

## MFSTR-DNRAIL Attachment System

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

### Geometric Properties

Depth (Assembled)	1.235 in
Design Thickness	0.11 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)	0.645 in <sup>(2)</sup>
Member weight per foot of length	0.760 lb/ft
Moment of inertia (Ix)	0.737 in <sup>(4)</sup>
Radius of gyration (Rx)	1.069 in
Section Modulus (Sx)	0.476 in <sup>(3)</sup>

### Gross Section Properties of Full Section, Weak Axis

Cross section area (A)	0.645 in <sup>(2)</sup>
Member weight per foot of length	0.760 lb/ft
Gross moment of inertia (Iy)	0.108 in <sup>(4)</sup>
Gross radius of gyration (Ry)	0.409 in
Section Modulus (Sy)	0.149 in <sup>(3)</sup>

### 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](mailto:zclip@monarchmetal.com)

### Allowable Spans for Brackets

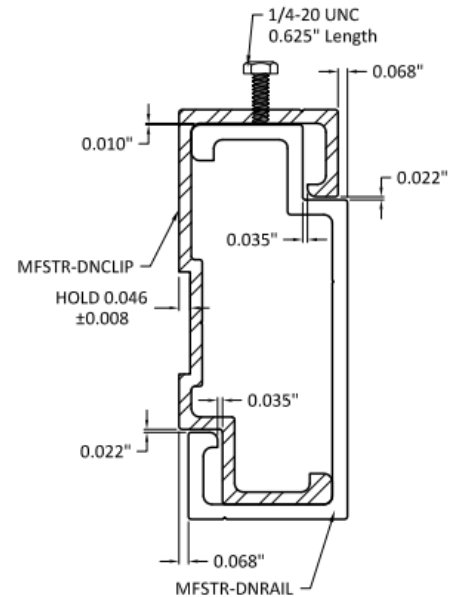
- Allowable spans for brackets will depend upon the conditions of the installation including, but not limited to, the substrate the rails are attaching to, the panel composition, the fasteners selected and the wind conditions. Please consult a structural engineer for additional information.
- Monarch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

### Sustainability Credits:

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

### Used in rain screen attachment applications:

- Concealed installation of honeycomb 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: