



This product is preferable to similar connectors because of a) easier installation, b) higher loads, c) lower installed cost, or a combination of these features.

This series attach joists or rafters to headers, sloped up or down, and skewed left or right, up to 45°.

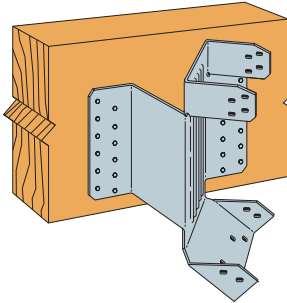
MATERIAL: See table **FINISH:** Galvanized

INSTALLATION: • Use all specified fasteners.

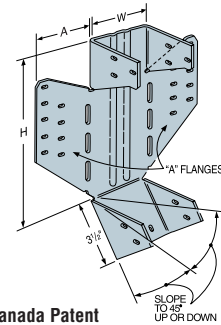
See General Notes.

- Attach the sloped joist at both ends so that the horizontal force developed by the slope is fully supported by the supporting members.
- **Web stiffeners required for I-joist applications.**

CODES: See page 10 for Code Listing Key Chart.



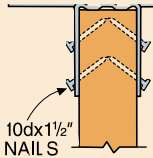
The LSU5.12 must be factory-skewed 0° to 45°. It may be field-sloped to 45°. (LSU4.12 and LSU3510-2 similar)



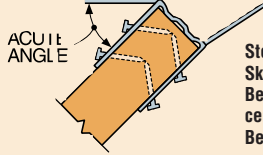
LSSU410
(LSSU210-2, LSSU310 similar)

Canada Patent
1,168,827

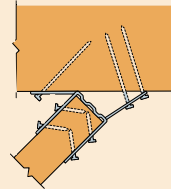
LSU INSTALLATION SEQUENCE



Step 1
Nail hanger to slope-cut carried member, installing seat nail first. No bevel necessary for skewed installation.



Step 2
Skew flange to form acute angle. Bend other flange back along centerline of slots. Bend one time only.



Step 3
Attach hanger to the carrying member, acute angle side first. Install nails at an angle.

Actual Joist Width	Model No.	Ga.	Dimensions			Fasteners		Down Avg Ult	Allowable Loads								Code Ref.	
			W	H	A	Face	Joist		DF/SP Species Header				SPF Species Header					
									Uplift (133)	Uplift (160)	Floor (100)	Roof		Uplift (133)	Floor (100)	Roof		
Snow (115)	Const. (125)	Snow (115)	Const. (125)															
Sloped Only Hangers																		
1½	LSSU210	18	1⅞	8½	1⅝	10 - 10d	7 - 10dx1½	5800	730	875	1110	1275	1390	625	960	1105	1200	6, 38, 86, 140
1¾	LSSU125	18	1⅞	8½	1½	10 - 10d	7 - 10dx1½	5800	730	875	1110	1275	1390	625	960	1105	1200	
2	LSSU12.06	18	2⅞	8½	1¾	10 - 10d	7 - 10dx1½	5800	730	875	1110	1275	1390	625	960	1105	1200	
2¼ - 2⅝	LSSU135	18	2⅞	8½	1⅝	10 - 10d	7 - 10dx1½	5800	730	875	1110	1275	1390	625	960	1105	1200	160
2½	LSSUH310	16	2⅞	8½	3⅞	18 - 16d	12 - 10dx1½	10179	1150	1150	2295	2295	2295	990	1930	1930	1930	
3	LSSU210-2	16	3⅞	8½	2⅞	18 - 16d	12 - 10dx1½	10305	1150	1150	2430	2795	3035	990	2160	2485	2700	4, 87
3½	LSSU410	16	3⅞	8½	2⅞	18 - 16d	12 - 10dx1½	10305	1150	1150	2430	2795	3035	990	2160	2485	2700	
4	LSU4.12	14	4⅞	9	2¼	24 - 16d	16 - 10dx1½	15550	1150	1150	3215	3700	4020	990	2785	3200	3480	170
4½ - 4¾	LSU3510-2	14	4¾	8⅞	3⅞	24 - 16d	16 - 10dx1½	15550	1150	1150	3215	3700	4020	990	2785	3200	3480	
5	LSU5.12	14	5⅞	9	2¼	24 - 16d	16 - 10dx1½	12040	885	885	3215	3700	3785	760	2785	3200	3280	
Skewed Only or Sloped and Skewed Hangers																		
1½	LSSU210	18	1⅞	8½	1⅝	9 - 10d	7 - 10dx1½	4275	730	785	995	1145	1205	625	860	995	1050	6, 38, 86, 140
1¾	LSSU125	18	1⅞	8½	1½	9 - 10d	7 - 10dx1½	4275	730	785	995	1145	1205	625	860	995	1050	
2	LSSU12.06	18	2⅞	8½	1¾	9 - 10d	7 - 10dx1½	4275	730	785	995	1145	1205	625	860	995	1050	
2¼ - 2⅝	LSSU135	18	2⅞	8½	1⅝	9 - 10d	7 - 10dx1½	4275	730	785	995	1145	1205	625	860	995	1050	160
2½	LSSUH310	16	2⅞	8½	3⅞	14 - 16d	12 - 10dx1½	6823	1150	1150	1600	1600	1600	990	1385	1385	1385	
3	LSSU210-2	16	3⅞	8½	2⅞	14 - 16d	12 - 10dx1½	5742	1150	1150	1625	1625	1625	990	1365	1365	1365	4, 87
3½	LSSU410	16	3⅞	8½	2⅞	14 - 16d	12 - 10dx1½	5742	1150	1150	1625	1625	1625	990	1365	1365	1365	
4	LSU4.12 ³	14	4⅞	9	2¼	24 - 16d	16 - 10dx1½	7133	1150	1150	2300	2300	2300	990	1990	1990	1990	170
4½ - 4¾	LSU3510-2 ³	14	4¾	8⅞	3⅞	24 - 16d	16 - 10dx1½	7133	1150	1150	2300	2300	2300	990	1990	1990	1990	
5	LSU5.12 ³	14	5⅞	9	2¼	24 - 16d	16 - 10dx1½	6313	885	885	1790	1790	1790	760	1550	1550	1550	

1. Roof loads are 125% of floor loads unless limited by other criteria.

2. Uplift loads include a 33% and 60% increase for earthquake or wind loading; no further increase is allowed; reduce where other loads govern.

3. LSU3510-2, LSU4.12 and LSU5.12 skew option must be factory-ordered.

4. Minimum 11" joist height for LSU3510-2, LSU4.12, LSU5.12; 9½" for all others.