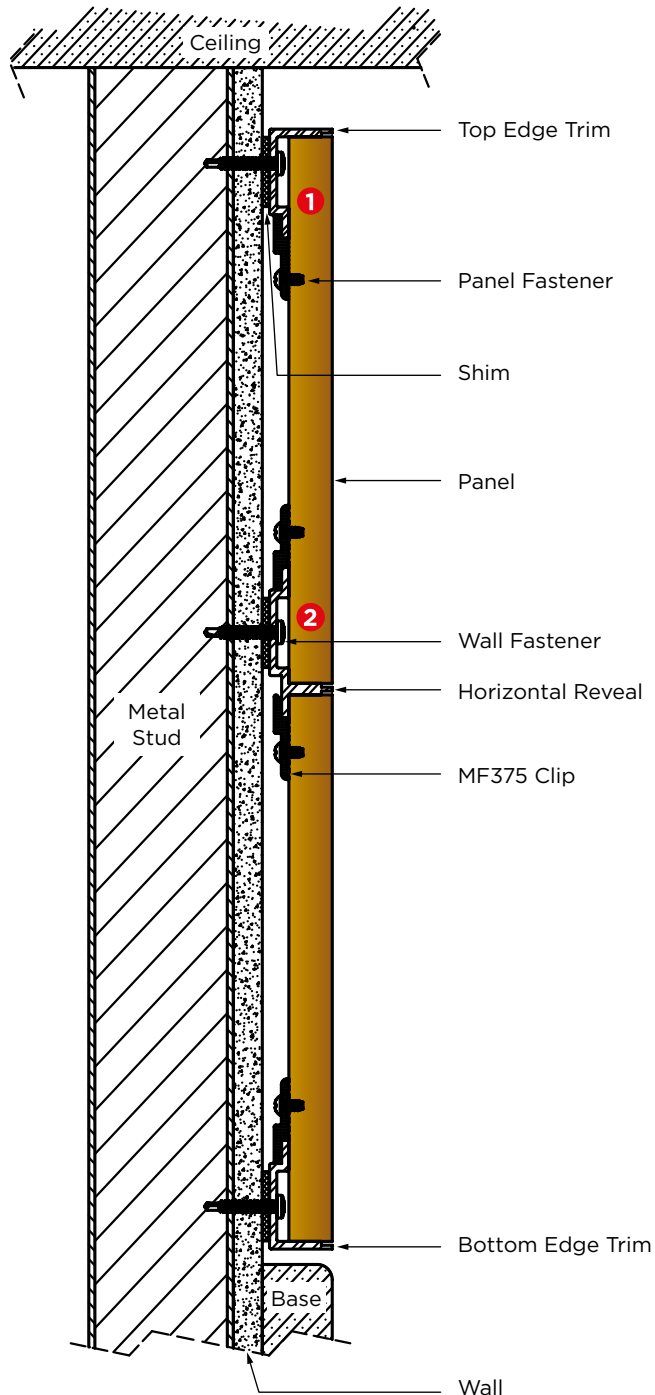
Reveal Options..... 26

Corner & Edge Trim Options.....35

Accessories40

Slatwall Systems 41

Easy Wall Panel System Features



PATENT PENDING

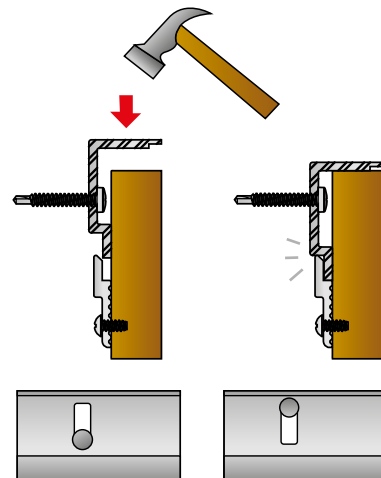
- Ships from stock
- Anodized in clear, black and custom colors

1

Fast & simple installation centered around the intuitive Monarch Z Clip System

2

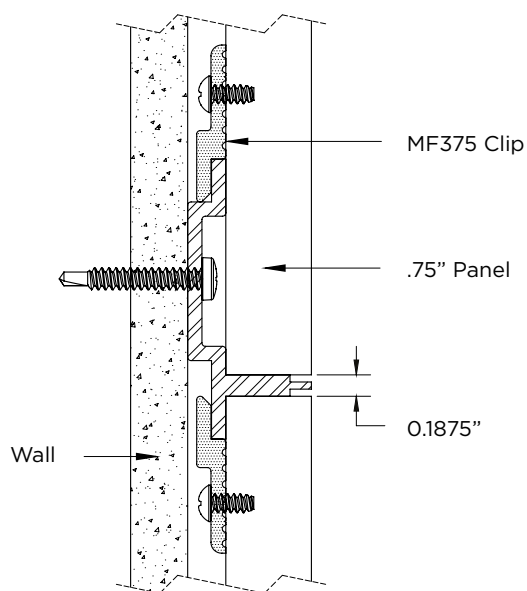
Horizontal Reveals & Edge Trim to be punched with slotted holes for adjusting into place after mounting.



Narrow Reveal



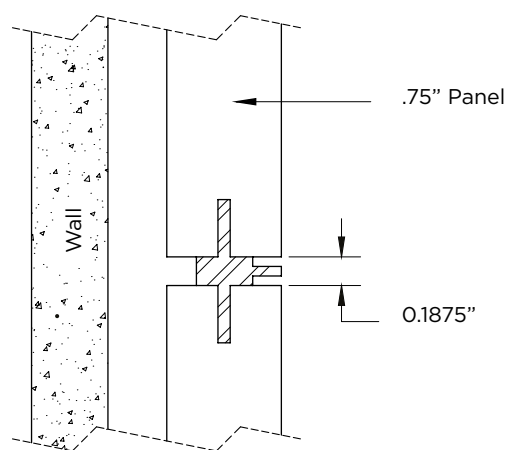
NARROW REVEAL	
Reveal Thickness	3/16 Inch
Compatible Panel Thickness	3/8, 3/4 Inch
Finishes	Clear, Black, Custom
Standard Length	144 Inch



Horizontal Reveal

3/4" Panel: EPS-H075-N

3/8" Panel: EPS-H039-N



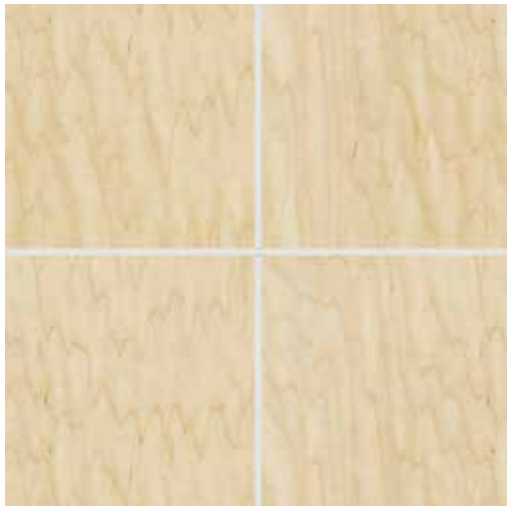
Vertical Reveal

3/4" Panel: EPS-V075-N

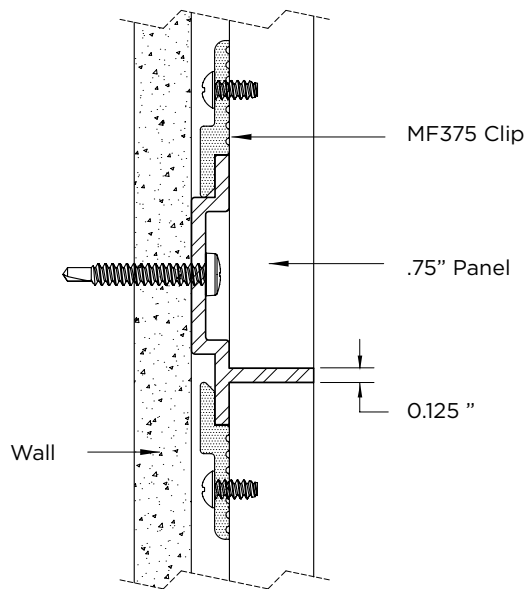
3/8" Panel: EPS-V039-N

see page 35 for corner and edge trim options

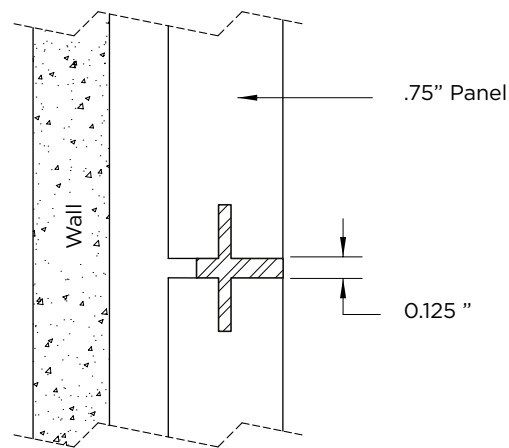
Linear Reveal



LINEAR REVEAL	
Reveal Thickness	1/8 Inch
Compatible Panel Thickness	3/4 Inch
Finishes	Clear, Custom
Standard Length	144 Inch



Horizontal Reveal
3/4" Panel: EPS-H075-L



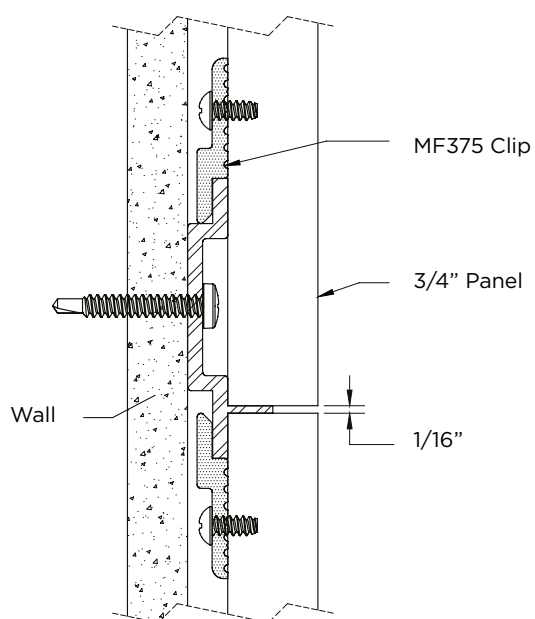
Vertical Reveal
3/4" Panel: EPS-V075-L

see page 35 for corner and edge trim options

Recessed



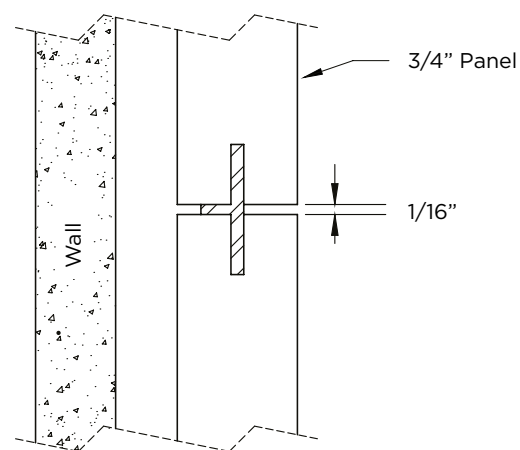
RECESSED REVEAL	
Reveal Thickness	1/16 Inch
Compatible Panel Thickness	3/8, 3/4 Inch
Finishes	Clear, Black, Custom
Standard Length	144 Inch



Horizontal Reveal

3/4" Panel: EPS-H075-R

3/8" Panel: EPS-H039-R



Vertical Reveal

3/4" Panel: EPS-V075-R

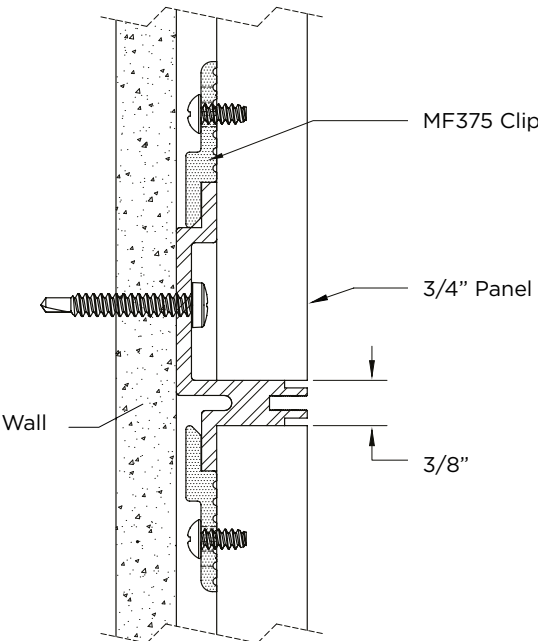
3/8" Panel: EPS-V039-R

see page 35 for corner and edge trim options

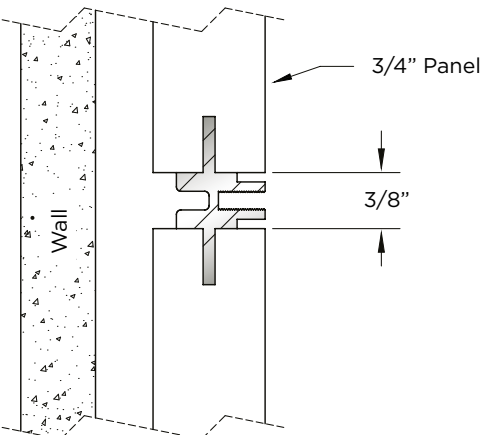
Narrow Channel



NARROW CHANNEL	
Reveal Thickness	3/8 Inch
Compatible Panel Thickness	3/8, 3/4 Inch
Finishes	Clear, Black, Custom
Standard Length	144 Inch



Horizontal Reveal
3/4" Panel: EPS-H075-NC
3/8" Panel: EPS-H039-NC



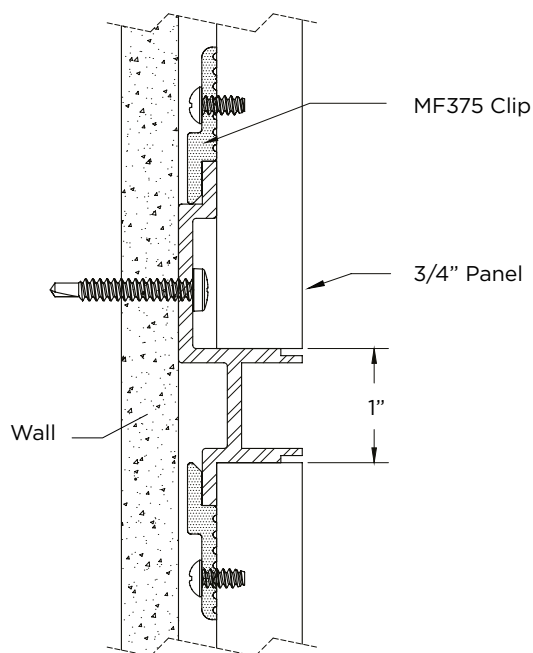
Vertical Reveal
3/4" Panel: EPS-V075-NC
3/8" Panel: EPS-V039-NC

see page 35 for corner and edge trim options

Wide Channel



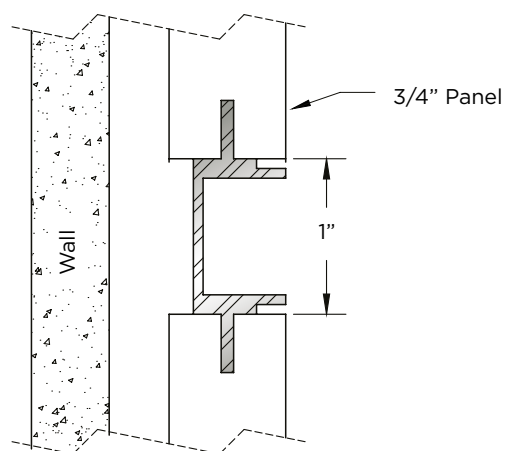
WIDE CHANNEL	
Reveal Thickness	1 Inch
Compatible Panel Thickness	3/8, 3/4 Inch
Finishes	Clear, Black, Custom
Standard Length	144 Inch



Horizontal Reveal

3/4" Panel: EPS-H075-WC

3/8" Panel: EPS-H039-WC



Vertical Reveal

3/4" Panel: EPS-V075-WC

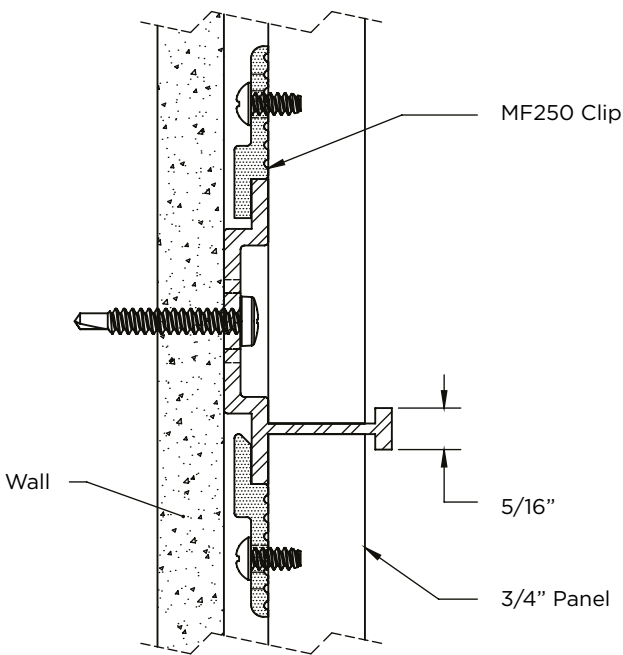
3/8" Panel: EPS-V039-WC

see page 35 for corner and edge trim options

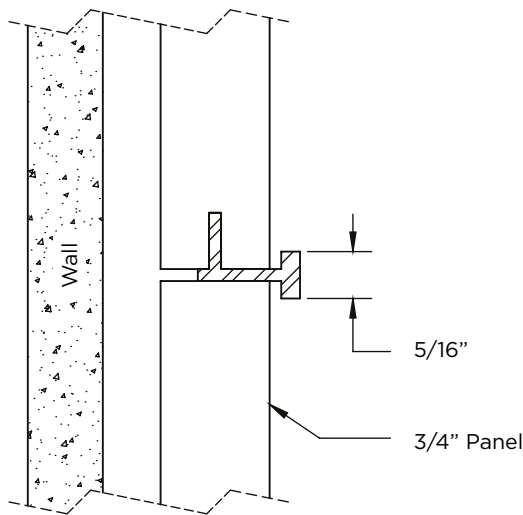
Captured



CAPTURED	
Reveal Thickness	5/16 Inch
Compatible Panel Thickness	3/8, 3/4 Inch
Finishes	Clear, Black, Stainless Anodized, Custom
Standard Length	144 Inch



Horizontal Reveal
3/4" Panel: EPS-H075-C
3/8" Panel: EPS-H039-C



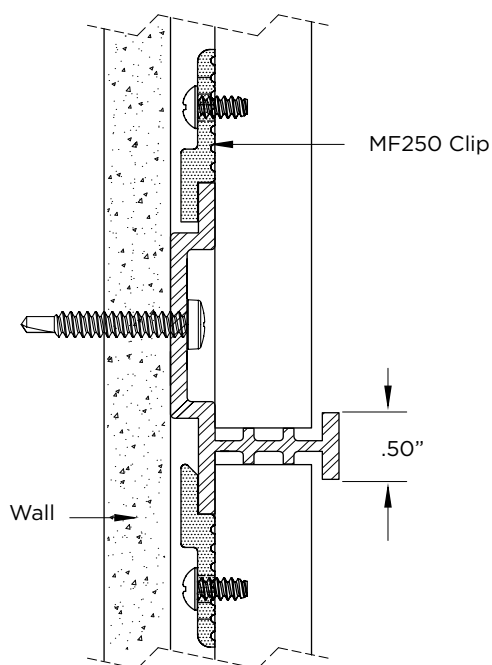
Vertical Reveal
3/4" Panel: EPS-V075-C
3/8" Panel: EPS-V039-C

see page 35 for corner and edge trim options

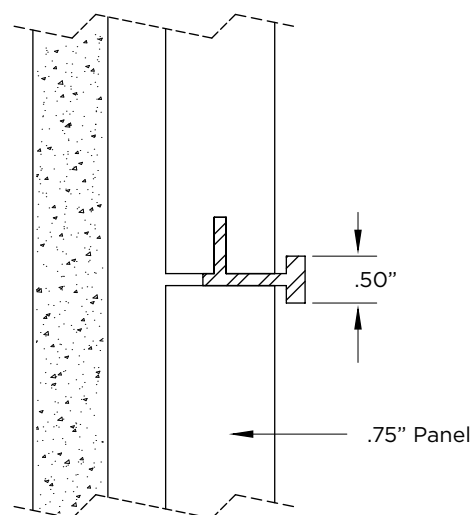
1/2" Captured



1/2" CAPTURED	
Reveal Thickness	1/2 Inch
Compatible Panel Thickness	3/4 Inch
Finishes	Clear, Custom
Standard Length	144 Inch



Horizontal Reveal
3/4" Panel: EPS-H075-C50



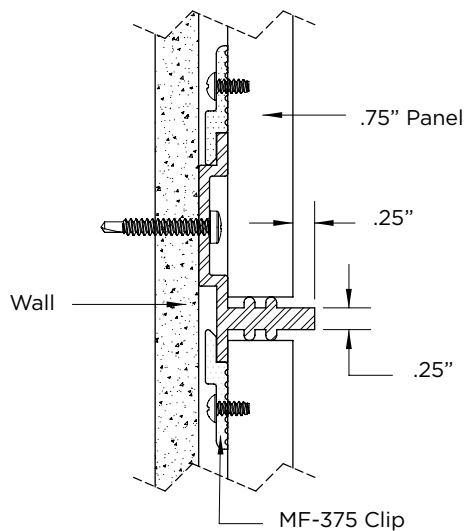
Vertical Reveal
3/4" Panel: EPS-V075-C50

see page 35 for corner and edge trim options

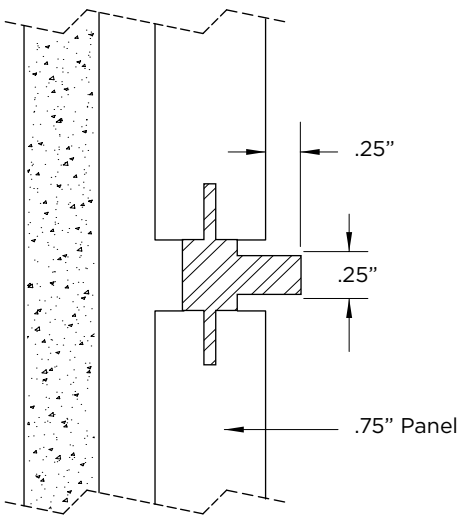
Proud Reveal



PROUD REVEAL	
Reveal Thickness	1/4 Inch
Compatible Panel Thickness	3/4 Inch
Finishes	Clear, Custom
Standard Length	144 Inch



Horizontal Reveal
3/4" Panel: EPS-H075-P



Vertical Reveal
3/4" Panel: EPS-V075-P

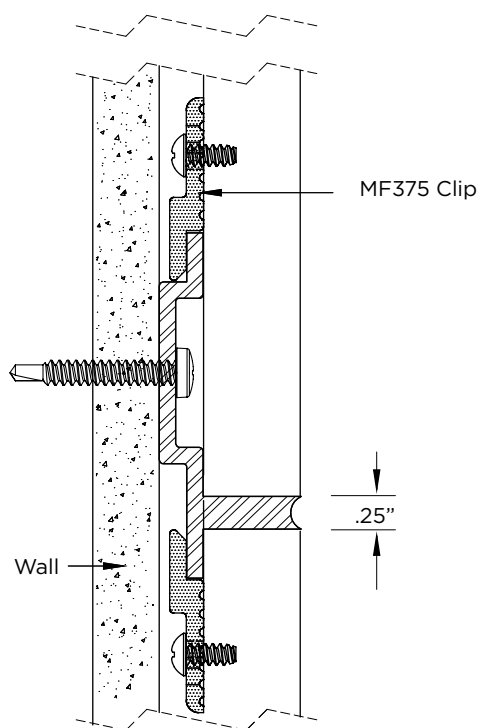
see page 35 for corner and edge trim options

Concave Reveal



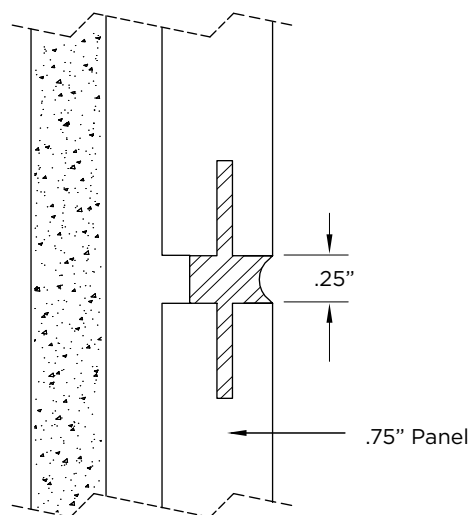
CONCAVE REVEAL	
Reveal Thickness	1/4 Inch
Compatible Panel Thickness	3/4 Inch
Finishes	Clear, Custom
Standard Length	144 Inch

Side View



Horizontal Reveal
3/4" Panel: EPS-H075-B

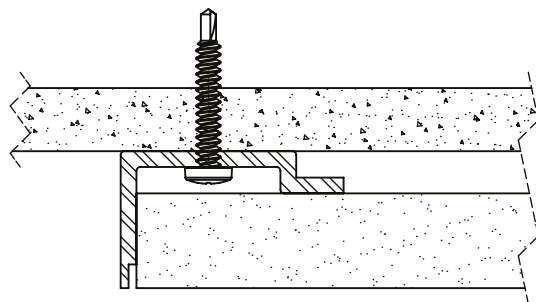
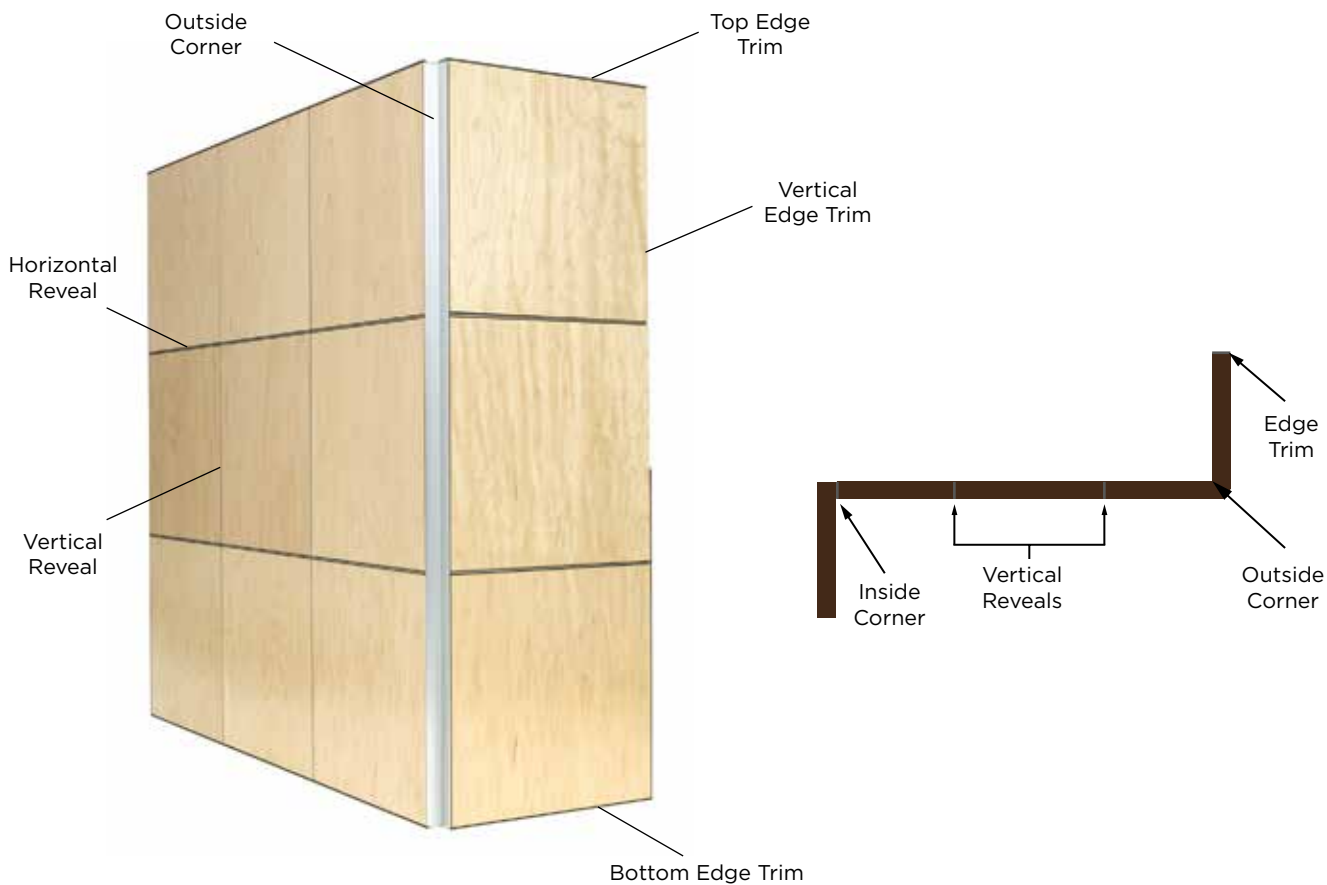
Top View



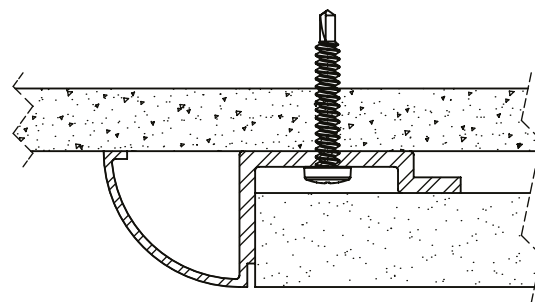
Vertical Reveal
3/4" Panel: EPS-V075-B

see page 35 for corner and edge trim options

Corner & Edge Trim Options

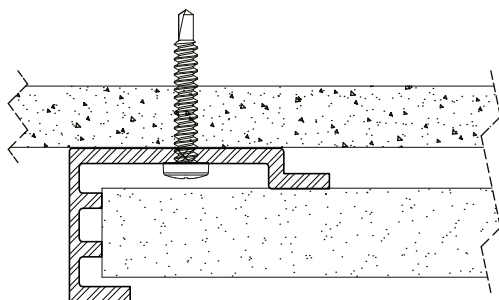


Edge Trim
 3/4" Panel: EPS-ET075-N
 3/8" Panel: EPS-ET039-N



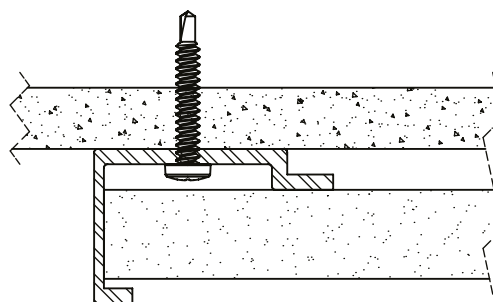
Edge Trim
 3/4" Panel: EPS-ET075-RD

Corner & Edge Trim Options



Edge Trim

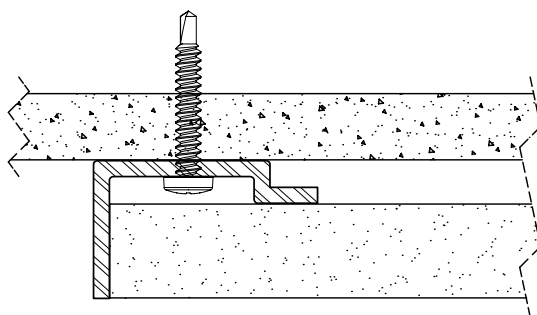
3/4" Panel: EPS-ET075-C50



Edge Trim

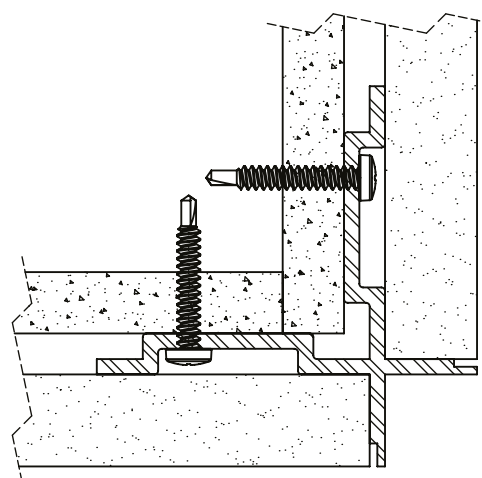
3/4" Panel: EPS-ET075-C

3/8" Panel: EPS-ET039-C



Edge Trim

3/4" Panel: EPS-ET075-L

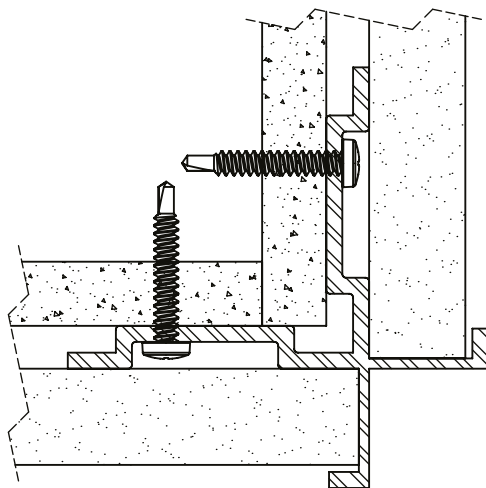


Outside Corner

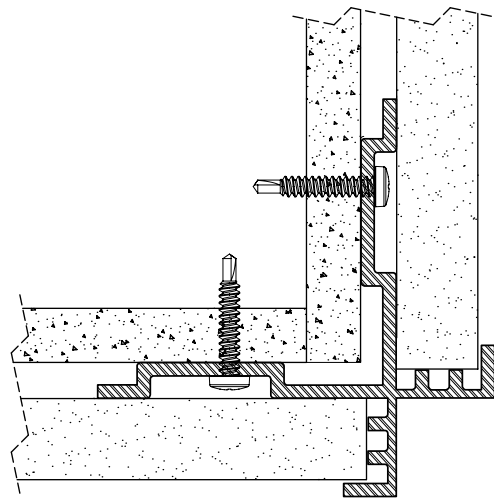
3/4" Panel: EPS-OC075-N

3/8" Panel: EPS-OC039-N

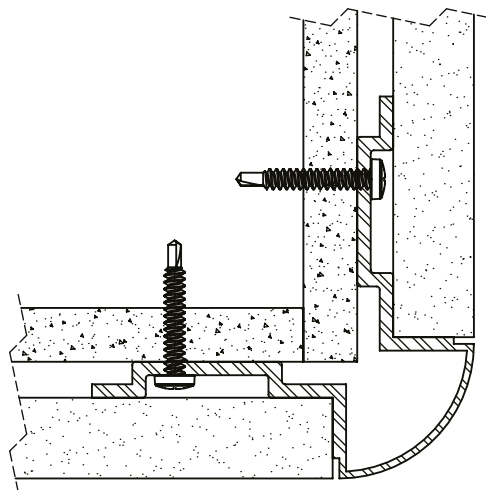
Corner & Edge Trim Options



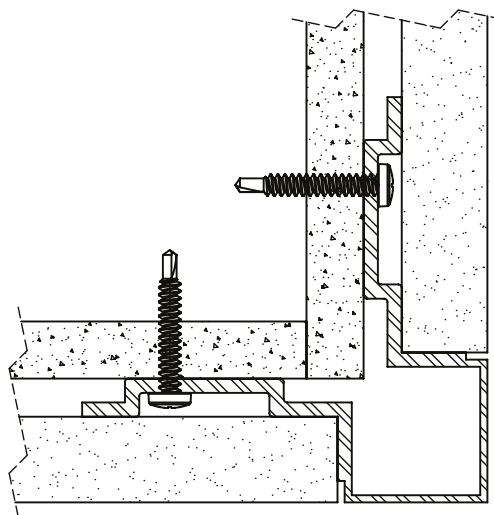
Outside Corner
 3/4" Panel: EPS-OC075-C
 3/8" Panel: EPS-OC039-C



Outside Corner
 3/4" Panel: EPS-OC075-C50

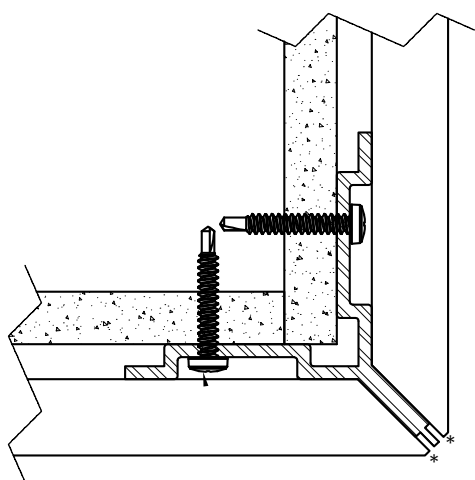


Outside Corner
 3/4" Panel: EPS-OC075-RD
 3/8" Panel: EPS-OC039-RD



Outside Corner
 3/4" Panel: EPS-OC075-SQ

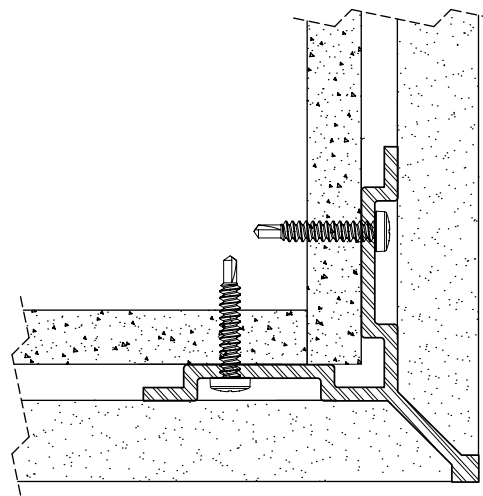
Corner & Edge Trim Options



Outside Corner

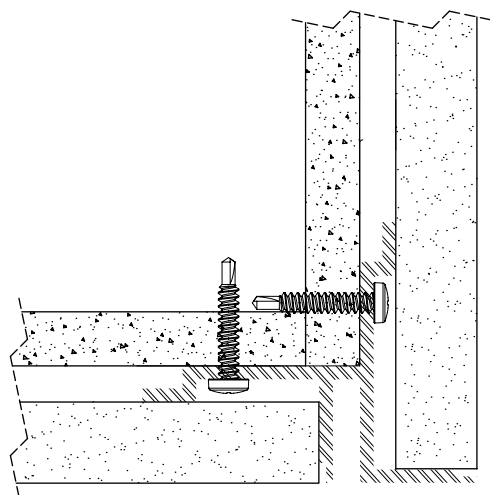
3/4" Panel: EPS-OC075-M

***NOTE:** a double miter cut on the panels is required for proper fit.



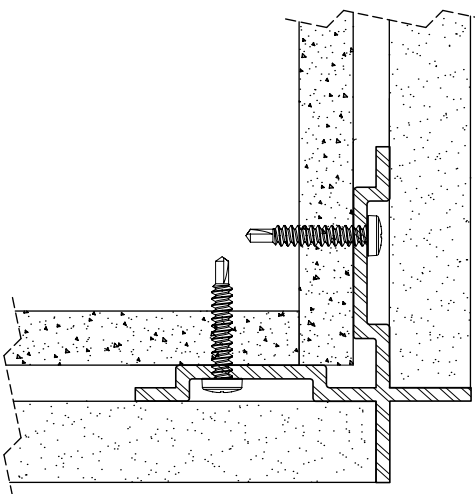
Outside Corner

3/4" Panel: EPS-OC075-SM



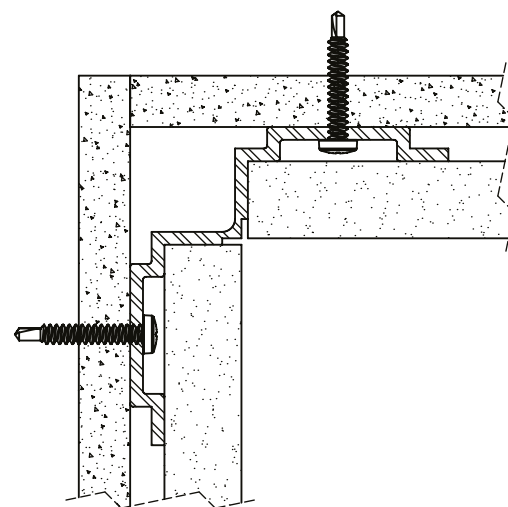
Outside Corner

3/4" Panel: EPS-OC075-SP25



Outside Corner

3/4" Panel: EPS-OC075-L



Inside Corner

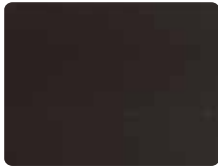
3/4" Panel: EPS-IC075-N

Color Options

Anodized Finish Options



Clear Anodized



Black (1)



Gold (1)



Brushed
Stainless (1)



Mirror
Anodized (1)

Note: Metallic finishes are difficult to photograph. Please call for a sample.
(1) Minimum runs apply in many cases. Please call for availability & pricing.

Powder Coat Finish Options



**TIGER Drylac
RAL Essentials**

(101 Colors Options)

**TIGER RAL
Interior & Exterior**

(188 Colors Options)



**TIGER RAL
Stellix Metallic &
Anodized Effects**

(75 Colors Options)

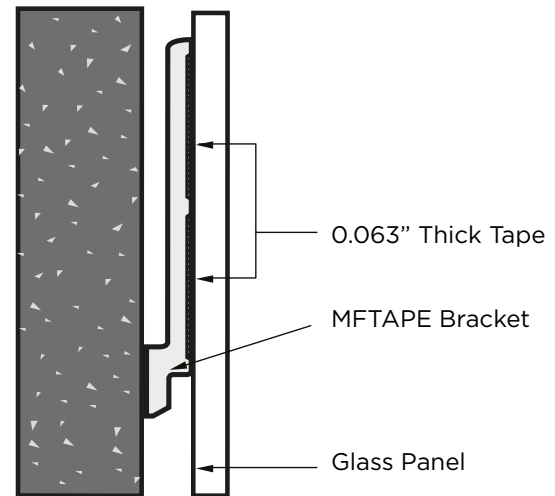


Glass Wall Panel System



Features

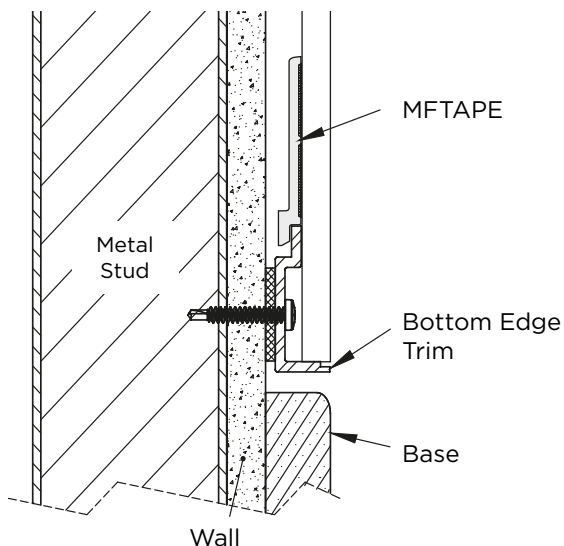
- Installs with the Easy Panel System except the Glass Panels are attached using the MFTAPE product that uses 3M VHB Tape
- All of the same reveal options as the Easy Panel System, including narrow, recessed, narrow channel and wide channel



The glass wall panels are attached using the Monarch MFTAPE System

Glass Wall Panel System

The panels then interconnect with the Easy panel System like any other wall panel



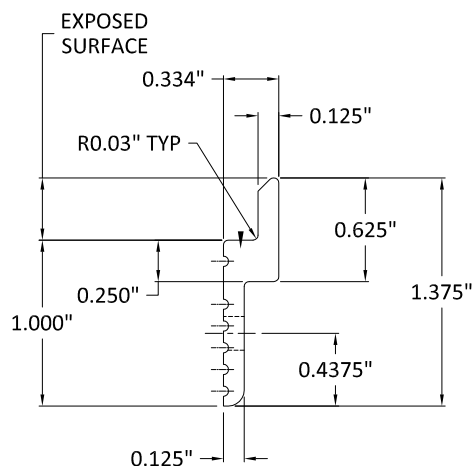
The trim corners miter together seamlessly to create a clean frame

Panels attach using 3M VHB Tape, eliminating the need for drilling



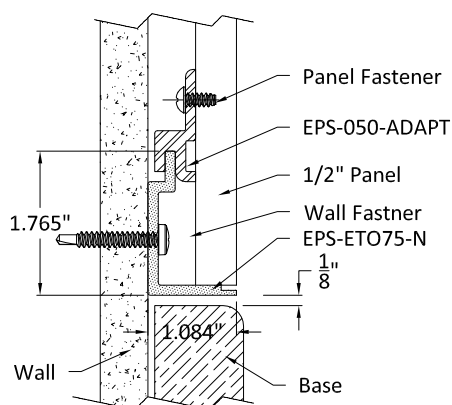
Accessories

for Easy Panel System for Decorative Reveals



EPS-MIDWALL

Midwall Rail to add a rail to secure larger panels when installing the Monarch EPS system. Comes in 144" rail with holes 8" on center.

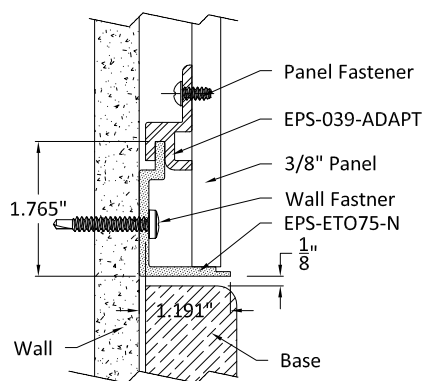
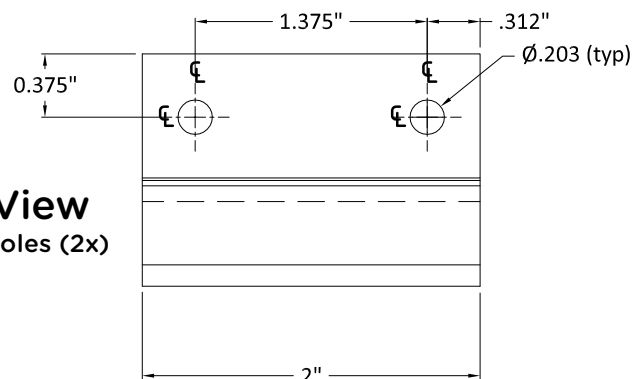


EPS-050-ADAPT

Panel Bracket designed to allow a 1/2" Panel to work in our 3/4" Panel Easy Panel System. Comes in 144" rail or 2" clips with two inline holes.

Top Down View

0.203" diameter holes (2x)



EPS-039-ADAPT

Panel Bracket designed to allow a 10mm (3/8") Panel to work in our 3/4" Panel Easy Panel System. Comes in 144" rail or 2" clips with two inline holes.



NEW
PRODUCT

SLATWALL

**1 1/2" and 3" Center to Center
Systems and Trims**

Strong, Interchangeable Profiles

4' x 4' and 4' x 8' Kits Available

3"

**Combination
1 1/2" and 3"**

1 1/2"

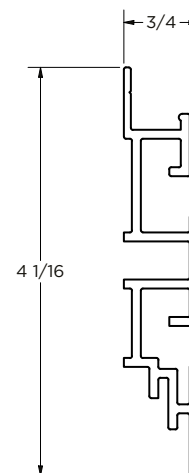
Slatwall Systems

Monarch MSLAT Slatwall System Profiles

NEW
PRODUCT

Features

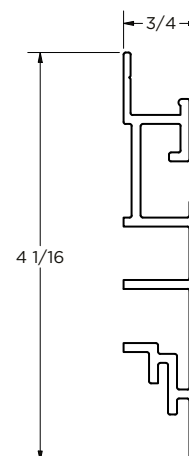
- Stackable slatwall profile, with (2), 1 1/2" On-Center Slots
- Hidden Fastener Installation
- Interchangeable and Compatible with MMSLAT3.0
- 4x4 and 8x4 Panel Kits Available with Trims
- Available in Mill Finish, Clear Anodized, and Custom Powder coat



MSLAT1.5

Features

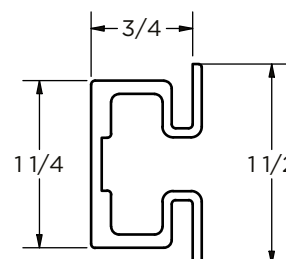
- Stackable slatwall profile, with (1) 3" On-Center Slot
- Hidden Fastener Installation
- Interchangeable and Compatible with MMSLAT1.5
- 4x4 and 8x4 Panel Kits Available with Trims
- Available in Mill Finish, Clear Anodized, and Custom Powder coat



MSLAT3.0

Features

- Standalone Single Slatwall Profile
- Allows for Placement anywhere a slot is needed
- Designed to Integrate with 1/8" and 3/4" Panels
- Available in Mill Finish, Clear Anodized, and Custom Powder coat



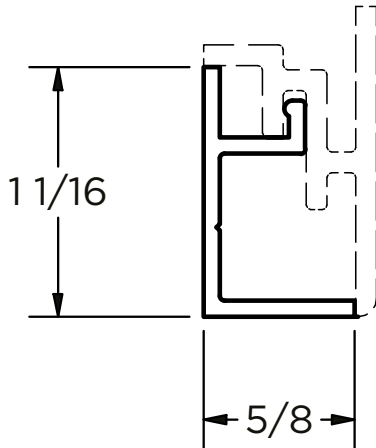
MSLAT

Slatwall Accessories

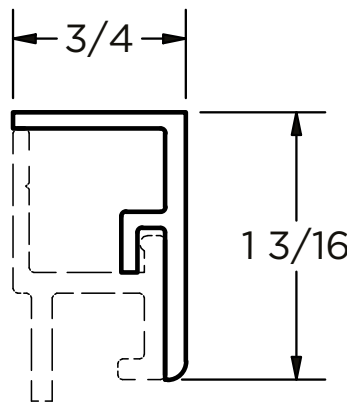
Monarch Slatwall System Accessories

NEW
PRODUCT

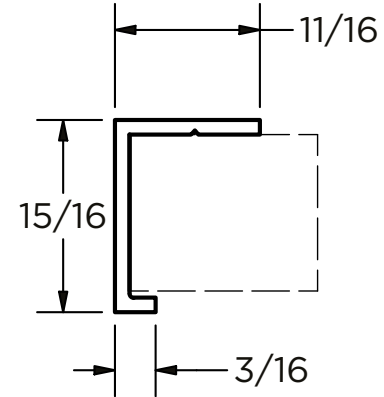
SLATWALL



MSLATSR



MSLATHT



MSLATVT

Slatwall Systems Overview

Monarch Metal's new MSLAT System of profiles and accessories has been designed to supply users in retail, commercial, and residential sectors with the finest aluminum slatwall system on the market.

MSLAT1.5 and 3.0 are stackable slatwall profiles that have been designed to work seamlessly with each other to provide a strong and highly configurable slatwall system. The system begins with our MSLATSR System Starter Rail, finishes at the top with our MSLATHT System Head Trim, and finally with our MSLATVT System Vertical Trim.

The system uses a hidden fastener system and unique flush-face stacking that eliminates unsightly seams.

Our MSLAT Single Slatwall profile is an incredibly versatile solution for users that need a minimal slatwall option or highly custom spacing. It has been designed to work directly with 1/8" or 3/4" finish materials so it can be integrated into most interior panel or drywall finishes.

CLADDING

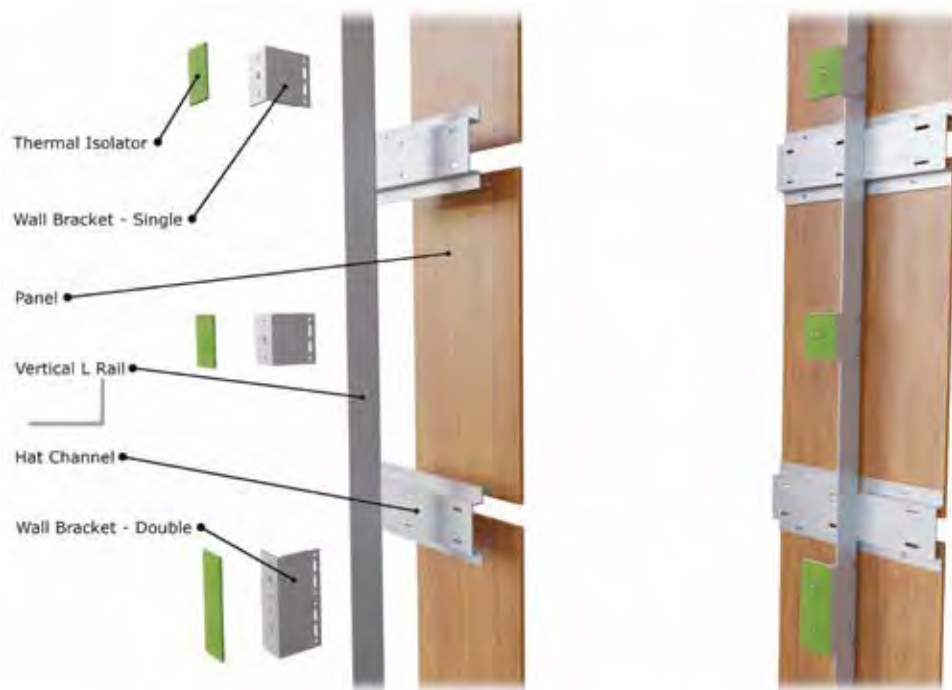


Westfield Valley Mall
Santa Clara, California
Honeycomb/Sandwich Panels with Stone Veneer
Quality Marble & Granite

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MONARCH
METAL INC.



Typical Systems

Vertical Rail



Exposed Fasteners



Concealed Fasteners

Thermally Isolated Systems

Vertical Rail



Exposed Fasteners



Concealed Fasteners

Horizontal Rail



Exposed Fasteners



Concealed Fasteners

* See Pages 56 & 57 for Vertical & Horizontal Wall Brackets

HPL Phenolic Systems



CULTURAL CENTRE CA DON JOSÉ
Canals, SPAIN
RAINSCREEN FAÇADE CLAD WITH TRESPA
ARCHITECT: HECTOR LUENGO ARQUITECTOS

Features

- Back ventilated and drained rain screen systems
- Excellent performance and color retention in the sun and rain
- Scratch and impact resistance
- Easy maintenance

Typical System Used:
TS200

Stone Systems



Jacqueline Vito LoRusso Alumni & Visitor Center
Location: Buffalo State
Cannan, Alexnder & Scott
HOLT Architects
Revette Studio
Javen Construction

Features

- Concealed and exposed façade /rain screen panel installation systems
- Solutions for with stone, limestone, marble, granite, porcelain and quartz
- Systems compatible with a variety of undercut anchors (Keil, Fischer) and other solutions

Typical Systems Used:
MFSTR-1125 or MFSTR-UCRAIL

Fiber Concrete / GFRC



Location : Allston, MA

Panel Area : 7,392 ft² (686m²)

Texture : Reeds, Rough 2, Smooth

Color : White

Architect : Shepley Bulfinch

Contractor : Pre-Fab by: NRB Inc

Installation by : Sweeney Drywall Finishes Corp

Installation : Rainscreen assembly

Fasteners : Color-matched, surface SFS Face Screws

Features

- Concealed and exposed façade /rain screen panel installation systems
- Solutions for Ultra High Performance Concrete, Glass Fiber Reinforced Concrete and other manufactured stone
- Systems compatible with a variety of undercut anchors and other solutions

Typical Systems Used:

**MFSTR-LW1250, MFSTR-1125
or MFSTR-UCRAIL**

Fiber Cement



City Square Mortsel

Architect : Abscis Architecten

Project Year : 2014

EQUITONE [tectiva] facade material

Features

- Concealed and exposed façade /rain screen panel installation systems
- Solutions for fiber cement panel installations
- Systems compatible with a variety of fasteners including color matched exposed fasteners, concealed undercut anchors and concealed rivet type anchors

Typical Systems Used:

**MFSTR-LW1250, MFSTR-1125,
or MFSTR-UCRAIL**

Hybrid Aluminum / WHS (Wood Hybrid System)



Office in Andrimont, Louvers, Belgium

Architect: Beck Architect

Teak, Iroko Color

Features

- Geolam is manufactured in Japan and has been available in North America market for the past nine years
- Zero Color-fade - What you see today, is what you will see in 30 years
- Zero moisture - without moisture in the boards the mold and mildew cannot grow
- Zero maintenance - no need to seal cut ends at installation, no follow-up maintenance needed. Stains can be removed with light sanding.
- 10-year non-prorated warranty



Geolam®
Architectural Eco-Technology

MFSTR-SSXCLAD Concealed Fastener System

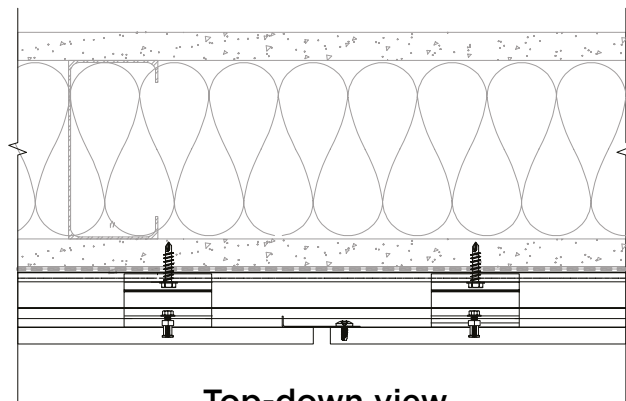
Stainless Steel Concealed Fastener Rail & Bracket

Stainless Steel -
Exclusively Available
at Monarch

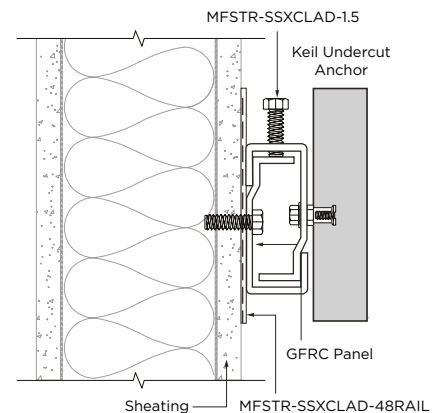
Features

- Concealed fastener mounting system
- Available in 304 and 316 stainless steel
- Rail available in lengths up to 96" in 11 Ga. and 120" 16 Ga. stainless steel
- Clips can be drilled to accommodate various fasteners for connecting the clip to the back side of the panel, including high strength, undercut anchors
- Can be manufactured with 2 holes or 1 hole per clip
- Clips offered with a panel height adjustment mechanism
- Undercut anchors, such as the Keil Undercut anchors often have central pull fracture loads of more than 750 pounds* when properly installed
- Undercut anchors have been utilized with TAKTL panels; GFRP panels, high-pressure laminate, terracotta and stone

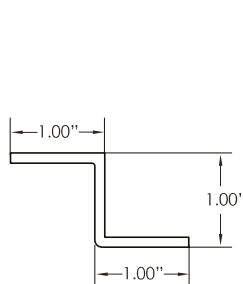
*Fracture loads vary widely depending upon the material



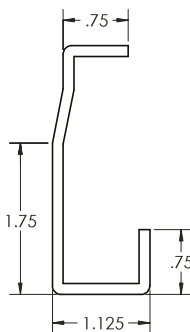
Top-down view



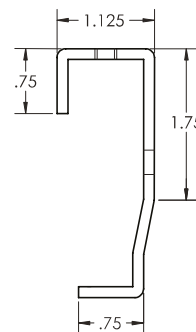
Side view



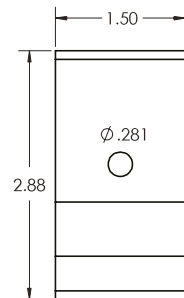
1" x 1" x 1"
Z Channel



MFSTR-SSXCLAD
-120RAIL

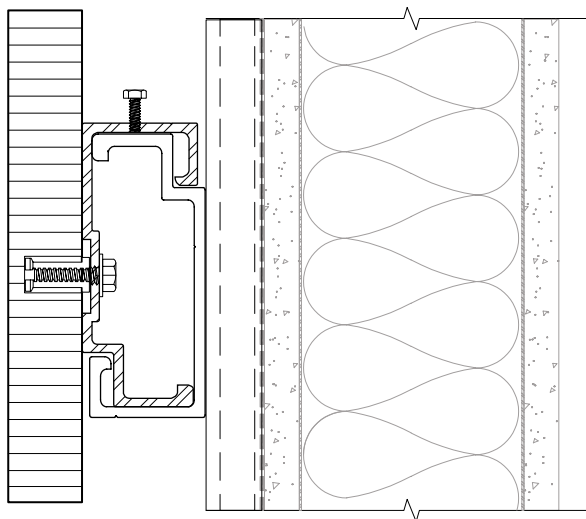


MFSTR-SSXCLAD
-1.5ADJ



MFSTR-SSXCLAD
-1.5ADJ

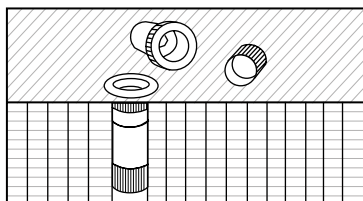
Honeycomb/Sandwich Panels with Stone Veneer



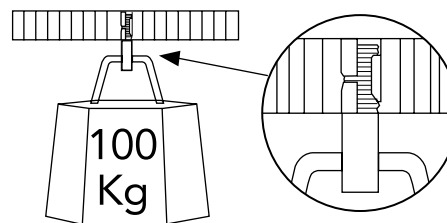
Features

- Patented fastening system to securely install honeycomb panels in ventilated rain screen applications
- Panel bracket designed so that the bracket is flush with the back of the panel
- Adjustable system from Specialinsert is suitable for any kind of material (honeycomb, foam) and thickness

High Performance for Structural Applications



Secure installation through the combination of a threaded insert ready to receive a bolt



Properly installed anchors can hold up to 100 KG

Simple, Easy Installation



Bore a cylindrical or hexagonal hole suitable for accommodating the **Deform-Nut**®



Screw the tool into the **Deform-Nut**® and execute the deformation



Insert the **Deform-Nut**® into the hole and activate with the fitting tool

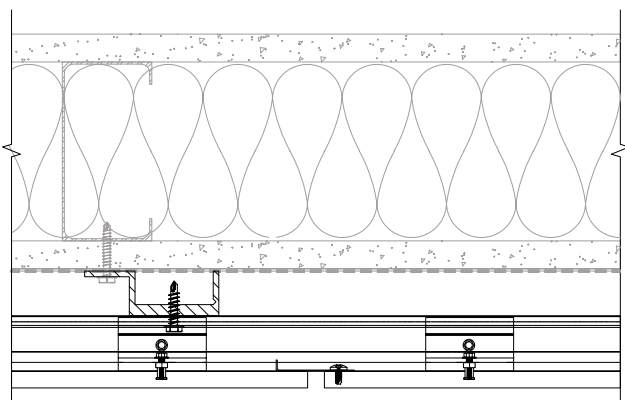


On removal of the tool the **Deform-Nut**® is ready to receive the screw

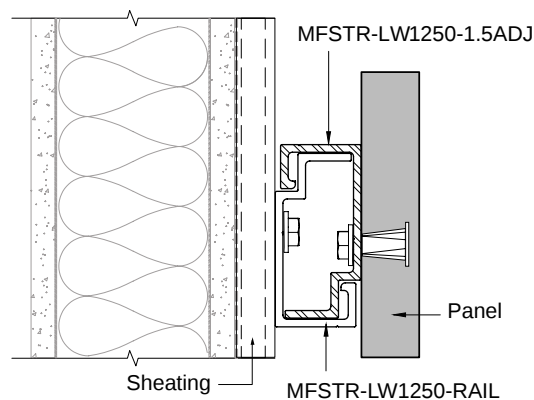
GFRC Insert System

Cast in Place Inserts for GFRC

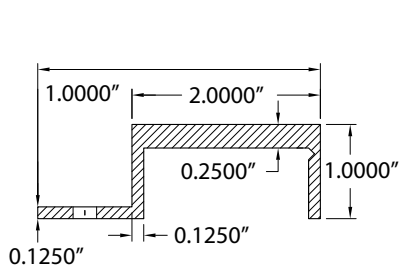
- Concealed fastener attachment system for GFRC panels in back ventilated rain screen applications with the Monarch MFSTR-LW1250 System
- Cast in place insert from various sources embedded in the GFRC panel during the casting process
- Zinc and Nylon inserts available



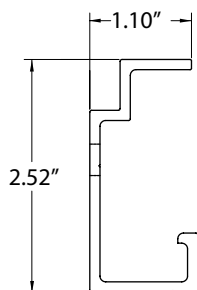
Top-down view



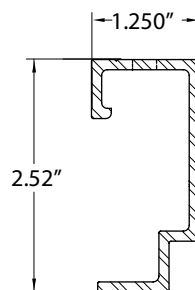
Section view



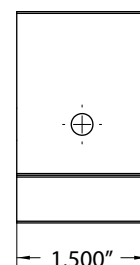
110-000 J
Channel



MFSTR-LW1250-
RAIL

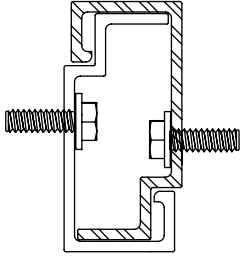


MFSTR-LW1250-
1.5ADJ



MFSTR-LW1250-
1.5ADJ

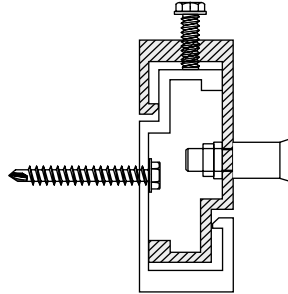
Concealed Bracket & Railing Options



Undercut Anchor Rail & Brackets (Fischer)

MFSTR-LW1250

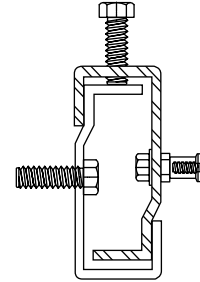
For concealed anchor installations using Fischer Undercut Anchor



Heavy Duty Rail & Bracket

MFSTR-1125

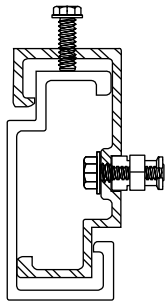
For concealed anchor façade panel installations



Stainless Steel Rail & Bracket

MFSTR-SSXCLAD

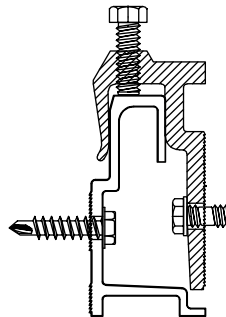
For concealed anchor façade panel installations in hostile conditions



Undercut Anchor Rail & Brackets (Keil)

MFSTR-UCRAIL

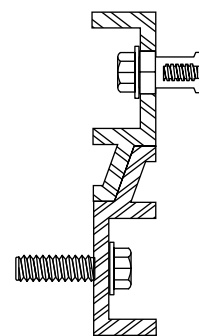
For concealed anchor installations using Keil Undercut Anchors



Rail & Bracket for HPL Phenolic Panels

200-000-RAIL

Concealed anchor installations for HPL Phenolic Panels

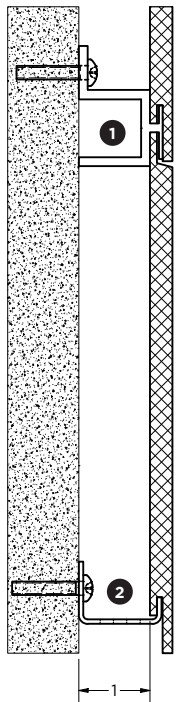


1/2" Projection Keil Anchor System

MFSTR-050

Concealed fastener rail and bracket for Keil Anchors with a 1/2" Projection

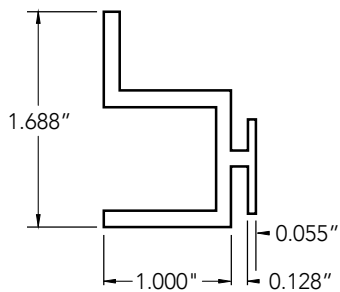
HPL Plankboard Panels



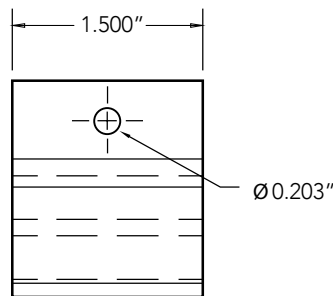
- ① MFPLANK - Clip
- ② MFPLANKSR - Starter Rail

Features

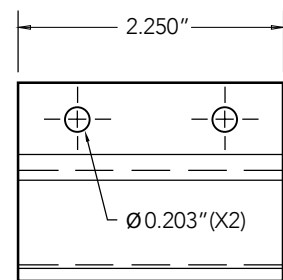
- Progressive install plankboard system designed for HPL panels but customizable to others
- 1" air space behind the panel



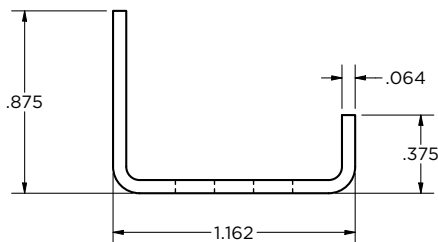
MFPLANK - Clip



MFPLANK-PHEN-313x1.5



MFPLANK-PHEN-313x2.25



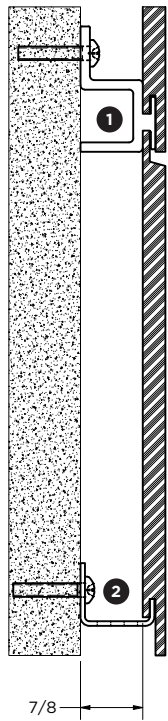
MFPLANKSR-Starter Rail

Trespa Pura NFC



PURA[®] NFC

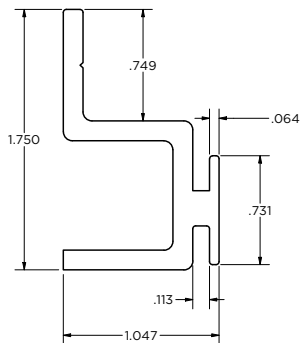
BY TRESPA



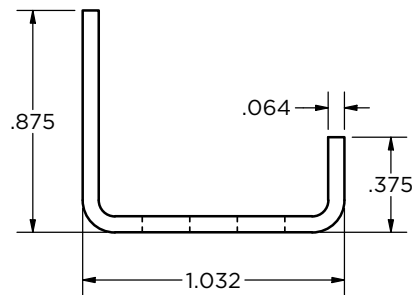
- ① MFTP - Clip
- ② MFTPSR - Starter Rail

Features

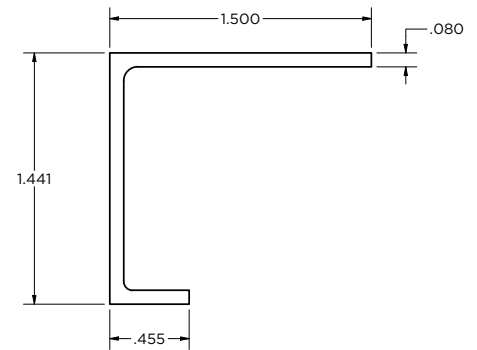
- Custom Cladding Support System for Trespa Pura NFC
- Eliminates 1x Furring
- 7/8" air space behind the panel
- Ventilated Starter Rail, EdgeTrim Inside and Outside Corners



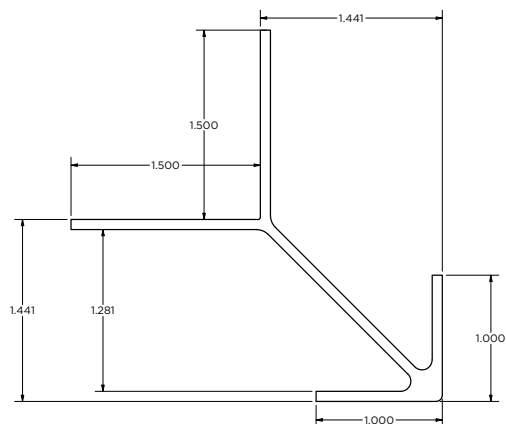
MFTP - Clip



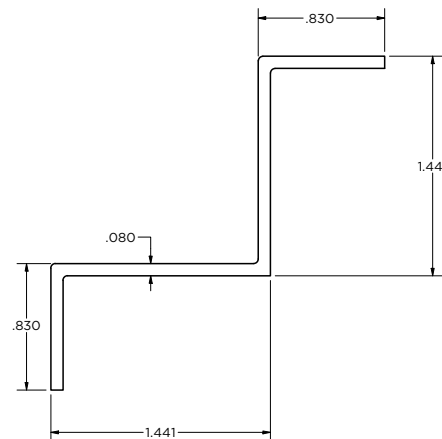
MFTPSR - Starter Rail



MFTPET - Edge Trim

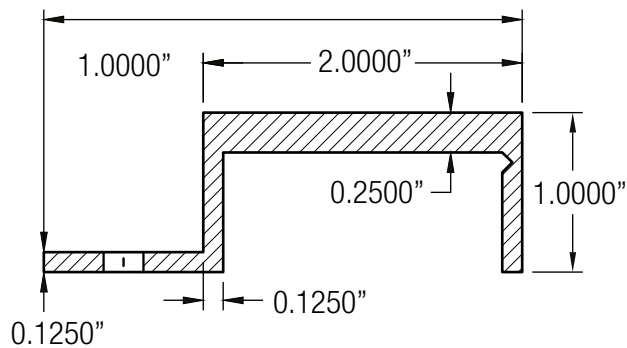


MFTPOC - Outside Corner

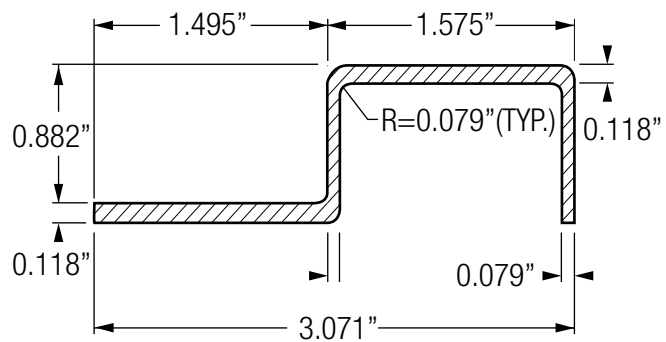


MFTPIC - Inside Corner

Stock J Channel



110-000 J Channel

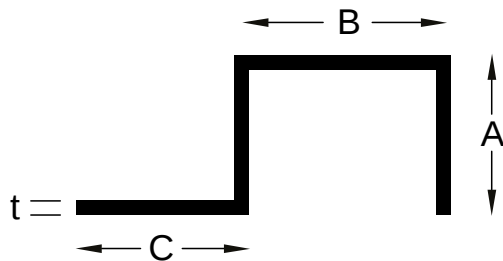


FMAX-J-144-BK

Made to Order (Custom)

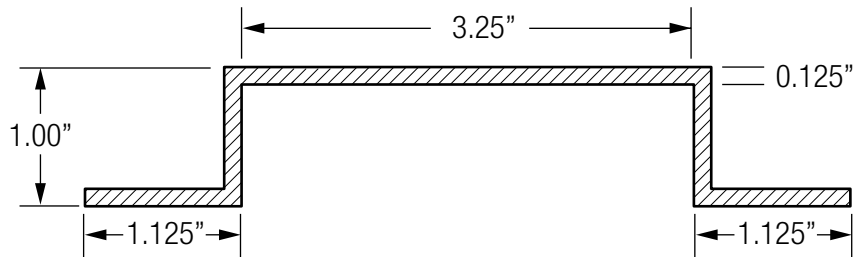
- Wide range of possible sizes
- Choice of alloys
- Choice of mill, painted or powder coated finishes
- Choice of lengths

A	B	C	t
0.500	1.000	1.000	0.125
	1.500	1.000	0.125
	2.000	1.000	0.125
0.750	1.000	1.000	0.125
	1.500	1.000	0.125
	2.000	1.000	0.125
1.000	1.000	1.000	0.125
	1.500	1.000	0.125
	2.000	1.000	0.125



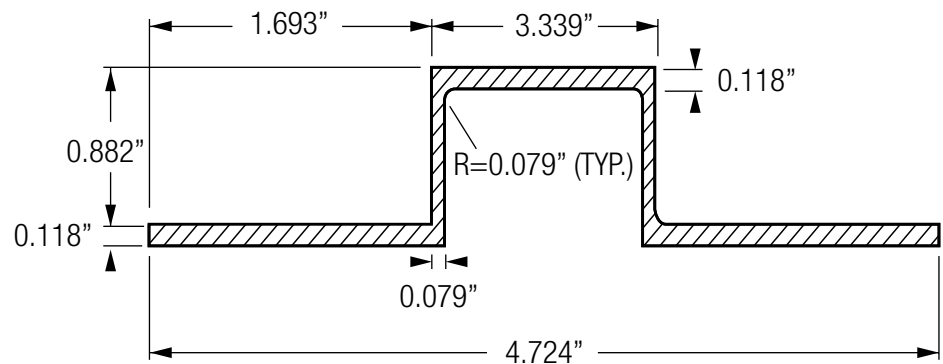
* Can be used with exposed or concealed fastening system.

Hat Channel



110-001 Hat Channel

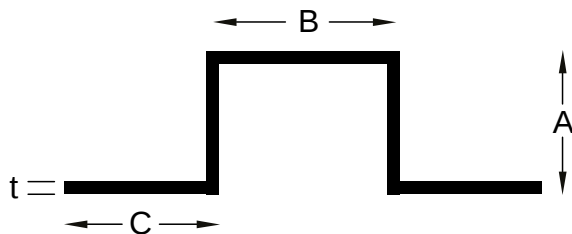
FMAX-HAT-144-BK



Made to Order (Custom)

- Wide range of possible sizes
- Choice of alloys
- Choice of mill, painted or powder coated finishes
- Choice of lengths

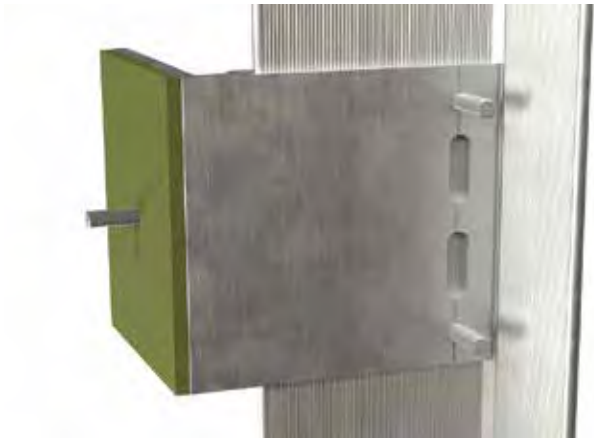
A	B	C	t
0.500	1.000	1.000	0.125
	1.500	1.000	0.125
	2.000	1.000	0.125
0.750	1.000	1.000	0.125
	1.500	1.000	0.125
	2.000	1.000	0.125
1.000	1.000	1.000	0.125
	1.500	1.000	0.125
	2.000	1.000	0.125



* Can be used with exposed or concealed fastening system.

Wall Bracket - Vertical Rails

Thermally Isolated Wall Brackets - Vertical Rails

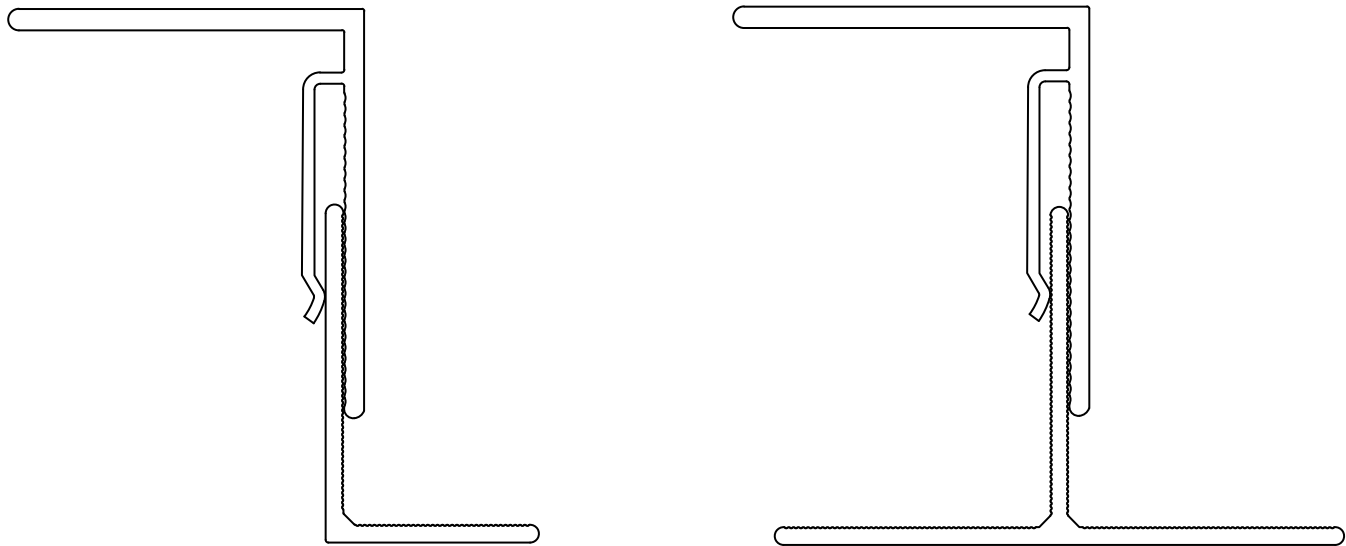


Features

- Available punched for metal stud or concrete wall substrate
- 1 1/2" Adjustment Range to Shim the Rail for Plumbness
- Single Bracket used for wind load
Double Bracket used for dead load
- Pairing L Rail or T Rail in Black
Available in 120" and 144" lengths

Part Name	Projection	Adjustable Min	Adjustable Max	Wall Substrate
VWB-02	2.0"	2.0"	3.0"	Metal Stud, Concrete
VWB-03	3.0"	3.0"	4.5"	Metal Stud, Concrete
VWB-04	4.0"	4.0"	5.5"	Metal Stud, Concrete
VWB-05	5.0"	5.0"	6.6"	Metal Stud, Concrete

single and double mounting configurations available



Vertical Wall Bracket
(Top View)

Wall Bracket - Horizontal Rails

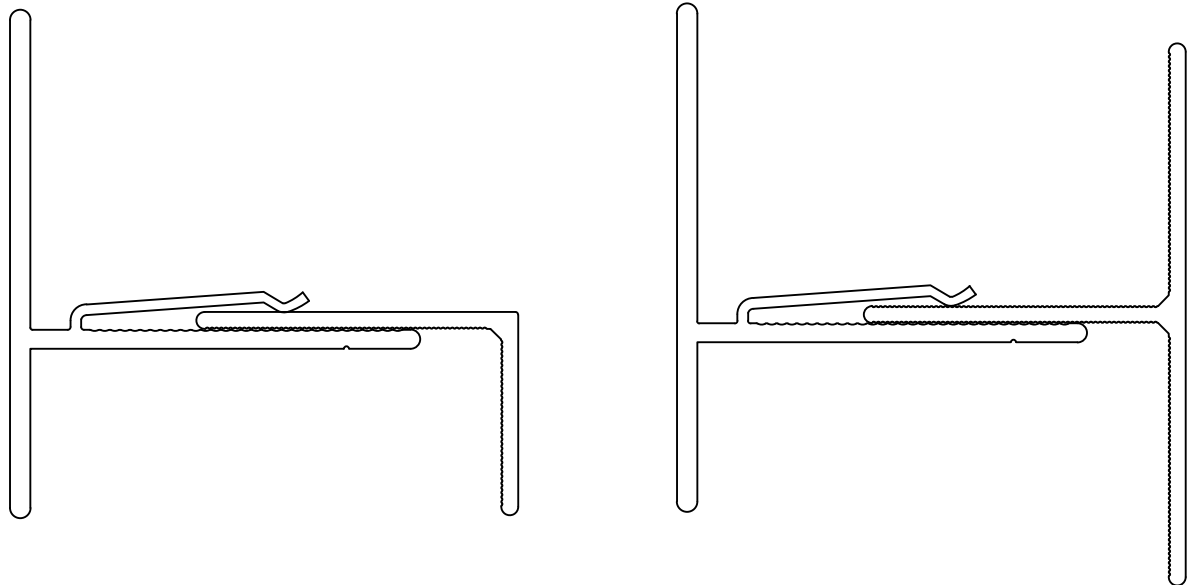
Thermally Isolated Wall Brackets - Horizontal Rails



Features

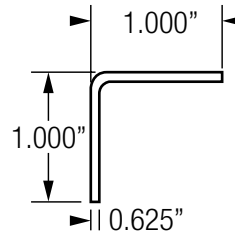
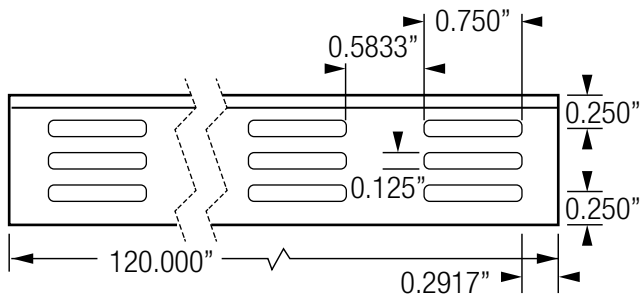
- Available punched for metal stud or concrete wall substrate
- 1 1/2" Adjustment Range to Shim the Rail for Plumbness
- Range of stock sizes available in addition to custom sizes not listed here
- Pairing L Rail or T Rail in Black Available in 120" and 144" lengths

Part Name	Projection	Adjustable Min	Adjustable Max	Wall Substrate
HWB-02	2.0"	2.0"	3.0"	Metal Stud, Concrete
HWB-03	3.0"	3.0"	4.5"	Metal Stud, Concrete
HWB-04	4.0"	4.0"	5.5"	Metal Stud, Concrete
HWB-05	5.0"	5.0"	6.6"	Metal Stud, Concrete



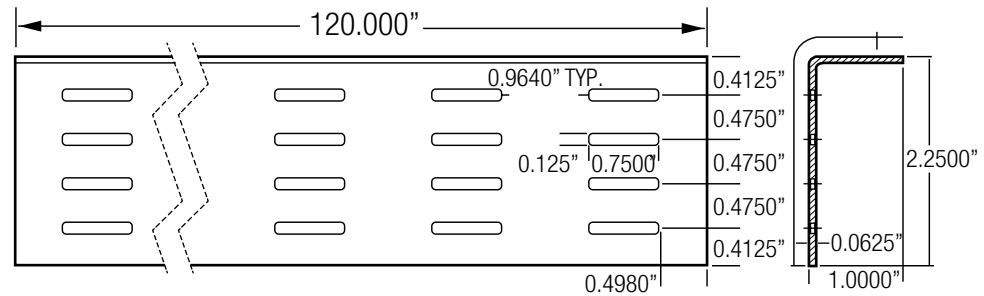
Horizontal Wall Bracket
(Section View)

Stock Vent Screen



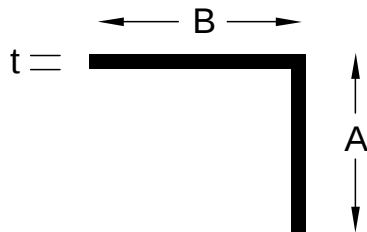
**110-002 1"
Vent Screen**

**210-001 2.25"
Vent Screen**



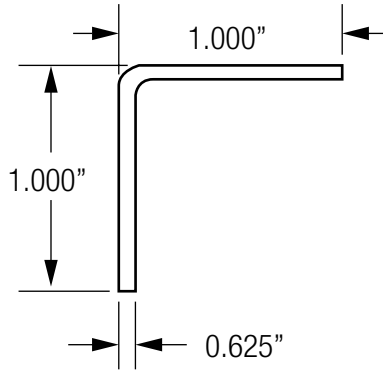
Made to Order (Custom)

- Wide range of possible sizes
- Choice of mill, painted or powder coated finishes
- Choice of lengths
- Allows for air flow behind rain screen panels when necessary

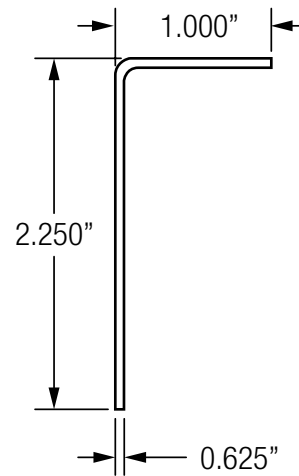


A	B	t
0.500	1.000	0.063
0.750	1.000	0.063
1.000	1.000	0.063
1.250	1.000	0.063
1.500	1.000	0.063
1.750	1.000	0.063
2.000	1.000	0.063
2.250	1.000	0.063
2.500	1.000	0.063
2.750	1.000	0.063
3.000	1.000	0.063
3.250	1.000	0.063
3.500	1.000	0.063
3.750	1.000	0.063
4.000	1.000	0.063

Stock System Closure



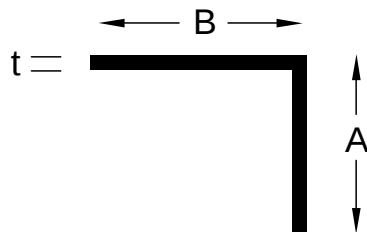
000-003 1" System Closure



210-000 2.25" System Closure

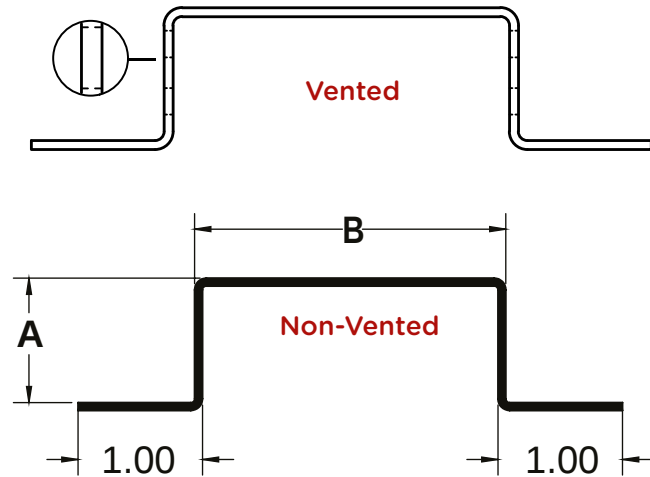
Made to Order (Custom)

- Wide range of possible sizes
- Choice of mill, painted or powder coated finishes
- Choice of lengths
- For closing drained and back ventilated rain screen systems without air flow



A	B	t
0.500	1.000	0.063
0.750	1.000	0.063
1.000	1.000	0.063
1.250	1.000	0.063
1.500	1.000	0.063
1.750	1.000	0.063
2.000	1.000	0.063
2.250	1.000	0.063
2.500	1.000	0.063
2.750	1.000	0.063
3.000	1.000	0.063
3.250	1.000	0.063
3.500	1.000	0.063
3.750	1.000	0.063
4.000	1.000	0.063

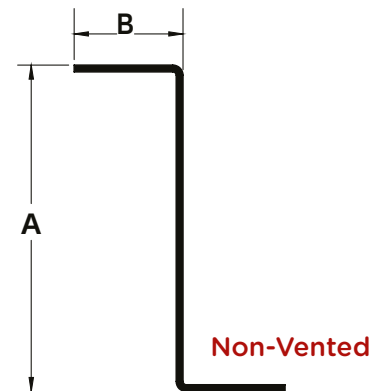
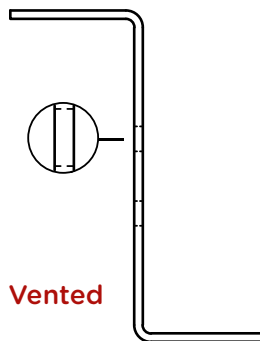
Hat Channel (Vented & Non-Vented)



Material : **Galvanized Steel, Aluminum, & Stainless Steel**
 Type : Fabricated from Sheet
 Std Lengths : 10'
 Custom : Custom sizes available with ventilation holes or without

DIMENSION A	DIMENSION B	THICKNESS t
1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
	4	16 Ga. (.063") or 18 Ga. (.051")
1	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
	4	16 Ga. (.063") or 18 Ga. (.051")
1 1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
	4	16 Ga. (.063") or 18 Ga. (.051")
2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
	4	16 Ga. (.063") or 18 Ga. (.051")

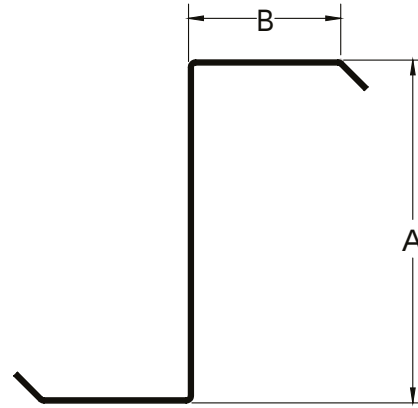
Z Girts (Vented & Non-Vented)



Material : **Galvanized Steel, Aluminum, & Stainless Steel**
 Type : Fabricated from Sheet
 Std Lengths : 10'
 Custom : Custom sizes available with ventilation holes or without

DIMENSION A	DIMENSION B	THICKNESS t
1/2	1	16 Ga. (.063") or 18 Ga. (.051")
1	1	16 Ga. (.063") or 18 Ga. (.051")
1 1/2	1	16 Ga. (.063") or 18 Ga. (.051")
2	1	16 Ga. (.063") or 18 Ga. (.051")
2 1/2	1	16 Ga. (.063") or 18 Ga. (.051")
3	1	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	1	16 Ga. (.063") or 18 Ga. (.051")
4	1	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	1	16 Ga. (.063") or 18 Ga. (.051")
5	1	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	1	16 Ga. (.063") or 18 Ga. (.051")
6	1	16 Ga. (.063") or 18 Ga. (.051")
1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
1	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
1 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
2 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
3	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
4	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
5	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
6	1 1/2	16 Ga. (.063") or 18 Ga. (.051")

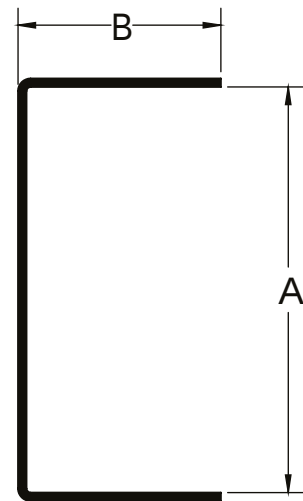
Z Girts (Vented & Non-Vented)



Material	: G alvanized Steel, Aluminum, & Stainless Steel
Type	: Fabricated from Sheet
Std Lengths	: 10'
Custom	: Custom sizes available, available with ventilation holes or without

DIMENSION A	DIMENSION B	THICKNESS t
2 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
3	2	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
4	2	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
5	2	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
6	2	16 Ga. (.063") or 18 Ga. (.051")
6 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
7	2	16 Ga. (.063") or 18 Ga. (.051")
7 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
8	2	16 Ga. (.063") or 18 Ga. (.051")
2 1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
3	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
4	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
5	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
6	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
6 1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
7	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
7 1/2	2 1/2	16 Ga. (.063") or 18 Ga. (.051")
8	2 1/2	16 Ga. (.063") or 18 Ga. (.051")

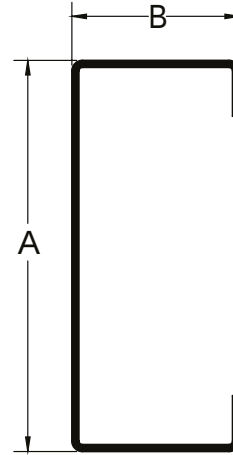
C Channel (Vented & Non-Vented)



Material : **G alvanized Steel, Aluminum, & Stainless Steel**
 Type : Fabricated from Sheet
 Std Lengths : 10'
 Custom : Custom sizes available, available with ventilation holes or without

DIMENSION A	DIMENSION B	THICKNESS t
3	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
4	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
5	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
6	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
3	2	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
4	2	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
5	2	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
6	2	16 Ga. (.063") or 18 Ga. (.051")

C Channel with Lip (Vented & Non-Vented)



Material : **G alvanized Steel, Aluminum, & Stainless Steel**
 Type : Fabricated from Sheet
 Std Lengths : 10'
 Custom : Custom sizes available, available with ventilation holes or without

DIMENSION A	DIMENSION B	THICKNESS t
3	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
4	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
5	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
6	1 1/2	16 Ga. (.063") or 18 Ga. (.051")
3	2	16 Ga. (.063") or 18 Ga. (.051")
3 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
4	2	16 Ga. (.063") or 18 Ga. (.051")
4 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
5	2	16 Ga. (.063") or 18 Ga. (.051")
5 1/2	2	16 Ga. (.063") or 18 Ga. (.051")
6	2	16 Ga. (.063") or 18 Ga. (.051")

STANDOFFS



Stainless Standoffs64

Aluminum Standoffs 66

Standoff Barrels 67

Standoff Hardware..... 68



MONARCH
METAL INC.

Architectural Grade Materials & Finishes



Stainless Steel
(Brushed Finish)



Aluminum
(Clear Anodized Finish)



Bronze
(Statuary Finish)

STANDOFFS

Architectural Grade Materials & Finishes



Countertop support



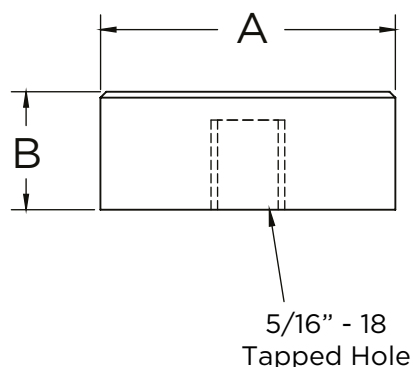
Panel Installation Hardware



Sign Hardware

No Stem Cap - Stainless Steel

Stainless Steel



Part No.	Dia. (A)	Height (B)
SO-SS-1NSCAP	1"	3/8"
SO-SS-1.25NSCAP	1 1/4"	1/2"
SO-SS-1.5NSCAP	1 1/2"	1/2"
SO-SS-2NSCAP	2"	5/8"

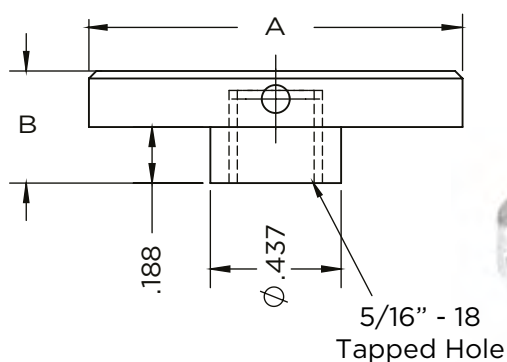


Ordering Notes

- Please note that you are ordering the "No Stem" cap when ordering
- Custom heights available
- Specify threaded connector length when ordering

Security Cap - Stainless Steel

Stainless Steel



Part No.	Dia. (A)	Height (B)
SO-SS-1SECCAP	1"	3/8" Total (3/16" Exposed)
SO-SS-1.25SECCAP	1 1/4"	3/8" Total (3/16" Exposed)
SO-SS-1.5SECCAP	1 1/2"	3/8" Total (3/16" Exposed)
SO-SS-2SECCAP	2"	3/8" Total (3/16" Exposed)



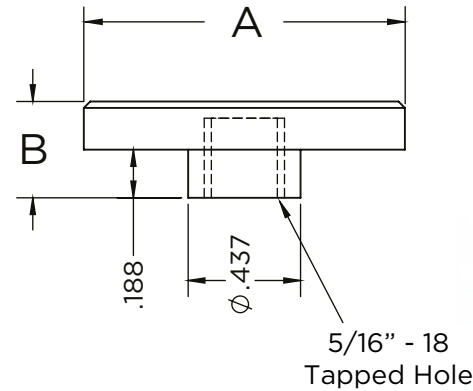
Ordering Notes

- Security caps require a 7/16" hole for installation
- (2) 3/32" holes for tightening with spanner wrench



Standard Cap - Stainless Steel

Stainless Steel



Part No.	Dia. (A)	Height (B)
SO-SS-1CAP	1"	3/8" Total (3/16" Exposed)
SO-SS-1.25CAP	1 1/4"	3/8" Total (3/16" Exposed)
SO-SS-1.5CAP	1 1/2"	3/8" Total (3/16" Exposed)
SO-SS-2CAP	2"	3/8" Total (3/16" Exposed)

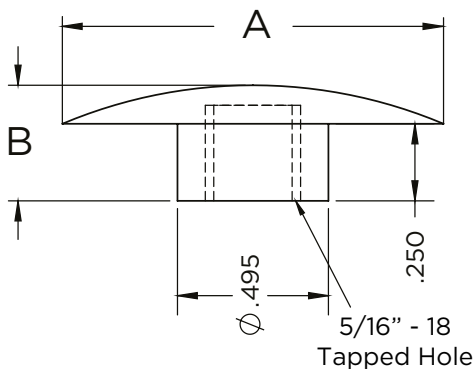


Ordering Notes

- Standard stainless caps require a 7/16" hole for installation
- Custom sizes are available
- Specify threaded connector length when ordering

Low Profile Cap - Stainless Steel

Stainless Steel



Part No.	Dia. (A)	Height (B)
SO-SS-1LPCAP	1"	3/8" Total (1/8" Exposed)
SO-SS-1.25LPCAP	1 1/4"	3/8" Total (1/8" Exposed)
SO-SS-1.5LPCAP	1 1/2"	3/8" Total (1/8" Exposed)
SO-SS-2LPCAP	2"	3/8" Total (1/8" Exposed)



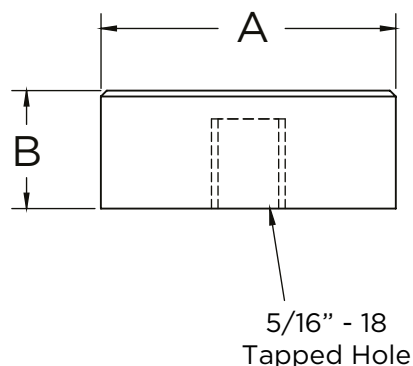
Ordering Notes

- Low profile caps require a 1/2" hole for installation
- Specify threaded connector length when ordering



Aluminum Cap

Standard



Part No.	Dia. (A)	Height (B)
SO-AL-1CAP	1"	3/8"
SO-AL-1.25CAP	1 1/4"	1/2"
SO-AL-1.5CAP	1 1/2"	1/2"
SO-AL-2CAP	2"	5/8"

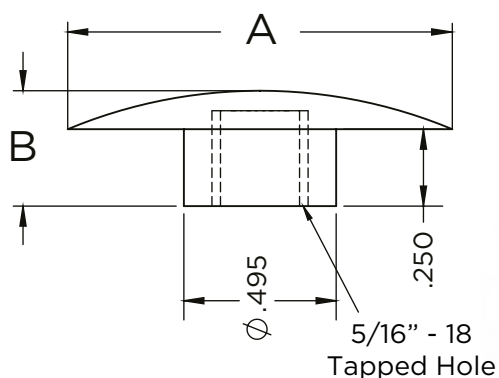
Ordering Notes

- Note that the height of the cap varies with the diameter
- Custom sizes are available
- Specify threaded connector length when ordering



Aluminum Cap

Low Profile



Part No.	Dia. (A)	Height (B)
SO-AL-1LPCAP	1"	3/8" Total (1/8" Exposed)
SO-AL-1.25LPCAP	1 1/4"	3/8" Total (1/8" Exposed)
SO-AL-1.5LPCAP	1 1/2"	3/8" Total (1/8" Exposed)
SO-AL-2LPCAP	2"	3/8" Total (1/8" Exposed)

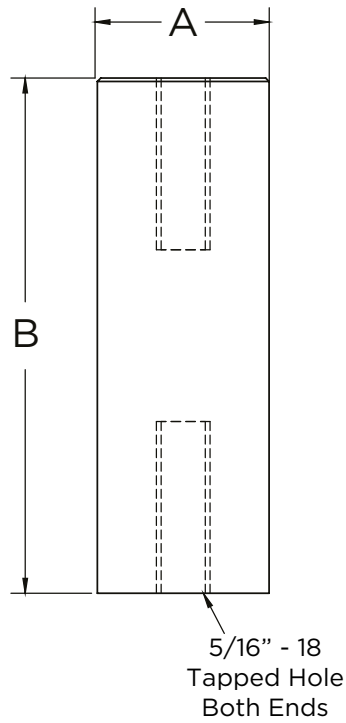
Ordering Notes

- Low profile caps require a 1/2" hole for installation
- Specify threaded connector length when ordering



Aluminum & Stainless Steel Barrels

Standard



ALUMINUM



STAINLESS STEEL

Ordering Notes

- Custom heights available
- Aluminum Barrels up to 1" in height are tapped thru while 2" barrels and taller are tapped approximately 7/8" from each end
- Stainless Barrels at 1.5" have a thru hole but not tapped thru as a continuous thread, while 2" barrels and taller are tapped approximately 3/4" from each end

ALUMINUM

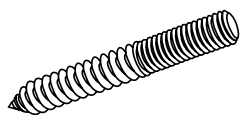
Part No.	Dia. (A)			
Height (B)	1" Dia.	1 1/4" Dia.	1 1/2" Dia.	2" Dia
1"	SO-AL-1BL-1	SO-AL-1.25BL-1	SO-AL-1.5BL-1	SO-AL-2BL-1
2"	SO-AL-1BL-2	SO-AL-1.25BL-2	SO-AL-1.5BL-2	SO-AL-2BL-2
3"	SO-AL-1BL-3	SO-AL-1.25BL-3	SO-AL-1.5BL-3	SO-AL-2BL-3
4"	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER
6"	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER

STAINLESS STEEL

Part No.	Dia. (A)			
Height (B)	1" Dia.	1 1/4" Dia.	1 1/2" Dia.	2" Dia
1"	SO-SS-1BL-1	SO-SS-1.25BL-1	SO-SS-1.5BL-1	SO-SS-2BL-1
1 1/2"	SO-SS-1BL-1.5	SO-SS-1.25BL-1.5	SO-SS-1.5BL-1.5	SO-SS-2BL-1.5
2"	SO-SS-1BL-2	SO-SS-1.25BL-2	SO-SS-1.5BL-2	SO-SS-2BL-2
3"	SO-SS-1BL-3	SO-SS-1.25BL-3	SO-SS-1.5BL-3	SO-SS-2BL-3
4"	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER
6"	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER	MADE TO ORDER

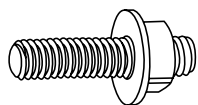
Mounting Hardware

Hanger Bolts



	Hanger Bolts			
	Part Number	Overall	Machine Thread	Wood Screw
Option A	HB-A	1 1/2"	5/8"	7/8"
Option B	HB-B	2 1/2"	1"	1 1/2"
Option C	HB-C	4"	2"	2"

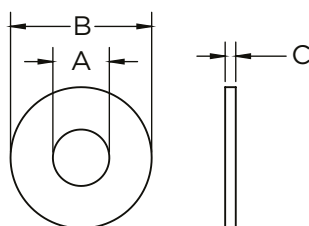
Table top Screw with Anchor



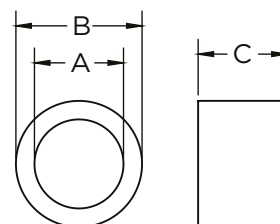
	Tabletop Screw with Anchor	
	Part Number	Surface Thickness
Option A	TT-A	1" Thick Surface
Option B	TT-B	1.25" Thick Surface
Option C	TT-C	1.75" Thick Surface

Also Available

Vinyl Washers



Vinyl Tube



Ordering Notes

- Custom sizes are available
- Ask for assistance from your sales representative



ARCHITECTURAL METALS



Angle: Aluminum Stainless
and Steel..... 70

Channel: Aluminum, Stainless
and Steel..... 75

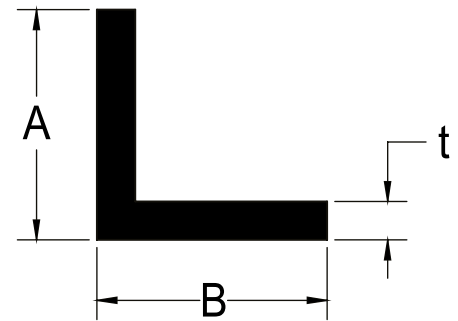
Flat Bar: Aluminum, Stainless
and Steel..... 78



MONARCH
METAL INC.

Architectural Aluminum Angle

Aluminum Angle

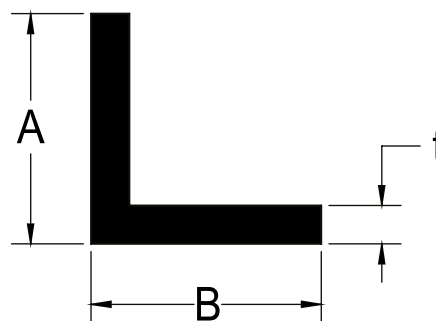


Alloy	: 6063 Aluminum
Type	: Equal Legs & Unequal Legs
Std Lengths	: 16', 8'
Custom	: Available Punched with Holes or Cut to Length
Finishes	: Mill, Brushed, Anodized, Mirror Polished

DIMENSION A		DIMENSION B		THICKNESS t
1/2	x	3/8	x	1/16
		1/2	x	1/16
		1/2	x	1/8
5/8	x	5/8	x	1/8
3/4	x	3/8	x	3/32
		3/8	x	1/8
		3/4	x	1/16
		3/4	x	3/32
		3/4	x	1/8
7/8	x	7/8	x	1/8
1	x	1/2	x	1/16
		1/2	x	3/32
		1/2	x	1/8
		3/4	x	1/8
		1	x	1/16
		1	x	1/8
		1	x	3/16
		1	x	1/4
1 1/4	x	1/2	x	1/8
		3/4	x	1/8
		1	x	1/8
		1 1/4	x	1/8
		1 1/4	x	3/16
		1 1/4	x	1/4

DIMENSION A		DIMENSION B		THICKNESS t
1 1/2	x	1/2	x	1/8
		3/4	x	1/8
		1	x	1/8
		1 1/2	x	1/8
		1 1/2	x	3/16
		1 1/2	x	1/4
1 3/4	x	1 3/4	x	1/8
2	x	1/2	x	1/8
		3/4	x	1/8
		1	x	1/8
		1	x	3/16
		1 1/2	x	1/8
		1 1/2		3/16
		1 1/2	x	1/4
		2	x	1/8
		2	x	3/16
		2	x	1/4
2 1/2	x	1 1/2	x	1/8
2 1/2	x	2	x	1/8
		2		3/16
		2	x	1/4
		2 1/2	x	1/8
		2 1/2	x	3/16
		2 1/2	x	1/4
2 3/4	x	1 3/4	x	1/4

Aluminum Angle



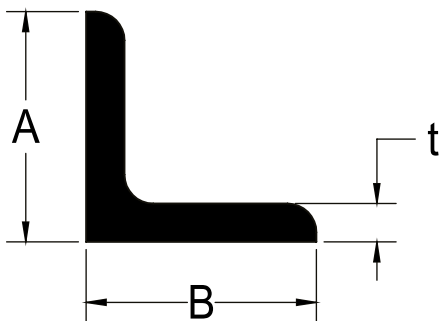
ARCHITECTURAL METALS

DIMENSION A		DIMENSION B		THICKNESS t
3	x	1/2	x	1/8
		1	x	1/8
		2		1/8
		2	x	1/4
		3	x	1/8
		3		3/16
		3	x	1/4
3 1/2	x	1 1/4	x	1/8
4	x	2	x	1/8
		4	x	1/8
5	x	3	x	1/8

[illegible]

Structural Aluminum Angle

Aluminum Angle



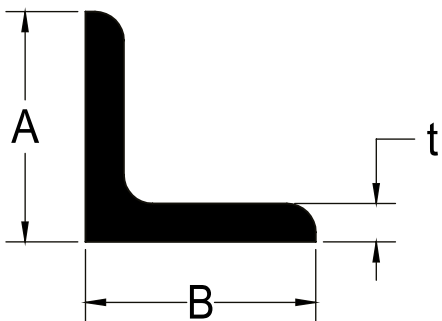
- Alloy : **6061 Aluminum**
- Type : Equal Legs & Unequal Legs
- Std Lengths : 25'
- Custom : Available Punched with Holes or Cut to Length
- Finishes : Mill, Brushed, Mirror Polished

DIMENSION		DIMENSION		THICKNESS
A		B		t
3/4	x	3/4	x	1/8
1	x	1	x	1/8
				3/16
				1/4
1 1/4	x	1 1/4	x	1/8
				3/16
				1/4
1 1/2	x	1	x	1/4
1 1/2	x	1 1/4	x	1/8
				3/16
				1/4
1 1/2	x	1 1/2	x	1/8
				3/16
				1/4
1 3/4	x	1 1/4	x	1/8
				1/4
1 3/4	x	1 3/4	x	1/8
				3/16
				1/4
2	x	1 1/2	x	1/8
				3/16
				1/4

DIMENSION		DIMENSION		THICKNESS
A		B		t
2	x	2	x	1/8
				3/16
				1/4
				5/16
				3/8
2 1/2	x	1 1/2	x	1/8
				3/16
				1/4
2 1/2	x	2	x	3/16
				1/4
2 1/2	x	2 1/2	x	1/8
				3/16
				1/4
				5/16
				3/8
3	x	2	x	3/16
				1/4
				3/8
3	x	2 1/2	x	1/4
				3/8
3	x	3	x	3/16
				1/4
				5/16
				3/8
				1/2

Structural Aluminum Angle

Aluminum Angle

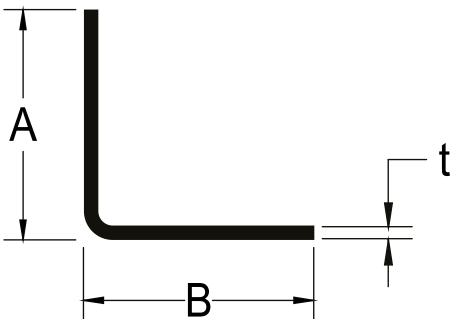


- Alloy : **6061 Aluminum**
- Type : Equal Legs & Unequal Legs
- Std Lengths : 25'
- Custom : Available Punched with Holes or Cut to Length
- Finishes : Mill, Brushed, Mirror Polished

DIMENSION		DIMENSION		THICKNESS
A		B		t
3 1/2	x	2 1/2	x	1/4
				3/8
				1/2
3 1/2	x	3 1/2	x	1/4
				3/8
				1/2
4	x	3	x	1/4
				3/8
				1/2
4	x	4	x	1/4
				3/8
				1/2
5	x	3	x	3/8
				1/2
5	x	5	x	3/8
				1/2
6	x	3	x	3/8
		3 1/2	x	1/2
		4	x	3/8
				1/2
		6	x	3/8
				1/2

DIMENSION		DIMENSION		THICKNESS
A		B		t
8	x	6	x	3/4
		8	x	1/2

Fabricated Stainless Steel Angle



Alloy : **304 Alloy**
Type : Fabricate from Sheet
Std Lengths : Up to 10’ Lengths
Custom : Any
Finishes : Brushed, Mirror, Mill

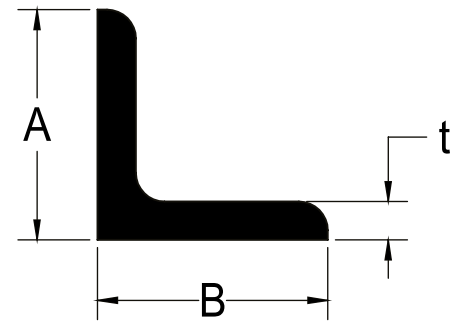
DIMENSION		DIMENSION		THICKNESS
A		B		t
1/2	x	1/2	x	1/16
		3/4	x	1/16
		1	x	1/16
3/4	x	3/4	x	1/16
		1	x	1/16
		1 1/2	x	1/16
1	x	1	x	1/16
*		1	x	1/8 *
		1 1/2	x	1/16
*		1 1/2	x	1/8 *
		2	x	1/16
1 1/4	x	1 1/4	x	1/16
*		1 1/4	x	1/8 *
		1 1/2	x	1/16
*		1 1/2	x	1/8 *
		2	x	1/16

* 96” max length on 1/8” thickness parts

DIMENSION		DIMENSION		THICKNESS
A		B		t
1 1/2	x	1 1/2	x	1/16
*		1 1/2	x	1/8 *
		1 3/4	x	1/16
*		1 3/4	x	1/8 *
		2	x	1/16
2	x	2	x	1/16
*		2	x	1/8 *
		2 1/2	x	1/16
*		2 1/2	x	1/8 *
		3	x	1/16

Note: This product is fabricated to order. As a result, there are a large variety of sizes and thicknesses available. Please call us with your specific needs.

