

Some products may not be available in all markets. Contact your Boise Cascade EWP representative for availability.

BCI® and Versa-Lam® products shall be installed in dry-use applications only, per their respective ICC ESR evaluation reports.

Category	Boise Cascade		Trus Joist®	
	Series	Flange Width x Depth	Series	Flange Width x Depth
1	BCI® 5000 1.7	2" x 1 1/8"	TJI® 110	1 3/4" x 1/4"
2	BCI® 6000 1.8	2 5/16" x 1 1/8"	TJI® 210	2 1/16" x 1 1/4"
3	BCI® 6500 1.8	2 9/16" x 1 1/8"	TJI® 230	2 5/16" x 1 1/4"
4	BCI® 60 2.0	2 5/16" x 1 1/2"	TJI® 360	2 5/16" x 1 3/8"
5	BCI® 90 2.0	3 1/2" x 1 1/2"	TJI® 560	3 1/2" x 1 3/8"

Product Use	Sizes	Boise Cascade	Trus Joist®
Beams	3 1/2", 5 1/4", 7"	Versa-Lam® 2.1E 3100	Parallam® 2.0E 2900
	1 3/4"	Versa-Lam® 2.1E 2800	Microllam® 2.0E 2600
Headers	3 1/2"	Versa-Lam® 1.8E 2650	TimberStrand® 1.55E 2325* or TimberStrand® 1.3E 1700*
	1 3/4"	Versa-Lam® 1.8E 2400	TimberStrand® 1.3E 1700*
Rimboard	1 1/2", 1 3/4"	Versa-Lam® 1.8E 2400	TimberStrand® 1.3E 1700*
	1 5/16"	Versa-Lam® 1.5E 1800	TimberStrand® 1.3E 1700*
Stair Stringers	1 5/16"	Versa-Lam® 1.5E 1800	TimberStrand® 1.3E 1700*
Studs - 2x4, 2x6	1 1/2"	Versa-Lam® 1.8E 2400	TimberStrand® 1.3E 1700* TimberStrand® 1.55E 2325*
Columns	3 1/2", 5 1/4", 7"	Versa-Lam® 1.8E 2650	TimberStrand® 1.55E 2325* or TimberStrand® 1.3E 1700* or Parallam® 1.8E 2500*

NOTES:

- Table intended for preliminary design only. Substitutions should always be approved by the project's design professional of record.
- All conversions must be analyzed to validate original design.
- Table based upon published ICC evaluation reports listed on the right.
- * Denotes product which the corresponding Boise Cascade product is not an exact substitute.

BUILDING CODE EVALUATION REPORTS

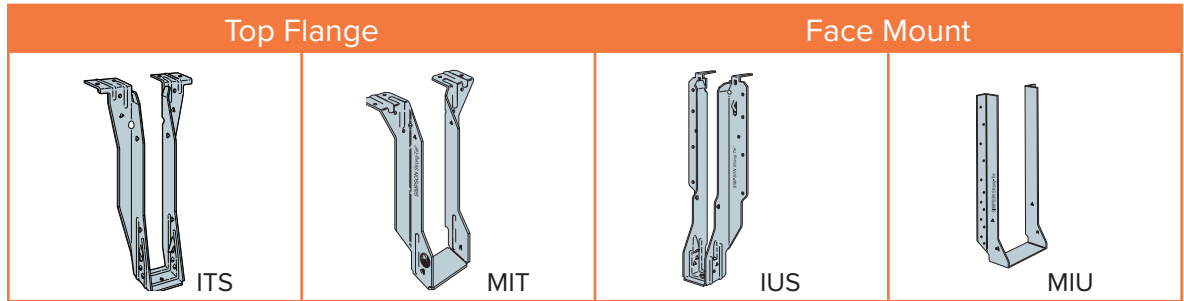
- BCI® Joists
- ICC ESR 1336 (IBC, IRC)
 - City of Los Angeles Research Report RR-24999
- Versa-Lam®
- ICC ESR 1040
 - City of Los Angeles Research Report RR-24998



SIMPSON

Strong-Tie®
CONNECTORS

For more information,
call Simpson Strong-Tie
at 1-800-999-5099
or visit their website at
www.strongtie.com



