



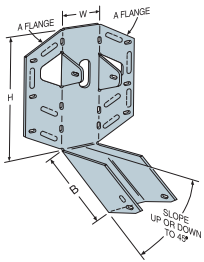
WITH THESE SITE ADJUSTABLE HANGERS, YOU CAN ALWAYS HAVE THE RIGHT HANGER AVAILABLE FOR THOSE SPECIAL RUSH PROJECTS.

This versatile range of products attaches joists/rafters to timber supports at any slope, up or down or at any skew, left of right up to and including 45°. All models are slope and skew adjustable on site, excluding the LSU3510-2, LSU4.12 and LSU26.

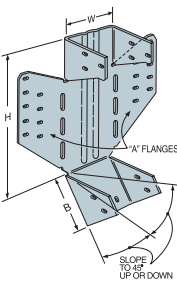
MATERIAL: LSSU410: 1.5mm, all others 1.2mm pre-galvanised mild steel.

INSTALLATION: Use all specified fasteners. See "General Notes" (page 12). Bend only once. To ensure proper seat installation, install the bottom nails before the side nails. Attach the sloped joist at both ends so the horizontal force developed by the slope is fully supported by the carried members. Web stiffeners are required with I-joists using this hanger style. For field skewing, see install sequence below.

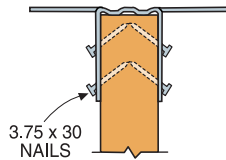
LSU26



LSSU410

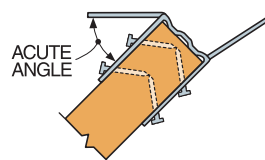


LSSU Installation Step One



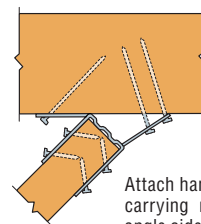
Nail hanger to slope-cut carried member, installing seat nail first. No bevel necessary for skewed installation.

LSSU Installation Step Two



Skew flange to form acute angle. Bend other flange back along centerline of slots. Bend only once.

LSSU Installation Step Three



Attach hanger to the carrying member, acute angle side first. Install nails at an angle.

Joist Size (mm)	Model No.	Dimension			Qty Fasteners		Safe Working Loads (kN)			Characteristic Capacity (kN)								
		W	H	B	Supporting Member	Supported Member	Uplift Short Term	Down		Solid Section		I-Joists						
								Grade C24		Grade C24		LVL Flanges		C24 Flanges				
								Long Term	Medium Term	Down	Uplift	Down	Uplift	Down	Up			
Sloped Hangers Only																		
38 x 150	LSU26	38	124	75	6 ⁽²⁾	5 ⁽¹⁾	2.16	2.96	3.38	6.96	2.18	8.07	3.93	8.07	3.27			
38 x 241	LSSU28	38	181	90	10 ⁽²⁾	5 ⁽¹⁾	2.16	4.94	5.65	8.46	2.18	10.17	3.93	10.17	3.27			
38 x 302	LSSU210	38	216	90	10 ⁽²⁾	7 ⁽¹⁾	3.25	4.94	5.65	8.46	2.18	10.17	3.93	10.17	3.27			
45 x 241 to 356	LSSU125	45	216	90	10 ⁽²⁾	7 ⁽¹⁾	3.25	4.94	5.65	7.95	2.18	10.17	3.93	10.47	3.27			
47 x 195 to 245	LSSU170/50	50	170	90	10 ⁽²⁾	11 ⁽¹⁾	1.74	3.73	4.26	8.96	3.50	10.17	3.93	10.17	4.56			
47 x 300 to 450	LSSU275/50	50	275	90	18 ⁽²⁾	11 ⁽¹⁾	1.74	3.73	4.26	8.96	3.50	14.37	3.93	11.40	4.56			
51 x 241 to 356	LSSU12.06	52	216	90	10 ⁽²⁾	7 ⁽¹⁾	3.25	4.94	5.65	7.54	2.18	10.17	3.93	9.96	3.27			
58 x 241 to 356	LSSU135	60	216	90	10 ⁽²⁾	7 ⁽¹⁾	3.25	4.94	5.65	7.18	2.18	10.17	3.93	9.50	3.27			
63 x 195 to 245	LSSU170/66	66	170	90	10 ⁽²⁾	11 ⁽¹⁾	1.74	3.43	3.92	8.25	3.50	10.17	5.98	10.17	4.56			
63 x 300 to 450	LSSU275/66	66	275	90	18 ⁽²⁾	11 ⁽¹⁾	1.74	3.44	3.92	8.25	3.50	14.37	5.98	10.51	4.56			
72 x 195 to 300	LSSU170/75	75	170	90	14 ⁽²⁾	12 ⁽¹⁾	1.74	3.31	3.79	7.96	3.50	10.17	5.98	10.14	4.56			
72 x 300 to 400	LSSU275/75	75	275	90	18 ⁽²⁾	12 ⁽¹⁾	1.74	3.31	3.79	7.96	3.50	14.33	5.98	10.14	4.56			
(2) 38 x 241	LSSU210-2	78	216	90	18 ⁽³⁾	12 ⁽¹⁾	5.12	10.65	12.17	10.52	3.50	14.37	5.98	10.25	4.78			
89 x 241 to 356	LSSU410	90	216	90	18 ⁽³⁾	12 ⁽¹⁾	5.12	10.65	12.17	10.21	3.50	14.37	5.98	9.87	4.78			
97 x 195 to 300	LSSU170/100	100	170	90	14 ⁽²⁾	12 ⁽¹⁾	1.74	3.00	3.50	7.35	3.50	10.17	5.98	9.39	4.56			
97 x 300 to 400	LSSU275/100	100	275	90	18 ⁽²⁾	12 ⁽¹⁾	1.74	3.06	3.50	7.35	3.50	13.69	5.98	9.39	4.56			
(2) 51 x 241 to 356	LSU4.12	105	228	90	24 ⁽³⁾	12 ⁽¹⁾	5.12	14.30	16.34	9.91	3.50	14.20	5.98	9.49	4.78			
(2) 58 x 241 to 356	LSU3510-2	120	228	90	24 ⁽³⁾	12 ⁽¹⁾	5.12	14.30	16.34	9.67	3.50	13.93	5.98	9.19	4.78			
Skewed Hangers or Sloped and Skewed																		
38 x 150	LSU26	38	124	75	6 ⁽²⁾	5 ⁽¹⁾	2.16	2.96	3.38	6.30	1.52	6.30	2.17	6.30	1.51			
38 x 241	LSSU28	38	181	90	9 ⁽²⁾	5 ⁽¹⁾	2.16	4.43	5.06	7.80	1.52	8.41	2.17	8.41	1.51			
38 x 302	LSSU210	38	216	90	9 ⁽²⁾	7 ⁽¹⁾	3.25	4.43	5.06	7.80	1.52	8.41	2.17	8.41	1.51			
45 x 241 to 356	LSSU125	45	216	90	9 ⁽²⁾	7 ⁽¹⁾	3.25	4.43	5.06	7.29	1.52	8.41	2.17	8.71	1.51			
47 x 195 to 245	LSSU170/50	50	170	90	9 ⁽²⁾	11 ⁽¹⁾	1.41	3.54	3.95	8.30	2.83	8.41	2.17	8.41	2.80			
47 x 300 to 450	LSSU275/50	50	275	90	15 ⁽²⁾	11 ⁽¹⁾	1.41	3.45	3.95	8.30	2.83	12.61	2.17	9.63	2.80			
51 x 241 to 356	LSSU12.06	52	216	90	9 ⁽²⁾	7 ⁽¹⁾	3.25	4.43	5.06	6.88	1.52	8.41	2.17	8.20	1.51			
58 x 241 to 356	LSSU135	60	216	90	9 ⁽²⁾	7 ⁽¹⁾	3.25	4.43	5.06	6.52	1.52	8.41	4.22	7.74	1.51			
63 x 195 to 245	LSSU170/66	66	170	90	9 ⁽²⁾	11 ⁽¹⁾	1.41	3.16	3.61	7.59	2.83	8.41	4.22	8.41	2.80			
63 x 300 to 450	LSSU275/66	66	275	90	15 ⁽²⁾	11 ⁽¹⁾	1.41	3.16	3.61	7.59	2.83	12.60	4.22	8.75	2.80			
72 x 195 to 300	LSSU170/75	75	170	90	9 ⁽²⁾	11 ⁽¹⁾	1.41	3.04	3.47	7.30	2.83	8.41	4.22	8.37	2.80			
72 x 300 to 400	LSSU275/75	75	275	90	15 ⁽²⁾	11 ⁽¹⁾	1.41	3.04	3.47	7.30	2.83	12.56	4.22	8.37	2.80			
(2) 38 x 241	LSSU210-2	78	216	90	14 ⁽³⁾	12 ⁽¹⁾	5.12	8.12	9.28	9.86	2.83	12.61	4.22	8.49	3.02			
89 x 241 to 356	LSSU410	90	216	90	14 ⁽³⁾	12 ⁽¹⁾	5.12	8.12	9.28	9.55	2.83	12.61	4.22	8.11	3.02			
97 x 195 to 300	LSSU170/100	100	170	90	9 ⁽²⁾	11 ⁽¹⁾	1.41	2.78	3.18	6.69	2.83	8.41	4.22	7.63	2.80			
97 x 300 to 400	LSSU275/100	100	275	90	15 ⁽²⁾	11 ⁽¹⁾	1.41	2.78	3.18	6.69	2.83	11.93	4.22	7.63	2.80			
(2) 51 x 241 to 356	LSU4.12	105	228	90	24 ⁽³⁾	12 ⁽¹⁾	5.12	10.23	11.69	9.25	2.83	12.43	4.22	7.72	3.02			
(2) 58 x 241 to 356	LSU3510-2	120	228	90	24 ⁽³⁾	12 ⁽¹⁾	5.12	10.23	11.69	9.01	2.83	12.17	4.22	7.43	3.02			

1. Use 3.75mm x 30mm Square Twist Nails.
2. Use 3.75mm x 75 Nails.
3. Use 4.0mm x 100mm Nails.
4. Except LSU26, some face nails are not fitted in the flange on the acute angle side for skewed installations. Fill all nail holes on the obtuse angle side.
5. SWLS are for engineered wood members of C24 or better. Reduce loads to 80% of the table's loads for C16 timber.
6. LSU3510-2 and LSU4.12 factory skewed, field sloped.