



FRAMING CONNECTORS

FACE MOUNT HANGERS

SINGLE I-JOIST				DOUBLE I-JOIST			
Width	Depth	Hanger	Load ² (100%)	Width	Depth	Hanger	Load ² (100%)
1½"	9½"	U210 ¹	1215	3"	9½"	MIU3.12/9	2305
	11½"	U210 ¹	1215		11½"	MIU3.12/11	2880
	14"	U210 ¹	1215		14"	MIU3.12/11 ¹	2880
1¾"	9½"	IUS1.81/9.5	950	3½"	9½"	MIU3.56/9	2305
	11½"	IUS1.81/11.88	1185		11½"	MIU3.56/11	2880
	14"	IUS1.81/14	1420		14"	MIU3.56/14	3170
	16"	IUS1.81/16	1660		16"	MIU3.56/16	3455
2¼"	9½"	IUS2.06/9.5	950	4¼"	9½"	MIU4.28/9	2305
	11½"	IUS2.06/11.88	1185		11½"	MIU4.28/11	2880
	14"	IUS2.06/14	1420		14"	MIU4.28/14	3170
	16"	IUS2.06/16	1660		16"	MIU4.28/16	3455
	18"	IUS2.37/18	3745		18"	MIU4.75/18	3745
2½"	9½"	IUS2.37/9.5	950	4½"	9½"	MIU4.75/9	2305
	11½"	IUS2.37/11.88	1185		11½"	MIU4.75/11	2880
	14"	IUS2.37/14	1420		14"	MIU4.75/14	3170
	16"	IUS2.37/16	1660		16"	MIU4.75/16	3455
	18"	MIU2.37/18	3745		18"	MIU4.75/18	3745
	20"	MIU2.37/20	4030		20"	MIU4.75/20	4030
	22"	MIU2.37/20 ¹	4030		22"	MIU4.75/20 ¹	4030
3½"	9½"	MIU2.37/20 ¹	4030	7"	9½"	MIU4.75/9	2305
	11½"	IUS3.56/9.5	1185		11½"	MIU4.75/11	2880
	14"	IUS3.56/11.88	1420		14"	MIU4.75/14	3170
	16"	IUS3.56/14	1660		16"	MIU4.75/16	3455
	18"	MIU3.56/18 ¹	3745		18"	MIU4.75/18	3745
	20"	MIU3.56/20 ¹	4030		20"	MIU4.75/20 ¹	4030
	22"	MIU3.56/20 ¹	4030		22"	MIU4.75/20 ¹	4030
	24"	MIU3.56/20 ¹	4030		24"	MIU4.75/20 ¹	4030
							See Simpson Catalog*

- Web stiffeners required.
- Loads shown are for hangers installed on Douglas-fir-Larch or equivalent. Fill all face nail holes and fill round joist nail holes; Face nails shall be 16d common, except for IUS, which use 10d common.

TOP FLANGE HANGERS

SINGLE I-JOIST				DOUBLE I-JOIST			
Width	Depth	Hanger	Load ² (100%)	Width	Depth	Hanger	Load ² (100%)
1½"	9½"	ITS1.56/9.5	1520	3"	9½"	LBV3.12/9.5	2590
	11½"	ITS1.56/11.88	1520		11½"	LBV3.12/11.88	2590
	14"	LBV1.56/14	2590		14"	LBV3.12/14	2590
1¾"	9½"	ITS1.81/9.5	1520	3½"	9½"	MIT49.5	2305
	11½"	ITS1.81/11.88	1520		11½"	MIT411.88	2305
	14"	ITS1.81/14	1520		14"	MIT414	2305
	16"	ITS1.81/16	1520		16"	MIT416	2305
2¼"	9½"	ITS2.06/9.5	1520	4¼"	9½"	MIT4.28/9.5	2305
	11½"	ITS2.06/11.88	1520		11½"	MIT4.28/11.88	2305
	14"	ITS2.06/14	1520		14"	MIT4.28/14	2305
	16"	ITS2.06/16	1520		16"	LBV4.28/16	2590
	18"	ITS2.37/18	3745		18"	MIT359.5-2	2305
2½"	9½"	ITS2.37/9.5	1520	4½"	9½"	MIT3511.88-2	2305
	11½"	ITS2.37/11.88	1520		11½"	MIT3514-2	2305
	14"	ITS2.37/14	1520		14"	MIT4.75/16	2305
	16"	ITS2.37/16	1520		16"	LBV4.75/18	2590
	18"	MIT3518	2305		18"	LBV4.75/20	2590
	20"	MIT3520	2305		20"	B4.75X	3800
	22"	LBV2.37X	2590		22"	B4.75X	3800
3½"	9½"	ITS3.56/9.5	1520	7"	9½"	B7.12/9.5	3800
	11½"	ITS3.56/11.88	1520		11½"	B7.12/11.88	3800
	14"	ITS3.56/14	1520		14"	B7.12/14	3800
	16"	ITS3.56/16	1520		16"	B7.12/16	3800
	18"	MIT418 ¹	2305		18"	HB7.12/18	5650
	20"	MIT420 ¹	2305		20"	HB7.12/20	5650
	22"	HIT422	2550		22"	HB7.12/22	5650
	24"	HIT424	2550		24"	HB7.12/24	5650