Depth	Boise Cascade				Trus Joist® TJI®			
	Joist Series	Width	Top Flange	Face Mount	Joist Series	Width	Top Flange	Face Mount
9½"	BCI® 5000 1.7	2"	ITS2.06/9.5	IUS2.06/9.5	9.5 TJI® 110	1¾"	ITS1.81/9.5	IUS1.81/9.5
11⅞"	BCI® 5000 1.7	2"	ITS2.06/11.88	IUS2.06/11.88	11.875 TJI® 110	1¾"	ITS1.81/11.875	IUS1.81/11.88
14"	BCI® 5000 1.7	2"	ITS2.06/14	IUS2.06/14	14 TJI® 110	1¾"	ITS1.81/14	IUS1.81/14
9½"	BCI® 6000 1.8	2 ⁵ / ₁₆ "	ITS2.37/9.5	IUS2.37/9.5	9.5 TJI® 210	2 ¹ / ₁₆ "	ITS2.06/9.5	IUS2.06/9.5
11⅞"	BCI® 6000 1.8	2 ⁵ / ₁₆ "	ITS2.37/11.88	IUS2.37/11.88	11.875 TJI® 210	2 ¹ / ₁₆ "	ITS2.06/11.88	IUS2.06/11.88
14"	BCI® 6000 1.8	2 ⁵ / ₁₆ "	ITS2.37/14	IUS2.37/14	14 TJI® 210	2 ¹ / ₁₆ "	ITS2.06/14	IUS2.06/14
16"	BCI® 6000 1.8	2 ⁵ / ₁₆ "	ITS2.37/16	IUS2.37/16	16 TJI® 210	2 ¹ / ₁₆ "	ITT2.06/16	IUS2.06/16
9½"	BCI® 6500 1.8	2 ⁹ / ₁₆ "	ITS2.56/9.5	IUS2.56/9.5	9.5 TJI® 230	2 ⁵ / ₁₆ "	ITS2.37/9.5	IUS2.37/9.5
11⅞"	BCI® 6500 1.8	2 ⁹ / ₁₆ "	ITS2.56/11.88	IUS2.56/11.88	11.875 TJI® 230	2 ⁵ / ₁₆ "	ITS2.37/11.88	IUS2.37/11.88
14"	BCI® 6500 1.8	2 ⁹ / ₁₆ "	ITS2.56/14	IUS2.56/14	14 TJI® 230	2 ⁵ / ₁₆ "	ITS2.37/14	IUS2.37/14
16"	BCI® 6500 1.8	2 ⁹ / ₁₆ "	ITS2.56/16	IUS2.56/16	16 TJI® 230	2 ⁵ / ₁₆ "	ITS2.37/16	IUS2.37/16
11⅞"	BCI® 60 2.0	2 ⁵ / ₁₆ "	ITS2.37/11.88	IUS2.37/11.88	11.875 TJI® 360	2 ⁵ / ₁₆ "	ITS2.37/11.88	IUS2.37/11.88
14"	BCI® 60 2.0	2 ⁵ / ₁₆ "	ITS2.37/14	IUS2.37/14	14 TJI® 360	2 ⁵ / ₁₆ "	ITS2.37/14	IUS2.37/14
16"	BCI® 60 2.0	2 ⁵ / ₁₆ "	ITS2.37/16	IUS2.37/16	16 TJI® 360	2 ⁵ / ₁₆ "	ITS2.37/16	IUS2.37/16
11⅞"	BCI® 90 2.0	3½"	ITS3.56/11.88	IUS3.56/11.88	11.875 TJI® 560	3½"	ITS3.56/11.88	IUS3.56/11.88
14"	BCI® 90 2.0	3½"	ITS3.56/14	IUS3.56/14	14 TJI® 560	3½"	ITS3.56/14	IUS3.56/14
16"	BCI® 90 2.0	3½"	ITS3.56/16	IUS3.56/16	16 TJI® 560	3½"	ITS3.56/16	IUS3.56/16
18"	BCI® 90 2.0	3½"	MIT418	MIU3.56/18	18 TJI® 560	3½"	MIT418	MIU3.56/18
20"	BCI® 90 2.0	3½"	MIT420	MIU3.56/20	20 TJI® 560	3½"	MIT420	MIU3.56/20

General Notes

- **Bold Italic hangers require web stiffeners.**
- Capacities will vary with different nailing criteria and/or support conditions; contact supplier or Simpson Strong-Tie for further information.
- Capacity values shown are either hanger capacity values (see support requirements below) or BCI® Joist end reaction capacities — whichever is less.
- All capacity values are downward loads at 100% load duration.
- Use sloped seat hangers when BCI® Joist slope exceeds ¼" per foot.
- Use sloped seat hangers and beveled web stiffeners when BCI® Joist slope exceeds ¼" per foot.
- Leave 1/16" clearance (1/8" maximum) between the end of the supported joist and the head of the hanger.
- At max design capacity shown, hangers may exceed standard 1/32" deflection by 1/32".

- For proper installation of the ITT or VPA, the 2-10dx1½" joist nails through the bend tabs must be installed at approximately a 45-degree angle. An alternate fastening method is the installation of a #8x1.25" screw into the joist through the bottom of the hanger.

Support Requirements

- **Support material assumed to be VERSA-LAM® or BOISE GLULAM® or sawn lumber (Douglas fir or southern pine species).**
- Minimum support width for single- and double-joist top mount hangers is 3" (1½" for ITT hangers).
- Minimum support width for face mount hangers with 10d and 16d nails is 1¾" and 2", respectively.

Information from Simpson Strong-Tie Connector Selection Guide CSG-BC12 1/12 expr. 12/19