LSU/LSSU *Adjustable Light Slopeable/Skewable U Hangers*

SIMPSON Strong-Tie®

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.

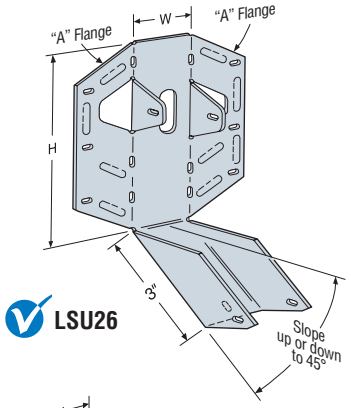
The LSU and LSSU series of hangers may be sloped and skewed in the field, offering a versatile solution for attaching joists and rafters. These hangers may be sloped up or down and skewed left or right, up to 45°.

MATERIAL: See table

FINISH: Galvanized. Some products available in ZMAX® coating; see Corrosion Information, page 10-11.

INSTALLATION: • Use all specified fasteners. See General Notes.

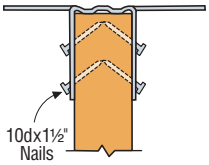
- Attach the sloped joist at both ends so that the horizontal force developed by the slope is fully supported by the supporting members.
- **To see an installation video on this product, visit *www.strongtie.com*.**



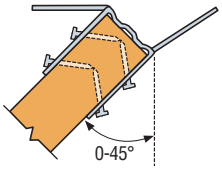
LSU26

LSU and LSSU INSTALLATION SEQUENCE

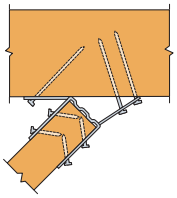
(For Skewed or Sloped/Skewed Applications)



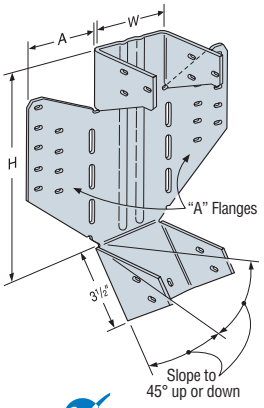
STEP 1
Nail hanger to slope-cut carried member, installing seat nail first. No bevel necessary for skewed installation. Install joist nails at 45° angle.



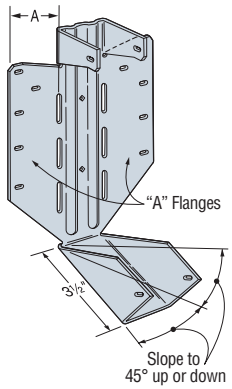
STEP 2
Skew flange from 0-45°. Bend other flange back along centerline of slots until it meets the header. Bend one time only.



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



LSSU410
(LSSU210-2 similar)



LSSU28

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Joist Width	Model No.	Ga	Dimensions (in) W	H	A	Fasteners Face	Joist	Factored Resistance D.Fir-L Uplift (K_D=1.15) lbs / kN	D.Fir-L Normal (K_D=1.00) lbs / kN	S-P-F Uplift (K_D=1.15) lbs / kN	S-P-F Normal (K_D=1.00) lbs / kN
Sloped Only Hangers											
1½	LSU26	18	1 9/16	4 7/8	1½	6-10d	5-10dx1½	1005 / 4.48	1255 / 5.59	715 / 3.18	900 / 4.01
1½	LSSU28	18	1 9/16	7 1/8	1½	10-10d	5-10dx1½	800 / 3.56	3000 / 13.36	570 / 2.54	2145 / 9.55
1½	LSSU210	18	1 9/16	8½	1⅝	10-10d	7-10dx1½	1635 / 7.28	3275 / 14.59	1170 / 5.21	2340 / 10.42
2½	LSSUH310	16	2 9/16	8½	3⅛	18-16d	12-10dx1½	1725 / 7.68	4205 / 18.73	1220 / 5.43	2970 / 13.23
3	LSSU210-2	16	3⅛	8½	2⅞	18-16d	12-10dx1½	1725 / 7.68	5355 / 23.85	1220 / 5.43	3785 / 16.86
3½	LSSU410	16	3 9/16	8½	2⅝	18-16d	12-10dx1½	1725 / 7.68	5355 / 23.85	1220 / 5.43	3785 / 16.86
Skewed Hangers or Sloped and Skewed											
1½	LSU26	18	1 9/16	4 7/8	1½	6-10d	5-10dx1½	1005 / 4.48	1255 / 5.59	715 / 3.18	900 / 4.01
1½	LSSU28	18	1 9/16	7 1/8	1½	9-10d	5-10dx1½	735 / 3.27	1360 / 6.06	525 / 2.34	970 / 4.32
1½	LSSU210	18	1 9/16	8½	1⅝	9-10d	7-10dx1½	1285 / 5.72	2090 / 9.31	915 / 4.08	1495 / 6.66
2½	LSSUH310	16	2 9/16	8½	3⅛	14-16d	12-10dx1½	1725 / 7.68	2620 / 11.67	1220 / 5.43	1850 / 8.24
3	LSSU210-2	16	3⅛	8½	2⅞	14-16d	12-10dx1½	1725 / 7.68	3055 / 13.61	1220 / 5.43	2160 / 9.62
3½	LSSU410	16	3 9/16	8½	2⅝	14-16d	12-10dx1½	1725 / 7.68	3055 / 13.61	1220 / 5.43	2160 / 9.62

1. Factored uplift resistances include a 15% increase for earthquake or wind loading; no further increase is allowed; reduce when other loads govern.
2. **NAILS:** 16d = 0.162" dia. x 3½" long, 10d = 0.148" dia. x 3" long, 10dx1½ = 0.148" dia. x 1½" long. See page 16-17 for other nail sizes and information.