

## (FS18) Fast Strut™ 18"

### 14 Gauge 18" long vertical slide deflection strut

ClarkDietrich Fast Strut™ curtainwall connector employs the Fast Clip™ technology for curtainwall stud attachment and is commonly used when large stand-off conditions exist. Fast Strut™ products are available in standard lengths of 12-1/4" and 15-1/4" and custom lengths of up to 24" long to allow framing attachment well beyond the perimeter of the structural steel or when the spandrel beams are set back from the edge of the structure. Struts are attached to the underside of structural members with screws, welds, or powder-actuated fasteners. FastClip Deflection Screws are provided with each strut to ensure friction-free sliding. Each strut is also embossed with fastening patterns to ensure accurate placement of fasteners.

For allowable loads for multiple connection options, reference the Clip & Connector Catalog or [www.clarkdietrich.com](http://www.clarkdietrich.com) for more information.

#### Product Data & Ordering Information:

Material	Mill-certified SS Grade 50ksi (340 MPa)
Dimensions	4" x 1-1/2" x 18" (102mm x 50.8mm x 457.2mm)
Thickness	14ga (68mil), 0.0713" Design thickness, 0.0677" Min. thickness
Coating	G90 (Z275) hot-dipped galvanized coating
Product weight	2.32 lbs/piece
Packaging	10 pieces per box. Includes 55 FastClip deflection screws per box

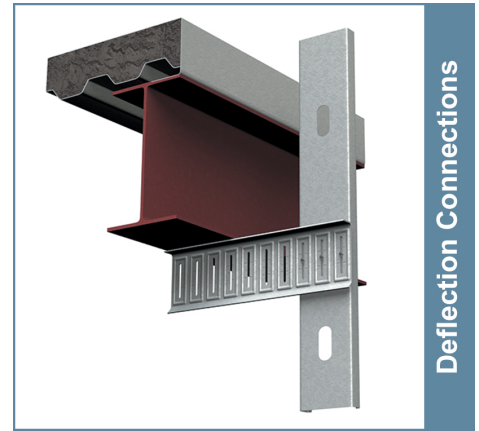
#### ASTM & Code Standards:

- Galvanized sheet steel meets or exceeds requirements of ASTM A1003
- SDS & Product Certification Information available at [www.clarkdietrich.com/SupportDocs](http://www.clarkdietrich.com/SupportDocs)

#### Alternative Products:

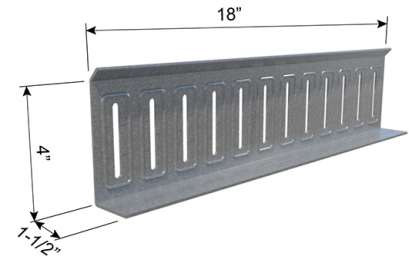
- EXTENDED Fast Clip™, Fast Clip™, Flat Tail™ Slide

### 05.40.00 (Cold-Formed Metal Framing)



Deflection Connections

- Vertical movement up to 2-1/2" (1-1/4" up and 1-1/4" down).
- Fast Strut™ allows for standoff from the primary frame.
- FastClip™ Deflection Screws (included) provide frictionless slip connection.
- U.S. Patent No. 6,688,069



FastClip™ Deflection Screw

#### Sustainability Credits:

For more details and LEED letters contact Technical Services at 888-437-3244 or visit [www.clarkdietrich.com/LEED](http://www.clarkdietrich.com/LEED)

**LEED v4 MR Credit** -- Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).

**LEED 2009 Credit MR 2 & MR 4** -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at ([info@clarkdietrich.com](mailto:info@clarkdietrich.com) / 888-437-3244)

Project Information	Contractor Information	Architect Information
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