Equal & Unequal Leg Steel Angle

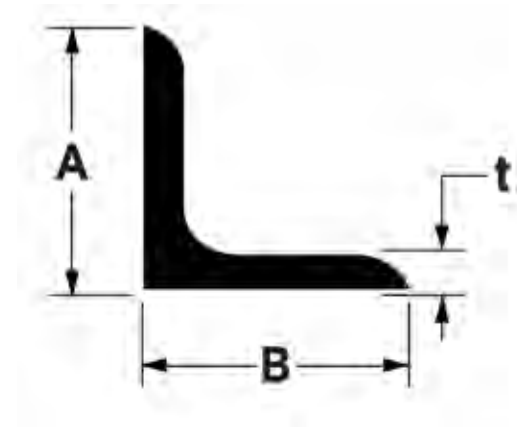


ARCHITECTURAL METALS

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Steel Angle

Equal & Unequal Leg Steel Angle

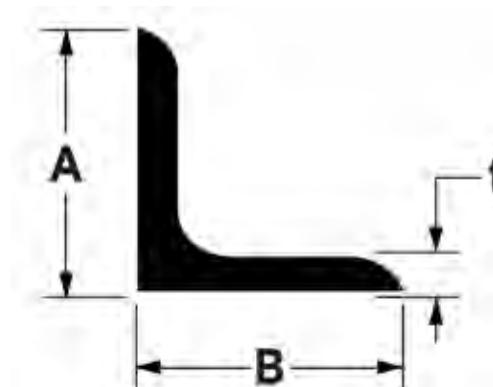


Alloy : **Mild Steel**
 Type : Equal Legs & Unequal Legs
 Std Lengths : 20'
 Custom : Available Punched with Holes or Cut to Length
 Finishes : Mill

DIMENSION		DIMENSION		THICKNESS
A		B		t
1/2	x	1/2	x	1/8
3/4	x	3/4	x	1/8
1	x	1		1/8
				3/16
				1/4
1 1/4	x	1 1/4	x	1/8
				3/16
1 1/2	x	1 1/2	x	1/8
				3/16
				1/4
1 3/4	x	1 3/4	x	1/8
				3/16
				1/4
2	x	2	x	1/8
				3/16
				1/4
				5/16
				3/8
2 1/2	x	2 1/2	x	3/16
				1/4
				5/16
				3/8
				1/2

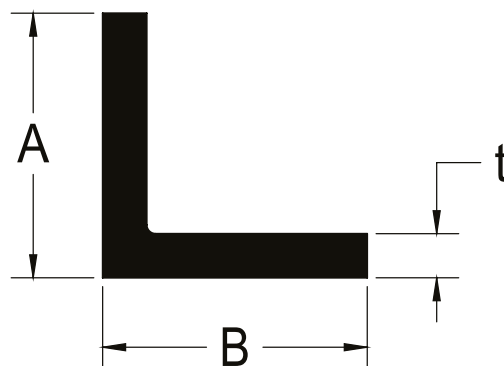
DIMENSION		DIMENSION		THICKNESS
A		B		t
3	x	2	x	1/4
				3/8
				1/2
		2 1/2	x	1/4
				3/8
				1/2
		3	x	1/4
				3/8
				1/2
3 1/2	x	2 1/2	x	1/4
				1/2
		3	x	1/4
				1/2
		3 1/2	x	1/4
				1/2
4	x	3	x	1/4
				3/8
		4	x	1/4
				3/8
				1/2
5	x	3	x	1/4
				5/16
				3/8
				1/2

Equal & Unequal Leg Steel Angle



Alloy	: Mild Steel
Type	: Equal Legs & Unequal Legs
Std Lengths	: 20'
Custom	: Available Punched with Holes
Finishes	: Mill

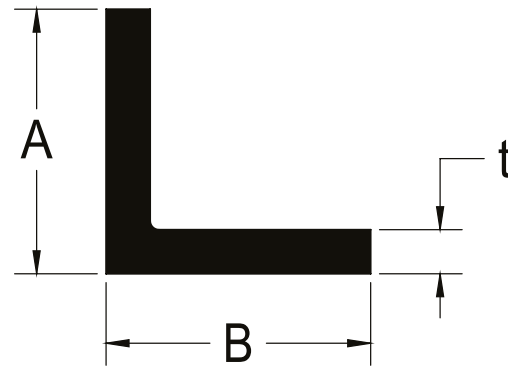
[illegible][illegible]



Alloy	: Aluminum
Type	: Equal Legs & Unequal Legs
Std Lengths	: 16'
Custom	: Available Punched with Holes or Cut to Length
Finishes	: Mill

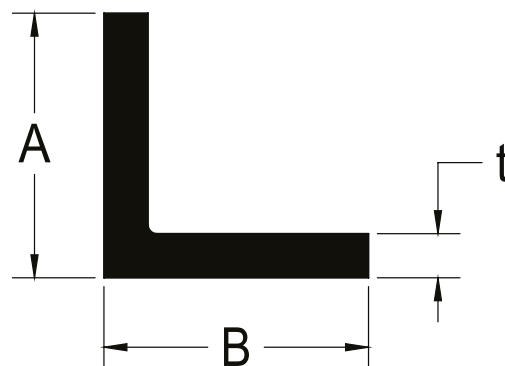
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Equal & Unequal Leg Stainless Angle

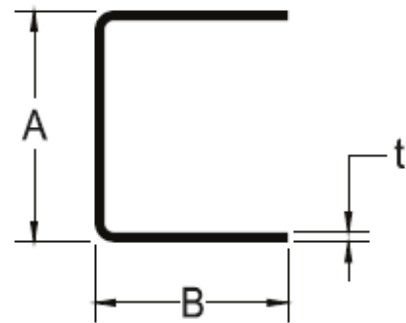


ARCHITECTURAL METALS

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Fabricated Stainless Steel Channel



Alloy : **304 Alloy**
 Type : Fabricate from Sheet
 Std Lengths : Up to 10' Lengths
 Custom : Any
 Finishes : Brushed, Mirror, Mill

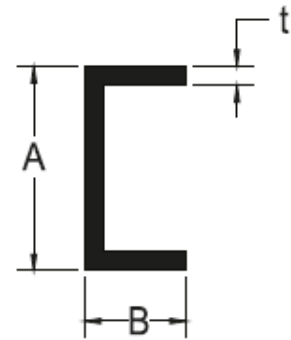
DIMENSION		DIMENSION		THICKNESS	
A		B		t	
3/8	x	5/16	x	1/16	
		5/8	x	1/16	
1/2	x	3/8	x	1/16	
		1/2	x	1/16	
3/4	x	5/16	x	1/16	
		1/2	x	1/16	
		3/4	x	1/16	
1	x	1/2	x	1/16	
*		5/8	x	1/8	*
		3/4	x	1/16	
*		3/4		1/8	*
		1	x	1/16	
*		1	x	1/8	*
1 1/4	x	1/2	x	1/16	
		3/4	x	1/16	
		3/4	x	1/8	
		1	x	1/16	
		1	x	1/8	
		1 1/4	x	1/16	
		1 1/4	x	1/8	

* 96" max length on 1/8" thickness parts

DIMENSION		DIMENSION		THICKNESS	
A		B		t	
1 1/2	x	1/2	x	1/16	
		3/4	x	1/8	
		1	x	1/16	
		1	x	1/8	
		1 1/2	x	1/16	
		1 1/2	x	1/8	
2	x	1	x	1/16	
		1	x	1/8	
		1 1/2	x	1/16	
		1 1/2	x	1/8	
		2	x	1/16	
		2		1/8	

Note: This product is fabricated to order. As a result, there are a large variety of sizes and thicknesses available. Please call us with your specific needs.

Aluminum Sharp Corner Channel (“C Channel” / “U Channel”)



Alloy : **6063 Aluminum**
Type : Sharp Corner
Std Lengths : 16', 8'
Custom : Available Drilled with Holes or Cut to Length
Finishes : Mill, Brushed Finish, Anodized, Mirror Polished

DIMENSION		DIMENSION		THICKNESS
A		B		t
3/8	x	3/8	x	1/16
1/2	x	3/8	x	1/8
		1/2	x	3/32
		3/4	x	1/8
5/8	x	5/8	x	1/8
3/4	x	3/8	x	1/8
		1/2	x	1/16
		1/2	x	1/8
		3/4	x	1/8
		1	x	1/8
		1 1/2	x	1/8
1	x	1/2	x	1/8
		3/4	x	1/8
		1	x	1/8
		1 1/2	x	1/8
		2	x	1/8
1 1/8	x	1 1/8	x	1/8
1 1/4	x	1/2	x	1/8
		3/4	x	1/8
		1 1/4	x	1/8
1 1/2	x	1/2	x	1/8
		3/4	x	1/8
		1	x	1/8
		1 1/2	x	1/8

DIMENSION		DIMENSION		THICKNESS
A		B		t
1 3/4	x	3/4	x	1/8
		1	x	1/8
	x	1 3/4	x	1/8
2	x	1/2	x	1/8
		1	x	1/8
		1	x	3/16
		1 1/2	x	1/8
		2	x	1/8
		2	x	1/4
2 1/4	x	7/8	x	1/8
2 3/8	x	1 1/4	x	3/16
2 1/2	x	1	x	1/8
		1 1/2	x	1/8
3	x	1/2	x	1/8
		1	x	1/8
		2	x	1/8
		3	x	1/8
4	x	1 1/2	x	1/8
5	x	2	x	3/16

Stainless Steel Channel - Sharp Corner

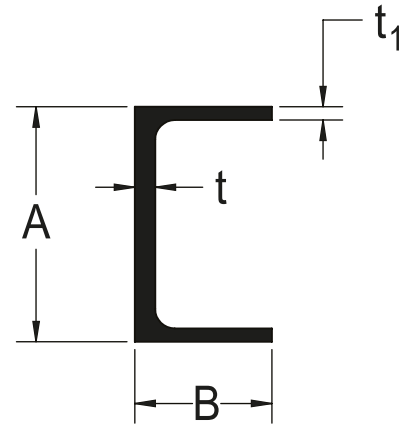


- Alloy : **Stainless Steel ASTM A1069/A1069M/11**
Type : Equal Legs & Unequal Legs
Std Lengths : 20'
Custom : Available Punched with Holes or Cut to Length
Finishes : Bead Blasted as Mill, Brushed, or Mirror Polished

BASE A		BASE t		FLANGE B		FLANGE t ₁
3	x	.258	x	1.498	x	.273
		.356	x	1.596	x	.273
6	x	.437	x	2.157	x	.366
7	x	.437	x	2.157	x	.343
		.210	x	2.090	x	.366
		.314	x	2.194	x	.366
		.419	x	2.299	x	.366
8	x	.220	x	2.260	x	.390
		.303	x	2.343	x	.390
9	x	.233	x	2.433	x	.413
		.285	x	2.485	x	.413
		.448	x	2.648	x	.413

BASE A		BASE t		FLANGE B		FLANGE t ₁
10	x	.240	x	2.600	x	.436
		.379	x	2.739	x	.436
		.526	x	2.886	x	.436
		.673	x	3.033	x	.436
12	x	.282	x	2.942	x	.501
		.387	x	3.047	x	.501
		.510	x	3.170	x	.501
15	x	.400	x	3.400	x	.650
		.520	x	3.520	x	.650
		.716	x	3.716	x	.650

Aluminum Association Aluminum Channel

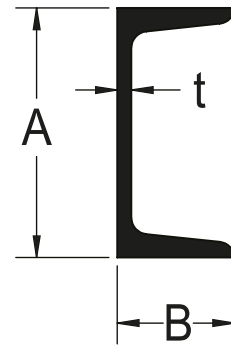


Alloy : **6061 Aluminum**
Type : Aluminum Association
Std Lengths : 25'
Custom : Available Drilled with Holes or Cut to Length
Finishes : Mill, Brushed Finish, Mirror Polished

BASE A		BASE t		FLANGE B		FLANGE t ₁
2	x	.130	x	1	x	.130
		.170	x	1 1/4	x	.260
3	x	.130	x	1 1/2	x	.200
		.170	x	1 3/4	x	.260
4	x	.150	x	2	x	.230
		.190	x	2 1/4	x	.290
5	x	.150	x	2 1/4	x	.260
		.190	x	2 3/4	x	.320
6	x	.170	x	2 1/2	x	.290
		.210	x	3 1/4	x	.350

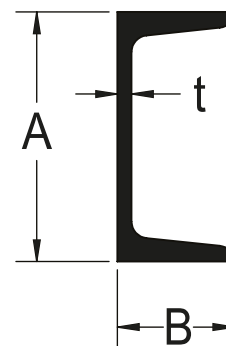
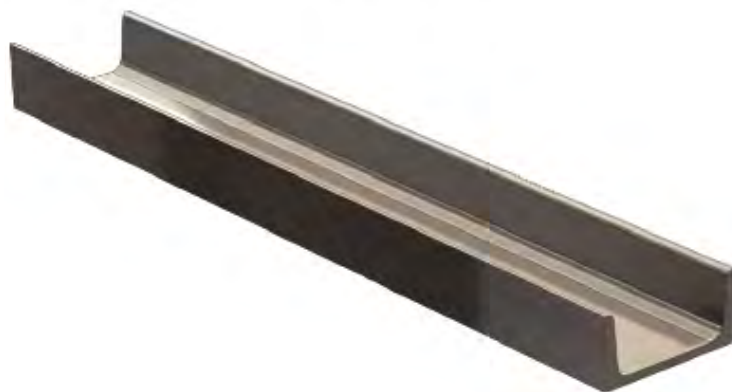
BASE A		BASE t		FLANGE B		FLANGE t ₁
7	x	.170	x	2 3/4	x	.290
		.210	x	3 1/2	x	.380
8	x	.190	x	3	x	.350
		.250	x	3 3/4	x	.410
9	x	.230	x	3 1/4	x	.350
		.290	x	4	x	.440
10	x	.250	x	3 1/2	x	.410
		.310	x	4 1/4	x	.500
12	x	.290	x	4	x	.470
		.350	x	5	x	.620

ARCHITECTURAL METALS

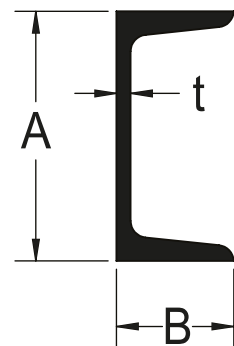
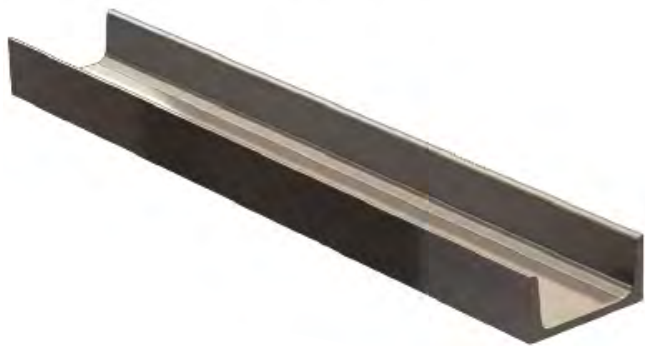


DIMENSION A		DIMENSION B		THICKNESS t
3	x	1.41	x	.170
		1.50	x	.258
		1.60	x	.356
4	x	1.58	x	.180
		1.65	x	.247
		1.72	x	.320
5	x	1.75	x	.190
		1.89	x	.325
		2.03	x	.472
6	x	1.92	x	.200
		1.95	x	.225
		2.03	x	.314
		2.16	x	.437
7	x	2.11	x	.230
		2.19	x	.314
8	x	2.29	x	.250
		2.34	x	.303
		2.53	x	.487
9	x	2.43	x	.230
		2.65	x	.448
10	x	2.60	x	.240
		2.89	x	.526

[illegible]

[illegible]

Mild Steel Channel



Alloy : Mild Steel
Type : ASTM A36
Std Lengths : 20', 40'
Custom : Available Punched with Holes or Cut to Length
Finishes : Mill

DIMENSION		DIMENSION		THICKNESS
A		B		t
3	x	141	x	.170
		150	x	.258
		160	x	.356
		194	x	.312
4	x	1.58	x	.184
		1.65	x	.247
		1.72	x	.321
		2.50	x	.500
5	x	1.75	x	.190
		1.89	x	.325
6	x	1.92	x	.200
		2.03	x	.314
		2.50	x	.310
		2.16	x	.437
		3.50	x	.340
		3.00	x	.375
7	x	2.09	x	.210
		2.19	x	.314
		2.30	x	.419
8	x	1.88	x	.180
		2.26	x	.220
		2.34	x	.303
		2.53	x	.487
		3.03	x	.400
		3.50	x	.427

DIMENSION		DIMENSION		THICKNESS
A		B		t
9	x	2.43	x	.233
		2.49	x	.285
		2.65	x	.438
10	x	2.60	x	.240
		2.74	x	.379
		3.50	x	.312
		2.09	x	.526
		3.95	x	.425
		3.03	x	.673
12	x	1.50	x	.190
		2.94	x	.282
		3.05	x	.387
		3.17	x	.510
		3.67	x	.370
		3.77	x	.467
		3.89	x	.590
13	x	4.00	x	.375
18	x	3.95	x	.450
		4.00	x	.500

Aluminum Flat Bar



Alloy : **6063 Aluminum**
 Type : **ASTM B 221**
 Std Lengths : **16', 8'**
 Custom : Available Punched with Holes or Cut to Length
 Finishes : Mill, Brushed Finish, Anodized, Mirror Polished

THICKNESS		DIMENSION
t		A
1/8	x	1/8
		1/2
		3/4
		1
		1 1/4
		1 1/2
		1 3/4
		2
		3
3/16	x	3/16
		1/2
		3/4
		1
		1 1/4
		1 1/2
		1 3/4
		2
		3
1/4	x	1/4
		1/2
		5/8
		3/4
		1
		1 1/2
		2
		2 1/2
		3
		4

THICKNESS		DIMENSION
t		A
3/8	x	3/8
		3/4
		1
		1 1/2
		2
		2 1/2
		3
		4
1/2	x	1/2
		3/4
		1
		1 1/4
		1 1/2
		2
3/4	x	3/4
		1
		1 1/4
		1 1/2
1	x	1 1/2

Stainless Steel Flat Bar



Alloy : **304 or 316 Alloy**
Type : **ASTM A 276/479**
Std Lengths : **12'**
Custom : **Available Punched with Holes or Cut to Length**
Finishes : **Mill, Brushed Finish, Mirror Polished**

THICKNESS		DIMENSION
t		A
1/8	x	1/8
		1/4
		3/8
		1/2
		5/8
		3/4
		7/8
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/2
		3
1/4	x	1/4
		3/8
		1/2
		5/8
		3/4
		7/8
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/4
		2 1/2
		3
		3 1/2

THICKNESS		DIMENSION
t		A
5/16	x	5/16
		1/2
		3/4
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/4
		2 1/2
		3
		4
3/8	x	3/8
		1/2
		5/8
		3/4
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/4
		2 1/2
		3
		3 1/2
		4
		4 1/2
		5
		6

Stainless Steel Flat Bar

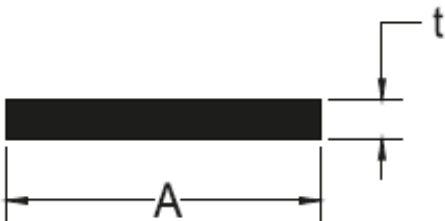


Alloy : **304 or 316 Alloy**
 Type : ASTM A 276/479
 Std Lengths : 12'
 Custom : Available Punched with Holes or Cut to Length
 Finishes : Mill, Brushed Finish, Mirror Polished

THICKNESS t		DIMENSION A
1/2	x	1/2
		3/4
		7/8
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/2
		3
		3 1/2
		4
		4 1/2
		5
		6
5/8	x	5/8
		3/4
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/4
		2 1/2
		3
		3 1/2
		4
		5
		6

THICKNESS t		DIMENSION A
3/4	x	3/4
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/4
		2 1/2
		3
		3 1/2
		4
		4 1/2
		5
		6
7/8	x	1
		1 1/4
		1 1/2
		2
1	x	1 1/4
		1 1/2
		1 3/4
		2
		2 1/4
		2 1/2
		3
		3 1/2
		4
		4 1/2

Stainless Steel Flat Bar

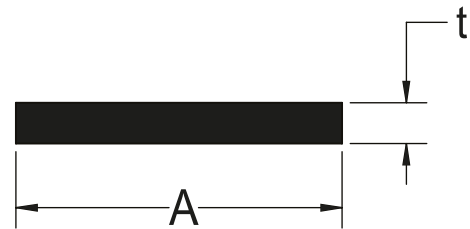
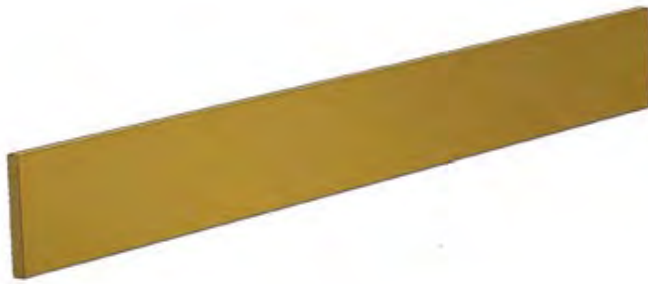


- Alloy : 304 or 316 Alloy
- Type : ASTM A 276/479
- Std Lengths : 12'
- Custom : Available Punched with Holes or Cut to Length
- Finishes : Mill, Brushed Finish, Mirror Polished

THICKNESS		DIMENSION
t		A
1	x	5
		6
		8
1 1/4	x	1 1/2
		2
		2 1/4
		2 1/2
		3
		3 1/2
		4
		5
1 1/2	x	6
		1 3/4
		2
		2 1/4
		2 1/2
		3
1 3/4	x	4
		5
		6
		2
		2 1/4
		2 1/2

THICKNESS		DIMENSION
t		A
2	x	2 1/4
		2 1/2
		3
		4
		5
		6

Brass Flat Bar

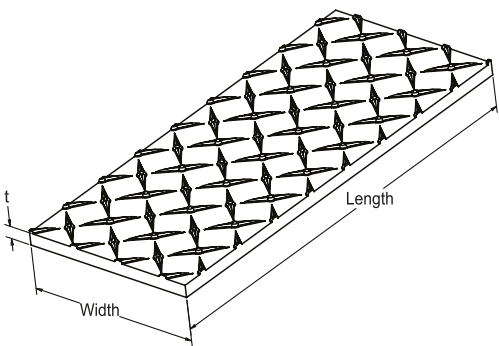


Alloy : **360 Alloy**
 Type : ASTM B 16
 Std Lengths : 12'
 Custom : Available Punched with Holes or Cut to Length
 Finishes : Mill, Brushed Finish, Mirror Polished

THICKNESS		DIMENSION
t		A
1/8	x	1/8
		3/16
		1/4
		5/16
		3/8
		1/2
		5/8
		3/4
		7/8
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/4
		2 1/2
		3
		3 1/2
		4
3/16	x	3/16
		3/8
		1/2
		5/8
		3/4
		7/8
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/2

THICKNESS		DIMENSION
t		A
3/16	x	3
		3 1/2
		4
1/4	x	1/4
		5/16
		3/8
		1/2
		5/8
		3/4
		7/8
		1
		1 1/4
		1 1/2
		1 3/4
		2
		2 1/2
		2 3/4
		3
		3 1/2
		4
5/16	x	5/16
		3/8
		1/2
		5/8
		3/4
		1
		1 1/4
		1 1/2

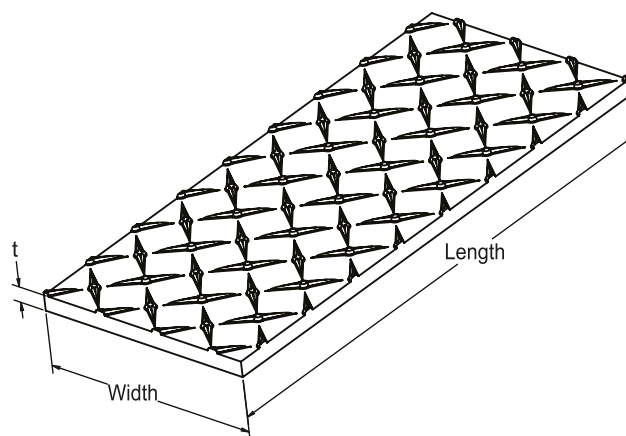
Aluminum Diamond-Tread Plates



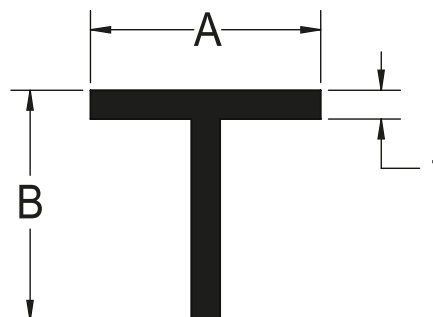
Alloy : 3003 Alloy or 6061 Alloy
Type : Diamond Pattern
Std Lengths : See Below
Custom : Available Cut to Size
Finishes : Mill or Bright Finish

THICKNESS		WIDTH		LENGTH
t		(inches)		(inches)
.063	x	48	x	96
		48	x	120
.100	x	48	x	96
.125	x	48	x	96
		48	x	120
.190	x	48	x	96
		48	x	120
.250	x	48	x	96
		48	x	120
.575	x	48	x	96
		48	x	120
.500	x	48	x	96
		48	x	120

THICKNESS		WIDTH		LENGTH
t		(inches)		(inches)

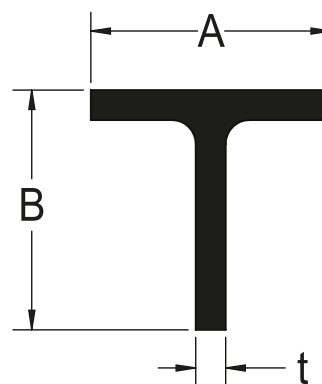
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Aluminum Tees

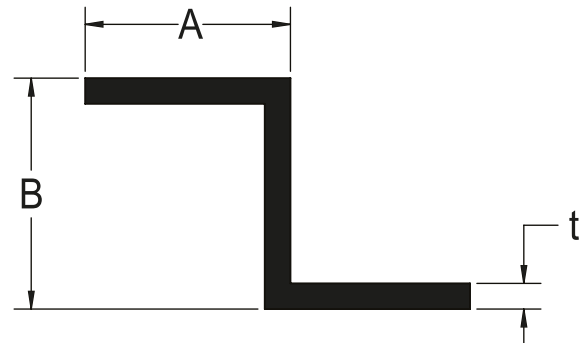


ARCHITECTURAL METALS

[illegible][illegible]

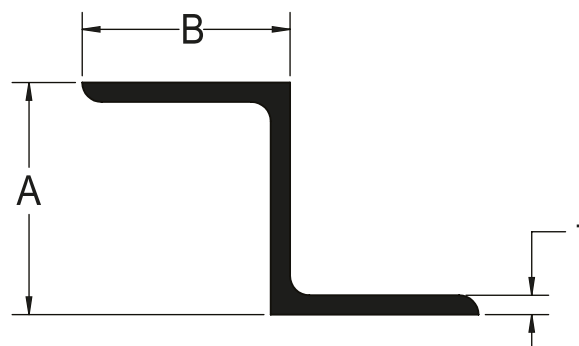
[illegible][illegible]

Aluminum Zees



ARCHITECTURAL METALS

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CORNER GUARDS & KICK PLATES



Corner Guards..... XX



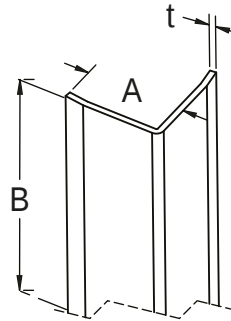
Kick Plates XX



MONARCH
METAL INC.

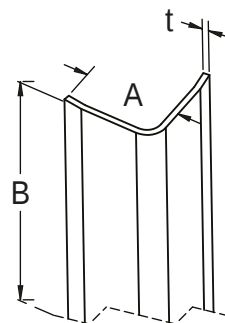
Corner Gaurds

Stainless Steel & Aluminum



Alloy	: 304 Stainless, Aluminum, Diamond Plate
Type	: 16 Gauge (Standard), 14 Ga., 18 Ga.
Std Lengths	: 4', 8'
Custom	: Available Punched with Holes or Cut to Length
Finishes	: Brushed Finish, Mirror Polished

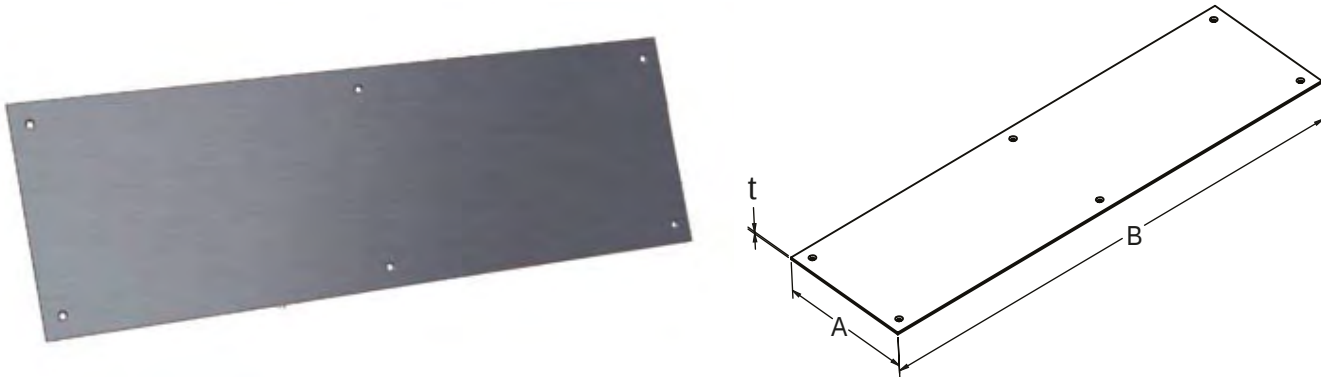
DIMENSION A		DIMENSION B		THICKNESS t	PART #	STANDARD
90° Angle						
1 1/4	x	48	x	1/16	CORN1.25x48	16 Ga Stainless Steel, Adhesive Mounted
1 1/4	x	96	x	1/16	CORN1.25x96	16 Ga Stainless Steel, Adhesive Mounted
1 1/2	x	48	x	1/16	CORN1.5x48	16 Ga Stainless Steel, Adhesive Mounted
1 1/2	x	96	x	1/16	CORN1.5x96	16 Ga Stainless Steel, Adhesive Mounted
2 1/2	x	48	x	1/16	CORN2.5x48	16 Ga Stainless Steel, Adhesive Mounted
2 1/2	x	96	x	1/16	CORN2.5x96	16 Ga Stainless Steel, Adhesive Mounted
3 1/2	x	48	x	1/16	CORN3.5x48	16 Ga Stainless Steel, Adhesive Mounted
3 1/2	x	96	x	1/16	CORN3.5x96	16 Ga Stainless Steel, Adhesive Mounted



BULLNOSE						
3 1/2	x	48	x	1/16	BCORN3.5x48	16 Ga Stainless Steel, Adhesive Mounted
3 1/2	x	96	x	1/16	BCORN3.5x96	16 Ga Stainless Steel, Adhesive Mounted

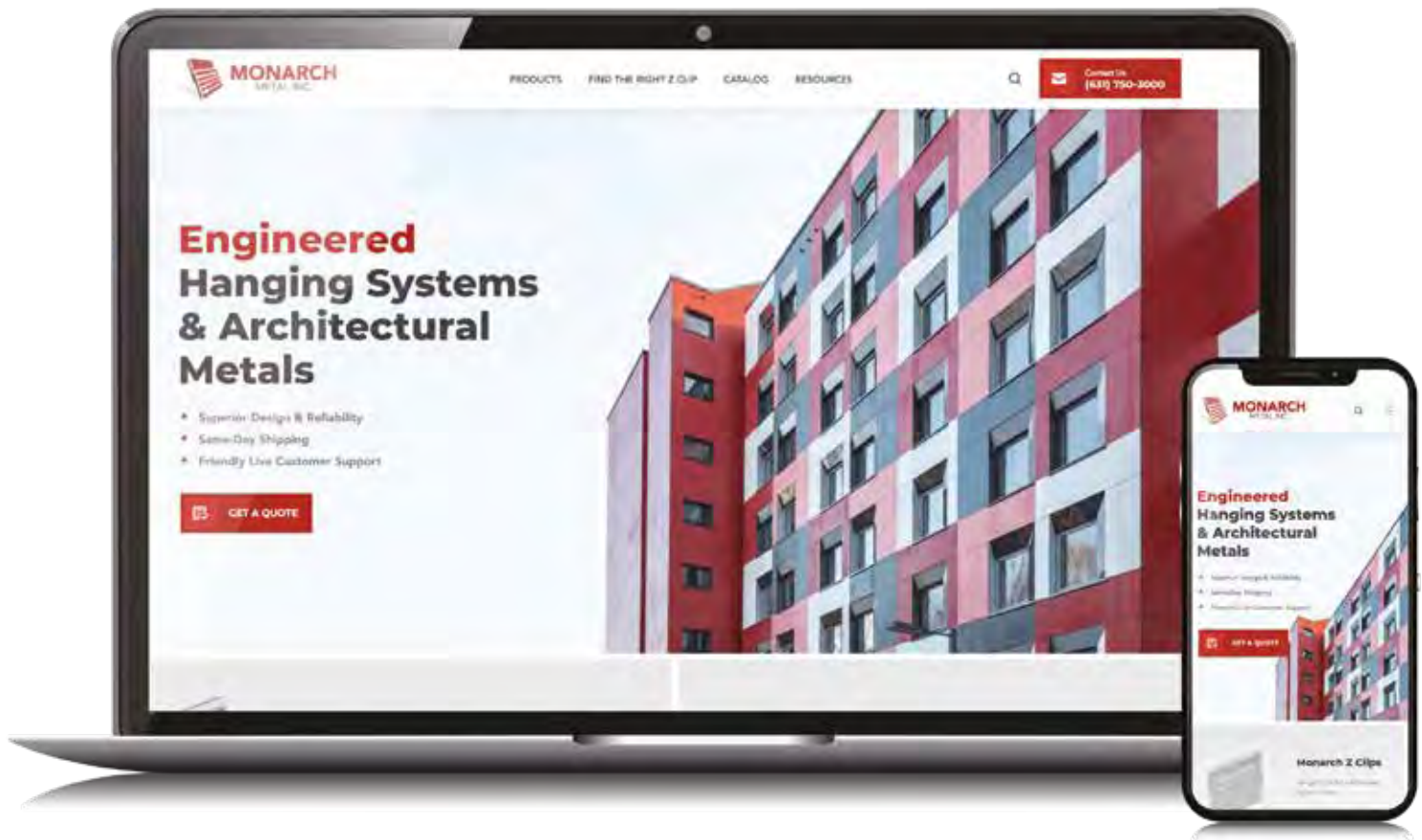
Kick Plates

Stainless Steel & Aluminum



Alloy	: 304 Stainless, Aluminum, Bronze, Brass
Type	: 18 Gauge (Standard), 16 Ga., 11 Ga.
Std Lengths	: See Below
Custom	: Available with Rough Finish for Adhesive, Punched, or Punched & Countersunk
Finishes	: Mill, Brushed Finish, Mirror Polished

DIMENSION A		DIMENSION B		THICKNESS t	TYPE	PART #	STANDARD
24	x	34	x	18 Ga.	Armor Plate	KICK24x34	18 Ga Stainless, No Holes
28	x	6	x	18 Ga.	Mop Plate	KICK24x6	18 Ga Stainless, No Holes
28	x	8	x	18 Ga.	Kick Plate	KICK24x8	18 Ga Stainless, No Holes
28	x	10	x	18 Ga.	Kick Plate	KICK24x10	18 Ga Stainless, No Holes
28	x	12	x	18 Ga.	Kick Plate	KICK24x12	18 Ga Stainless, No Holes
28	x	36	x	18 Ga.	Armor Plate	KICK24x36	18 Ga Stainless, No Holes
28	x	42	x	18 Ga.	Armor Plate	KICK24x42	18 Ga Stainless, No Holes
30	x	6	x	18 Ga.	Mop Plate	KICK30x6	18 Ga Stainless, No Holes
30	x	8	x	18 Ga.	Kick Plate	KICK30x8	18 Ga Stainless, No Holes
30	x	10	x	18 Ga.	Kick Plate	KICK30x10	18 Ga Stainless, No Holes
30	x	12	x	18 Ga.	Kick Plate	KICK30x12	18 Ga Stainless, No Holes
34	x	6	x	18 Ga.	Mop Plate	KICK34x6	18 Ga Stainless, No Holes
34	x	8	x	18 Ga.	Kick Plate	KICK34x8	18 Ga Stainless, No Holes
34	x	10	x	18 Ga.	Kick Plate	KICK34x10	18 Ga Stainless, No Holes
34	x	12	x	18 Ga.	Kick Plate	KICK34x12	18 Ga Stainless, No Holes
34	x	16	x	18 Ga.	Kick Plate	KICK34x16	18 Ga Stainless, No Holes
34	x	34	x	18 Ga.	Armor Plate	KICK34x34	18 Ga Stainless, No Holes
34	x	36	x	18 Ga.	Armor Plate	KICK34x36	18 Ga Stainless, No Holes
34	x	42	x	18 Ga.	Armor Plate	KICK34x42	18 Ga Stainless, No Holes
34	x	46	x	18 Ga.	Armor Plate	KICK34x46	18 Ga Stainless, No Holes
36	x	8	x	18 Ga.	Kick Plate	KICK36x6	18 Ga Stainless, No Holes
36	x	10	x	18 Ga.	Kick Plate	KICK36x8	18 Ga Stainless, No Holes
36	x	12	x	18 Ga.	Kick Plate	KICK36x10	18 Ga Stainless, No Holes



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