

**Product Category:** Vertical Deflection Framing Connector  
**Product Name:** SmartFrame® StrutFlex SFSF Patent US D562,951S

**Product Description:**

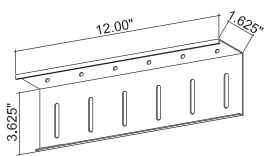
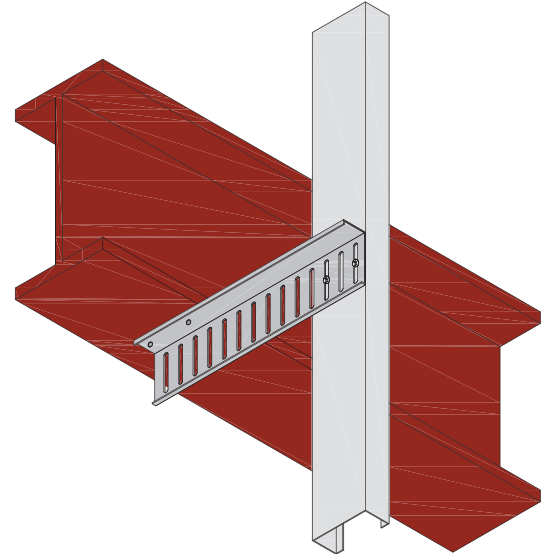
StrutFlex Connectors are used for securing steel studs to structure in a by-pass situation while simultaneously allowing for vertical deflection of the structure without the transfer of vertical loads.

**Material:**

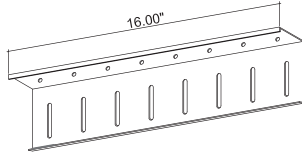
54mil thickness - 16 gauge, 0.0566" design thickness.  
 ASTM A1003 coating.

**Products:**

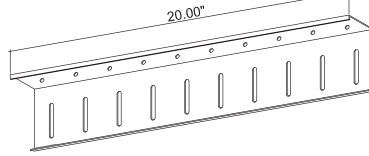
SFSF1200, SFSF1600, SFSF2000, SFSF2400



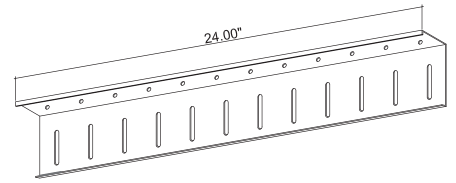
SFSF1200



SFSF1600



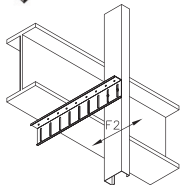
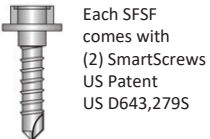
SFSF2000



SFSF2400

**SmartScrew**

by Grabber



Stud Member		F2	
		StrutFlex Connector	
Thickness Ga/Mils	ksi	with (2) SmartScrews	with (3) SmartScrews
20(33)	33	354	531
18(43)	33	483	724
16(54)	33	784	1176
14(68)	50	784	1176
12(97)	50	784	1176

SmartFrame Bucket Quantity	
SFSF1200	50
SFSF1600	50
SFSF2000	TBD
SFSF2400	TBD

**Notes:**

1. Attach SmartFrame StrutFlex Connector to steel framing with included #14 self-drilling "SmartScrews" by Grabber.
2. Values shown are for preliminary purposes only based on applied loads to stud fasteners and do not consider anchorage to structure.
3. It is the responsibility of the design professional to engineer and detail proper connector installation.
4. This document, dated 7/1/17, supercedes all previous versions