

Modular Mechanical Supports

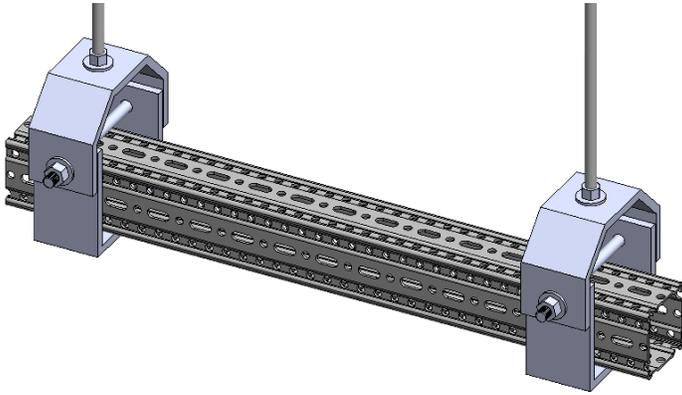
a division of Eberl Iron Works, Inc.
128 Sycamore Steet
Buffalo, New York 14204

(800) 285-3056
MMS@eberliron.com
modularmechanicalsupports.com



SB-SF80

STRONGBACK XL PRODUCT SUBMITTAL SHEET



Installation

1. Install beam clamp, drill steel at locations specified by design, or install anchors into concrete.
2. Attach threaded rod to beam clamp, steel, or anchor.
3. Attach clevis to threaded rod using the nuts and washers provided. Adjust to desired height.
4. Slide siFramo into clevis assemblies and align siFramo holes with clevis assembly slots.
5. Secure beam to clevis assembly using the FLS Thread Forming Screws.
6. Tighten all clevis hardware until support is rigid.

Description

Modular Strongback support for interior support of piping, duct, conduit, or cable tray.

Product Information

Framing Material: 3" x 3" Sikla Framo 80 Beam

Framing finish: Hot Dipped Galvanized (ASTM 123)

Top Plate and Bottom Plate: ASTM A36 steel, 3/8" thick

Connection to siFramo 80: Use minimum of (4) FLS Thread Forming Screws at each connection

Threaded Rod Hanger (Spans of 4', 6', 8' and 10'): Use 1/2" diameter ASTM A36 threaded rods, ASTM A563 nuts, and ASTM F844 plain washers or better

Hardware finish: Electrogalvanized (ASTM B633)

Supporting structure load limits to be determined by others.

