

MFSTR-UCRAIL-144 Attachment System

Product Category	Cladding
Product Name	MFSTR-UCRAIL-144
Material	6063-T6 Aluminum
Finish	N/A

Geometric Properties

Depth (Assembled)	1.125 in
Design Thickness	0.1196 in
11 Gauge Tolerance	+/- .007 in
Yield strength, Fy	25.0 ksi
Ultimate strength, Fu	30.0 ksi

Gross Section Properties of Full Section, Strong Axis

Cross section area (A)	0.605 in(^2)
Member weight per foot of length	0.712 lb/ft
Moment of inertia (Ix)	0.521 in(^4)
Radius of gyration (Rx)	0.928 in
Section Modulus (Sx)	0.386 in(^3)

Gross Section Properties of Full Section, Weak Axis

Cross section area (A)	0.605 in(^2)
Member weight per foot of length	0.712 lb/ft
Gross moment of inertia (Iy)	0.102 in(^4)
Gross radius of gyration (Ry)	0.410 in
Section Modulus (Sy)	0.146 in(^3)

Product Data & Ordering Information:

Stock length	12'-0" long pieces
Packaging	Custom Pallet
Packaging weight	Custom

ASTM & Code Standards:

- SDS Information is available by contacting zclip@monarchmetal.com

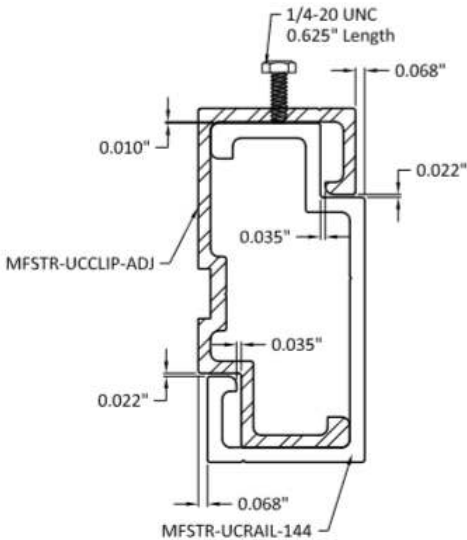
Allowable Spans for Brackets

- Allowable spans for brackets will depend upon the conditions of the installation including, but not limited to, the substrate the rails are attaching to, the panel composition, the fasteners selected and the wind conditions. Please consult a structural engineer for additional information.
- Monarch Metal provides typical as well as thermally isolated substructure.

Sustainability Credits:

For more details and LEED letters contact 631-750-3000

MFSTR-UCRAIL-144 Attachment System



Used in rain screen attachment applications:

- Concealed installation of stone, fiber cement, HPL or fiber concrete panels
- Highly corrosion resistant
- Adjust system for panel height after attachment

Project Information

Name:
Address:

Contractor Information

Name:
Contact:
Phone:
Fax:

Architect Information

Name:
Contact:
Phone:
Fax: