

HANGER OPTIONS MATRIX

BASE MODEL SERIES	MODIFICATIONS											FEATURES			
	SKEWED SEAT (MAXIMUM)  Skewable	SLOPED SEAT (MAXIMUM)  Slopeable	SKEWED & SLOPED SEAT  Slopeable & Skewable	SLOPED TOP FLANGE  Sloped Top Flange	OPEN TOP FLANGE  Open Top Flange	CLOSED TOP FLANGE  Closed Top Flange	OFFSET TOP FLANGE  Offset Top Flange	SADDLE HANGER  Saddle Hanger	RIDGE HANGER  Ridge Hanger	CONCEALED FLANGE  Concealed	NON-BACKED (Backing reduces possible hanger rotation)  Non-Backed	UPLIFT  Uplift	WELDABILITY  Weldable	BEVEL CUT JOIST  Bevel Cut	SQUARE (BUTT) CUT JOIST  Butt Cut
B	45°	45°	•	•	•	•		•			•	•	•	•	
EG	45°	45°												•	
GB		45°						•				•	•	•	
GH	45°							•						•	
GLS	50°	45°	•	•			•	•				•	•		
GLT/GLTV	50°	45°	•	•			•				•	•	•	•	
HB	45°	45°	•	•	•	•		•			•	•	•	•	
HGB		45°						•				•	•	•	
HGLS	50°	45°		•			•	•				•	•		
HGLT/HGLTV	50°	45°		•			•				•	•	•	•	
HGU										•		•			
HGUS	45°											•		•	•
HHB		45°						•				•	•	•	
HHGU										•		•			
HHUS	45°	45°	•									•		•	
HSUR/L ^{1,8}	45°									• ⁸		•		•	•
HTU	67½°											•			•
HU ⁷	67½°	45°	•							•		•	•	•	•
HUS										• ⁶		•			
HUSTF										•					
HUTF ^{5,7}	45°	45°	•							•		•		•	•
HW ³	84°	45°	•	•	•		•	•	•		•	•	•	•	• ⁹
HWU ⁴	45°	45°	•									•		•	
LBV ²	45°	45°	•	•	•	•		•			•	•	•	•	
LEG	45°	45°					•							•	
LGU										•		•			•
LSU/LSSU	45°	45°	•									•			•
LTHJR/L	67½°	45°	•									•			•
MBHA	45°														•
MEG	45°	45°					•							•	
MGU										•		•			
MSC	45°	45°	•									•	•		•
SUR/L ^{1,8}	45°									• ⁸		•		•	•
THASR/L	84°											•			•
THGB/THGBH	45°											•			•
THGQH ¹	45°											•			•
THJU ¹⁰												•			•
U ⁷	67½°	45°	•									•		•	•
W ³	84°	45°	•	•	•	•	•	•	•		•		•	•	• ⁹
WM	45°	45°	•				•							•	
WNP/WP ³	84°	45°	•	•	•	•	•	•	•		•		•	•	• ⁹
WPU/WNP ⁴	45°	45°	•									•	•	•	

1. Available in 45° only.
2. JB/LB cannot be modified. Consider using LBV (pages 96-103) if supporting member is a minimum of 2½" wide.
3. Available in bevel cut or square cut joist.
4. HWU, WPU and WNP cannot be skewed when the hanger width is greater than 3½".
5. Slope and skew combination is for down slope only.
6. Refer to pages 61-68, 83-88, 118-119 for loads.
7. For U and HU type hangers, bevel or square cut available up to 50°. Greater than 50° square cut required (see page 181).
8. Available on double 2x and 4x models only (only with acute flange concealed).
9. Products noted in table must be ordered as a Type B hanger for a square cut joist.
10. Available in a range of seat widths to accommodate different hip/jack configurations; see page 182.

HEIGHT FOR SLOPED HANGERS:

Height 1 (H1) is the joist height before the slope cut has been made.

Net Height (Net H) is the joist height after the slope cut has been made.

Provide H1 when ordering a connector. Connectors are made assuming dry lumber is being used in continuously dry conditions.

Simpson Strong-Tie will calculate the **Net H** dimension based on the mathematical formula of $H1/\cos$ angle.

