



SIMPSON
Strong-Tie[®]

Stainless-Steel Connectors

(800) 999-5099
www.strongtie.com



Protect Structural Investments With Stainless-Steel Connections

When choosing structural connectors for a project, it is important to consider the long-term effects of corrosion. Simpson Strong-Tie® offers a broad variety of stainless-steel connectors designed to provide a superior level of protection and durability against corrosive environments and materials.

Common Corrosive Factors that can Negatively Affect Structural Connections

- Ocean salt air
- Water
- Preservative-treated wood
- Fire retardant-treated wood
- Salt used to de-ice or melt snow
- Pool or hot tub chemicals
- Fertilizers
- Soil
- Industrial zones
- Concrete



The Science Behind Stainless Steel

Each Simpson Strong-Tie® stainless-steel connector is made with type 316L stainless steel. Because it contains an additional level of nickel chromium, type 316L stainless steel develops a thin coat of chromium oxide on the surface of the metal that insulates the connector from corrosive attack. Molybdenum is also added, which helps increase corrosion resistance in chloride-type areas, such as salt water environments. Type 316L has shown no visible sign of surface red rust after 1,000 hours of an ASTM B117 salt spray test. For more information about corrosion, visit www.strongtie.com/info.

Always Use Stainless-Steel Fasteners with Stainless-Steel Connectors

Even with the protection of stainless-steel connections, structures in corrosive environments can be compromised over time when these connectors are installed with fasteners that are not stainless steel. Carbon-steel fasteners with coatings such as hot-dip galvanization will corrode faster than the stainless-steel connectors that they fasten. This can create a weak link that can eventually lead to failure. Likewise, fasteners made from a lower grade of stainless steel can also corrode at a faster rate than our type 316L stainless-steel connectors. Type 316 stainless-steel nails or screws protect the integrity of the structure and the investment made in stainless-steel connectors. Simpson Strong-Tie offers type 316 stainless-steel nails and Strong-Drive SDS screws that fasten our stainless-steel connectors.

Custom Orders

Simpson Strong-Tie also provides customized stainless-steel connectors. For more information about how to have a custom stainless-steel connector made, please call (800) 999-5099.





Stainless-Steel Connectors

Type	Model	Description
Joist Hangers Face Mount	LUC26SS	For 2x6, 2x8 joist
	LUC210SS	For 2x10, 2x12 joist
	LUS26SS	For 2x6, 2x8 joist
	LUS28SS	For 2x8, 2x10 joist
	LUS210SS	For 2x10, 2x12, 2x14 joist
	LUS26-2SS	For Double 2x6, 2x8 joist
	LUS28-2SS	For Double 2x8, 2x10 joist
	LUS210-2SS	For Double 2x10, 2x12 joist
	HUC28-2SS	For Double 2x8
	HUC210-2SS	For Double 2x10
	SUL26SS	Skewed 45° left for 2x6, 2x8 joist
	SUR26SS	Skewed 45° right for 2x6, 2x8 joist
	SUL210SS	Skewed 45° left for 2x10, 2x12 joist
SUR210SS	Skewed 45° right for 2x10, 2x12 joist	
Joist Hangers Top Flange	LBI1.81/9.5SS	For 1 3/4 x 9 1/2 I-Joist
	LBI1.81/11.88SS	For 1 3/4 x 11 7/8 I-Joist
	LBI1.81/14SS	For 1 3/4 x 14 I-Joist
	LBI2.1/9.5SS	For 2 1/16 x 9 1/2 I-Joist
	LBI2.1/11.88SS	For 2 1/16 x 11 7/8 I-Joist
	LBI2.1/14SS	For 2 1/16 x 14 I-Joist
	LBI2.1/16SS	For 2 1/16 x 16 I-Joist
	LBI2.37/9.5SS	For 2 5/16 x 9 1/2 I-Joist
	LBI2.37/11.88SS	For 2 5/16 x 11 7/8 I-Joist
	LBI2.37/14SS	For 2 5/16 x 14 I-Joist
	LBI2.37/16SS	For 2 5/16 x 16 I-Joist
	LBI2.37/18SS	For 2 5/16 x 18 I-Joist
	LBI2.37/20SS	For 2 5/16 x 20 I-Joist
	LBI3.56/11.88SS	For 3 1/2 x 11 7/8 I-Joist
	LBI3.56/14SS	For 3 1/2 x 14 I-Joist
LBI3.56/16SS	For 3 1/2 x 16 I-Joist	
LBI3.56/18SS	For 3 1/2 x 18 I-Joist	
LBI3.56/20SS	For 3 1/2 x 20 I-Joist	
Face Mount	LIU1.81/9SS	For 1 3/4 x 9 1/2 I-Joist
	LIU1.81/11SS	For 1 3/4 x 11 7/8 I-Joist
	LIU1.81/14SS	For 1 3/4 x 14 I-Joist
	LIU2.1/9SS	For 2 1/16 x 9 1/2 I-Joist
	LIU2.1/11SS	For 2 1/16 x 11 7/8 I-Joist
	LIU2.1/14SS	For 2 1/16 x 14 I-Joist
	LIU2.1/16SS	For 2 1/16 x 16 I-Joist
	LIU2.37/9SS	For 2 5/16 x 9 1/2 I-Joist
	LIU2.37/11SS	For 2 5/16 x 11 7/8 I-Joist
	LIU2.37/14SS	For 2 5/16 x 14 I-joist
	LIU2.37/16SS	For 2 5/16 x 16 I-joist
	LIU3.56/11SS	For 3 1/2 x 11 7/8 I-joist
	LIU3.56/14SS	For 3 1/2 x 14 I-joist
LIU3.56/16SS	For 3 1/2 x 16 I-joist	

Type	Model	Description
Post Caps	AC4SS	For 4x beam, 4x post
	ACE4SS	For 4x beam, 4x post
	AC6SS	For 6x beam, 6x post
	ACE6SS	For 6x beam, 6x post
	LCE4SS	For 4x or 6x post
Caps	BC4SS	For 4x beam, 4x post
	BC6SS	For 6x beam, 6x post
	BCS2-2/4SS ¹	For Double 2x beam to 4x post
	BCS2-3/6SS ¹	For Triple 2x beam to 6x post
	BC40SS	For 4x beam
Post/Column Bases	AB44SS	For 4x4 post
	AB46SS	For 4x6 post
	AB66SS	For 6x6 post
	ABU44SS	For 4x4 post
	ABU46SS	For 4x6 post
	ABU66SS	For 6x6 post
	ABU88SS	For 8x8 post
	CB44SS	For 4x4 post
	CB66SS	For 6x6 post
	CBSQ44SS	For 4x4 column
	CBSQ46SS	For 4x6 column
CBSQ66SS	For 6x6 column	
Hurricane Ties	H2ASS ¹	For rafter/truss-to-wall stud
	H2.5ASS ¹	For rafter/truss-to-wall plate
	H3SS	For single plate
	H4SS	For rafter/truss-to-wall plate
	H5SS	For rafter/truss-to-wall plate
	H8SS	For rafter/truss-to-wall plate
	H10ASS	For rafter/truss-to-wall plate
	HPTSS	For rafter/truss-to-wall plate
Framing Angles	A34SS	Multi-purpose angle
	A35SS	Multi-purpose angle
	LS50SS	Skewable angle
	ML24SS	Multi-purpose angle
	ML26SS	Multi-purpose angle
	TA9SS	Staircase angle
	TA10SS	Staircase angle
Straps	LTS12SS	Light twist strap
	LTS18SS	Light twist strap
	MSTA12SS	Straight strap
	MSTA18SS	Straight strap
	MSTA24SS	Straight strap
	MSTA36SS	Straight strap
Miscellaneous	BTBSS	Brick ties (available in type 304 stainless steel)
	DJT14SS	For side-loaded 2x beams
	DTT2SS	Deck tension tie
	LSCSS	Stair stringer

1. Recent test data indicates that load values for some Simpson Strong-Tie® stainless-steel connectors have changed. Visit www.strong-tie.com/corrosion for updated information.

LBI and LIU joist hangers may require additional lead time. Contact Simpson Strong-Tie for details.

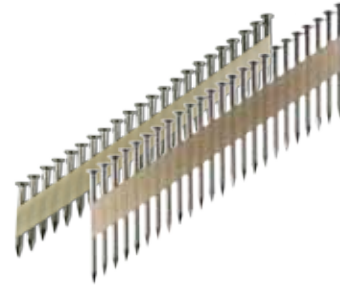
To ensure the highest level of corrosion protection, Simpson Strong-Tie offers stainless-steel wedge anchors, threaded rod and anchoring adhesives for use with the appropriate stainless-steel connectors. For complete information on our wedge anchors, including available sizes as well as embedment and placement specifications, refer to the *Anchoring and Fastening Systems for Concrete and Masonry* catalog or visit www.strongtie.com. Contact Simpson Strong-Tie for information on our type-316 stainless-steel threaded rod offerings.



Use Stainless-Steel Fasteners with Stainless-Steel Connectors

Stainless-Steel Collated Nails for use with Simpson Strong-Tie® Connectors – Paper Tape 31° Ring Shank

Model	Shank Diameter (in.)	Length (in.)	Carton Quantity
T9A150MCN	0.148	1 ½	1500
T9A250MCN	0.148	2 ½	1000



Stainless-Steel Hand-Drive Nails for use with Simpson Strong-Tie Connectors – Smooth Shank

Size	Shank Diameter (in.)	Gauge	Length (in.)	Head Diameter (in.)	25 lbs. Model No.	1 lb. Model No.
8d x 1 ½	0.134	10	1 ½	5/16	SSN8DB	SSN8D
10d x 1 ½	0.148	9	1 ½	5/16	SSN10B	SSN10D
8d	0.134	10	2 ½	9/32	SS8DB	SS8DD
10d	0.148	9	3	5/16	SS10DB	SS10DD
16d	0.165	8	3 ½	11/32	SS16DB	SS16DD



Stainless-Steel SDS Wood Screws

Size (in.)	Model No.	Thread Length (in.)
¼ x 1 ½	SDS25112SS	1
¼ x 2	SDS25200SS	1 ¼
¼ x 2 ½	SDS25212SS	1 ½
¼ x 3	SDS25300SS	2
¼ x 3 ½	SDS25312SS	2 ¼



Fasteners listed above are for use with some Simpson Strong-Tie® stainless-steel connectors. See Simpson Strong-Tie *Wood Construction Connectors* catalog to learn more. Use of an incorrect fastener can adversely affect the performance of the connector.



This flier is effective until June 30, 2014, and reflects information available as of February 1, 2012. This information is updated periodically and should not be relied upon after June 30, 2014; contact Simpson Strong-Tie for current information and limited warranty or see www.strongtie.com.