

# DISPLACEABLE KNOT EBOOK GUIDE



Allowable Knot Size=  
 $(P_1+P_2-K_1)(\text{Shift Factor}) + K_1$

Where: P1 = Side 1 Knot Mid-Point

P2 = Side 2 Knot Mid-Point

K1 = Max Edge Knot Size

K2 = Max Center Knot Size

W = Actual Width of Piece

$$\text{Shift Factor} = \frac{(K_2 - K_1)}{(W - K_1)}$$

Shift Factor for 2" Dimension

	<u>#1</u>	<u>#2</u>	<u>#3</u>
2x4	1/5	1/3	3/7
2x6	3/16	8/29	4/11
2x8	1/7	4/19	4/15
2x10	1/9	1/6	4/19
2x12	1/11	2/15	4/23

## **ABOUT SPIB**

The Southern Pine Inspection Bureau is the leader in providing quality assurance standards to the softwood lumber industry.

Since 1915, SPIB has provided grading rules, training, production surveys, and other services to ensure product integrity and build a sustainable future for the industry. The SPIB grademark is recognized throughout the industry as a sign of quality and consistency that manufacturers and consumers know and respect.

**NEED MORE INFO?**

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