Maximum Load Weight

Safety Factor of Framo member is 1.35

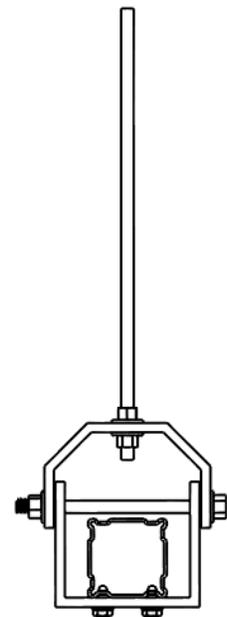
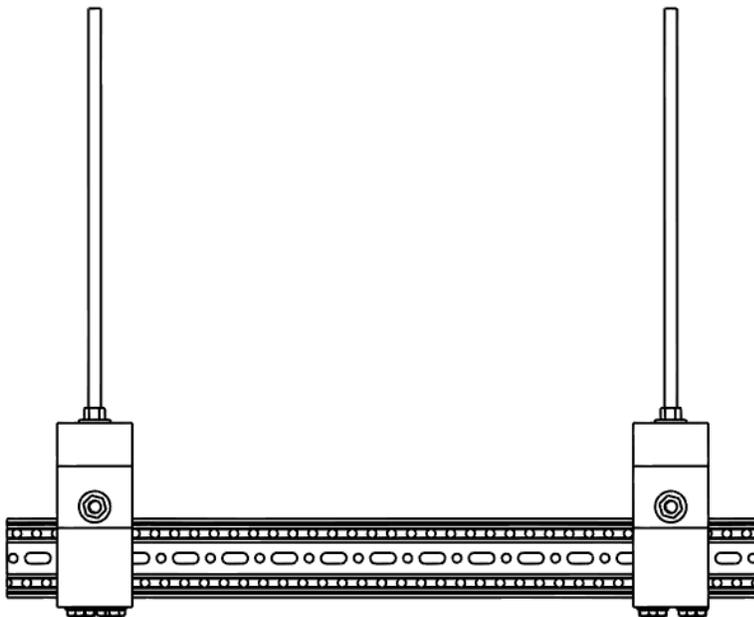
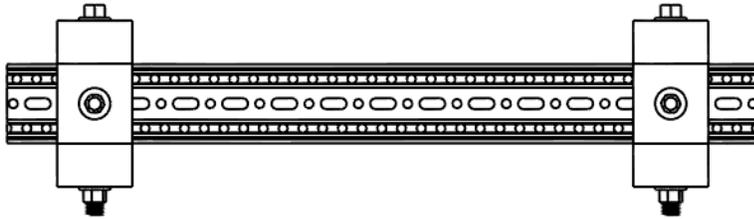
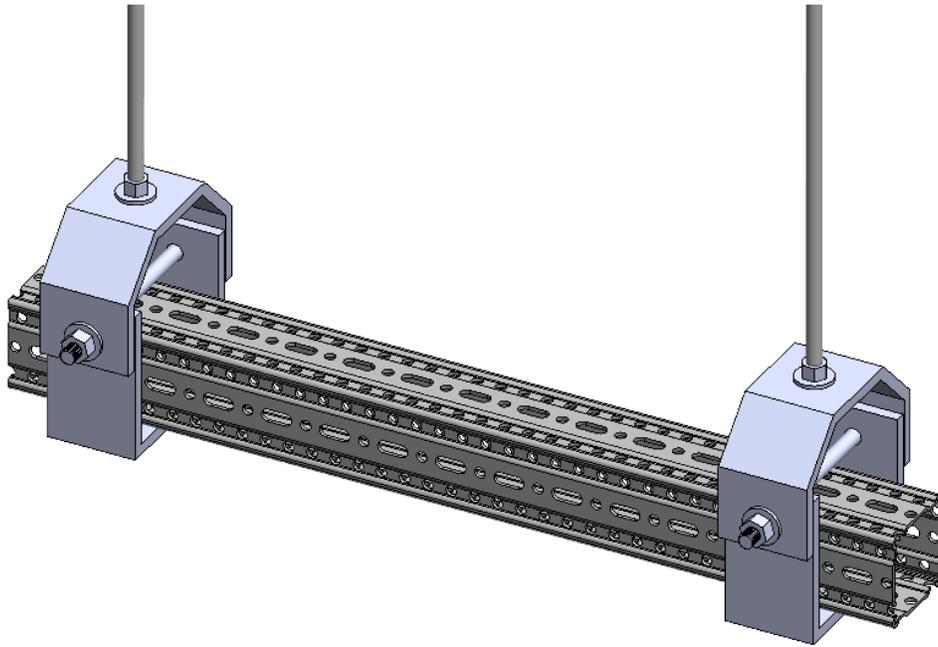
siFramo 80	Single Span				Total with Midspan			
	Length (ft)	4	6	8	10	6	8	10
Weight (lbs)	3407*	3407	1935	1228	3407*	3407*	3407*	
*	Denotes span is governed by the capacity of the connection assembly and threaded hanger							
	If weight limits exceed these numbers consult with Customer Service on an alternative support using a Framo drop							

Spacing: Horizontal support spacing according to pipe specification, or horizontal pipe support spacing according to applicable building code.

Quantity:

Contractor:

Project:



STANDARD DETAILS ARE FOR REFERENCE AND DESIGN PURPOSES ONLY, AND ARE NOT INTENDED FOR USE AS FULLY ENGINEERED SYSTEMS. ENGINEERED SYSTEMS MUST TAKE INTO ACCOUNT ACTUAL SITE CONDITIONS (SUCH AS: LOAD, ELEVATION, SIZE, SPACING, BUILDING STRUCTURE, EXISTING MEP STRUCTURES, ETC.) AND BE PURCHASED THROUGH MODULAR MECHANICAL SUPPORTS, A DIVISION OF EBERL IRON WORKS, INC. 128 SYCAMORE STREET, BUFFALO, NEW YORK 14204. CONTACT MODULAR MECHANICAL SUPPORTS: 1 (800) 285-3056 MODULARMECHANICALSUPPORTS.COM/REQUEST-QUOTE FOR A CUSTOM QUOTE TAILORED TO YOUR JOBSITE/PROJECT.