



LP® SolidStart® LSL 3 1/2" Header Depth Conversion Chart

Header Span (ft)	#2 Douglas Fir-Larch Lumber Header Size								
	(2) 2x4	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x12	4x6	4x8	4x10	4x12
3'	3 1/2"	4 3/8"	5 1/2"	5 1/2"	7 1/4"	4 3/8"	5 1/2"	7 1/4"	7 1/4"
4'	3 1/2"	4 3/8"	5 1/2"	7 1/4"	7 1/4"	4 3/8"	5 1/2"	7 1/4"	7 1/4"
5'	3 1/2"	5 1/2"	5 1/2"	7 1/4"	7 1/4"	5 1/2"	5 1/2"	7 1/4"	9 1/2"
6'	-	5 1/2"	7 1/4"	7 1/4"	7 1/4"	5 1/2"	7 1/4"	7 1/4"	9 1/2"
7'	-	5 1/2"	7 1/4"	7 1/4"	9 1/2"	5 1/2"	7 1/4"	7 1/4"	9 1/2"
8'	-	5 1/2"	7 1/4"	7 1/4"	9 1/2"	5 1/2"	7 1/4"	9 1/2"	9 1/2"
9'	-	5 1/2"	7 1/4"	7 1/4"	9 1/2"	-	7 1/4"	9 1/2"	9 1/2"
10'	-	-	7 1/4"	9 1/2"	9 1/2"	-	7 1/4"	9 1/2"	9 1/2"
11'	-	-	7 1/4"	9 1/2"	9 1/2"	-	7 1/4"	9 1/2"	9 1/2"
12'	-	-	7 1/4"	9 1/2"	9 1/2"	-	7 1/4"	9 1/2"	9 1/2"
14'	-	-	-	9 1/2"	9 1/2"	-	-	9 1/2"	9 1/2"
16'	-	-	-	9 1/2"	9 1/2"	-	-	9 1/2"	11 7/8"
18'	-	-	-	-	9 1/2"	-	-	-	11 7/8"
20'	-	-	-	-	11 7/8"	-	-	-	11 7/8"

Notes:

1. This table provides a size conversion from #2 Douglas Fir-Larch lumber to LP SolidStart LSL based on design properties only. The selected product must be verified for the actual span and loads supported.
2. Refer to the current LP SolidStart LSL Beam & Header Technical Guide for important information regarding the design and installation of LP LSL.
3. Header Span is defined as center-to-center of bearings and is valid for simple span applications only.
4. Design properties used for #2 Douglas Fir-Larch: 900F_b/180F_v/625F_{c⊥}/1.6x10⁶ MOE.
5. 9-1/2" and deeper LSL headers are the 1.55E grade. Depths less than 9-1/2" are the 1.35E grade.
6. Design live load on the member must be 80% or less of the total load supported by the member. If dead load is 10 psf, for example, the live load is assumed to be 40 psf or less.
7. The specified bearing requirements for the LP LSL will be the same as the #2 Douglas Fir-Larch lumber.
8. Do not use where marked "-" without further analysis by a design professional.

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1.888.820.0325

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