- Web stiffeners required.
- Loads shown are for hangers installed on Douglas-fir-Larch or equivalent. Fill all face nail holes and fill round joist nail holes; Face nails shall be 16d common, except for ITS, which use 10d common.

ADJUSTABLE HEIGHT HANGERS

SINGLE I-JOIST				DOUBLE I-JOIST			
Width	Depth	Hanger	Load ² (100%)	Width	Depth	Hanger	Load ² (100%)
1½"	9½"-11½"	THAI222	1715	3"	9½"-14"	THAI-2	2020
1¾"	9½"-14"	THAI1.81/22	1715	3½"	9½"-14"	THAI422	1715
2¼"	9½"-14"	THAI2.1	1715	4¼"	9½"-14"	THAI-2	2020
2½"	9½"-14"	THAI3522	1715	4½"	9½"-14"	THAI-2	2020
3½"	9½"-14"	THAI422	1715	7"	9½"-14"	See Simpson Catalog*	

- Web stiffeners required for all I-joists used with Adjustable Height Hangers.
- For joists 16" and above, See *Simpson Wood Construction Connectors* catalog for hanger selection.
- Loads shown use 10d common nails.

VARIABLE PITCH - SINGLE I-JOISTS

SINGLE I-JOIST			
Width	Depth	Hanger	Load (100%)
1½"	ALL	VPA2	1050
1¾"	ALL	VPA25	1050
2¼"	ALL	VPA2.1	1230
2½"	ALL	VPA35	1230
3½"	ALL	VPA4	1230

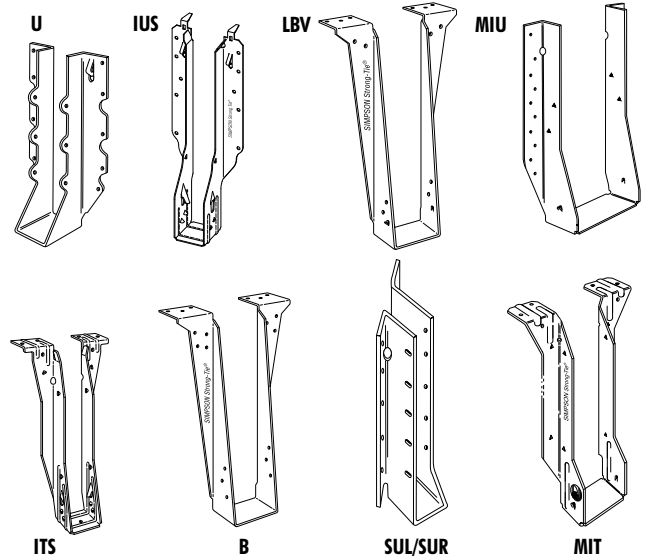
- VPA connectors provide a bearing length of 2". They should not be used in applications that require longer bearings, such as intermediate supports.

*See *Simpson Strong-Tie Wood Construction Connectors* catalog for hanger selection. All hangers listed are manufactured by Simpson Strong-Tie Co., Inc. For additional information, refer to the current Simpson Strong-Tie literature, www.strongtie.com or contact Simpson Strong-Tie at 800-999-5099.

SKewed 45° HANGERS

SINGLE I-JOIST				DOUBLE I-JOIST			
Width	Depth	Hanger	Load ³ (100%)	Width	Depth	Hanger	Load ³ (100%)
1½"	9½"	SUR/L210 ¹	1440	3"	9½"	SUR/L210-2 ¹	2015
	11½"	SUR/L210 ¹	1440		11½"	SUR/L210-2 ¹	2015
	14"	SUR/L214	1730		14"	SUR/L214-2 ¹	2500
1¾"	9½"	SUR/L1.81/9	1730	3½"	9½"	SUR/L410 ¹	2015
	11½"	SUR/L1.81/11	2305		11½"	SUR/L410 ¹	2015
	14"	SUR/L1.81/14	2500		14"	SUR/L414 ¹	2500
	16"	SUR/L1.81/14 ¹	2500		16"	SUR/L414 ¹	2500
2¼"	9½"	SUR/L2.1/9	2015	4¼"	9½"	HSUR/L4.28/9	1785
	11½"	SUR/L2.1/11	2305		11½"	HSUR/L4.28/11	2380
	14"	SUR/L2.1/14	2590		14"	HSUR/L4.28/11 ¹	2380
	16"	SUR/L2.1/14	2590		16"	HSUR/L4.28/11 ¹	2380
	18"	SUR/L2.37/18	3745		18"	HSUR/L4.75/18	1785
2½"	9½"	SUR/L2.37/9	2015	4½"	9½"	HSUR/L4.75/9	1785
	11½"	SUR/L2.37/11	2305		11½"	HSUR/L4.75/11	2380
	14"	SUR/L2.37/14	2590		14"	HSUR/L4.75/14	2975
	16"	SUR/L2.37/14 ¹	2590		16"	HSUR/L4.75/16	3330
	18"	SUR/L2.37/14 ¹	2590		18"	HSUR/L4.75/16 ¹	3330
	20"	SUR/L2.37/14 ¹	2590		20"	HSUR/L4.75/16 ¹	3330
	22"	SUR/L410 ¹	2015		22"	HU410-2X ^{1,2}	2145
3½"	9½"	SUR/L410 ¹	2015	7"	11½"	HU412-2X ^{1,2}	2620
	14"	SUR/L414 ¹	2500		14"	HU414-2X ^{1,2}	3870
	16"	SUR/L414 ¹	2500		16"	HU414-2X ^{1,2}	3870
	18"	SUR/L414 ¹	2500		18"	HU414-2X ^{1,2}	3870
	20"	SUR/L414 ¹	2500		20"	HU414-2X ^{1,2}	3870
	22"	See Simpson Catalog*			22"	See Simpson Catalog*	
	24"	See Simpson Catalog*			24"	See Simpson Catalog*	

- Web stiffeners required.
- Skewed option must be special ordered. Specify skew angle and direction. Web stiffeners required.
- Loads shown are for hangers installed on Douglas-fir-Larch or equivalent. Fill all face nail holes with 16d common.



FIELD SLOPE AND SKEW

SINGLE I-JOIST				DOUBLE I-JOIST			
Width	Depth	Hanger	Load (100%)	Width	Depth	Hanger	Load (100%)
1½"	9½"-11½"	LSSU210	995	3"	9½"-14"	LSSU210-2	1625
1¾"	9½"-14"	LSSUJ25	995	3½"	9½"-14"	LSSU410	1625
2¼"	9½"-14"	LSSU2.1	995	4¼"	9½"-14"	LSU4.28 ¹	2300
2½"	9½"-14"	LSSUI35	995	4½"	9½"-14"	LSU3510-2 ¹	2300
3½"	9½"-14"	LSSU410	1625	7"	9½"-14"	See Simpson Catalog*	

- Web stiffeners required for all I-joists used with Field Slope and Skew Hangers.
- LSU3510-2 and LSU4.28 are field-sloped only, skew option must be special ordered.

