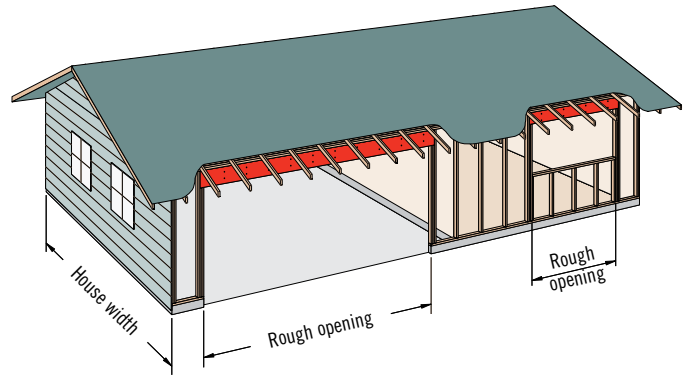


SIZING TABLES

How to Use This Table

1. Determine appropriate **Roof Load** and **House Width**.
 2. Locate **Rough Opening**.
 3. Select header size and material.
- iLevel offers 1.55E TimberStrand® LSL pre-cut garage door headers; however, they are not available in all regions. Call 1-888-453-8358 to determine availability.

Also see **General Notes** on page 9.



Headers Supporting Roof

Roof Load (PSF)		House Width	Rough Opening											
			8'			9'-3"			10'			12'		
Non-Snow Area 125%	20LL + 15DL	24'	1¾" x 9¼"	T	M	1¾" x 9¼"	T	M	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M
			3½" x 7¼"		M	3½" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 11⅞"	T	M
			3½" x 9¼"	T	M	5¼" x 7¼"		P	3½" x 9¼"	T	M	3½" x 9¼"	T	M
		30'	1¾" x 9¼"	T	M	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 14"	T	M
			3½" x 7¼"		M	1¾" x 11¼"	T	M	3½" x 9¼"	T	M	3½" x 9¼"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M				3½" x 11¼"	T	M
		36'	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M	1¾" x 11⅞"	T	M	3½" x 9½"	T	M
			5¼" x 7¼"		M				3½" x 9¼"	T	M	3½" x 11¼"	T	M
	20LL + 20DL	24'	1¾" x 9¼"	T	M	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 11⅞"	T	M
			3½" x 7¼"		M	1¾" x 9½"	T	M	3½" x 9¼"	T	M	1¾" x 14"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M				3½" x 9½"	T	M
		30'	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M	1¾" x 11⅞"	T	M	3½" x 9½"	T	M
			5¼" x 7¼"		M				3½" x 9¼"	T	M	3½" x 11¼"	T	M
		36'	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 11⅞ ⁽³⁾	T	M	3½" x 11¼"	T	M
			1¾" x 11¼"	T	M	1¾" x 11⅞"	T	M	1¾" x 14 ⁽³⁾	T	M	5¼" x 9¼"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M	3½" x 9¼"	T	M			
	25LL + 15DL	24'	1¾" x 9¼"	T	M	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 14"	T	M
			3½" x 7¼"		M	1¾" x 11¼"	T	M	3½" x 9¼"	T	M	3½" x 9½"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M				5¼" x 9¼"	T	M
		30'	1¾" x 9½"	T	M	1¾" x 11¼"	T	M	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M	1¾" x 11⅞"	T	M	3½" x 9½"	T	M
			5¼" x 7¼"		M				3½" x 9¼"	T	M	3½" x 11¼"	T	M
		36'	1¾" x 11¼"	T	M	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M	3½" x 11¼"	T	M
			3½" x 9¼"	T	M	1¾" x 11⅞"	T	M	3½" x 9¼"	T	M	5¼" x 9¼"	T	M
			5¼" x 7¼"		M	3½" x 9¼"	T	M						
	30LL + 15DL	24'	1¾" x 9¼"	T	M	1¾" x 11¼"	T	M	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M	1¾" x 11⅞"	T	M	3½" x 9¼"	T	M
			5¼" x 7¼"		M				3½" x 9¼"	T	M	3½" x 11¼"	T	M
		30'	1¾" x 9½"	T	M	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M	3½" x 11¼"	T	M
			1¾" x 11¼"	T	M	1¾" x 11⅞"	T	M	3½" x 9¼"	T	M	5¼" x 9¼"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M						
		36'	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M	1¾" x 14 ⁽³⁾	T	M	3½" x 11⅞"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M	3½" x 9½"	T	M	5¼" x 9¼"	T	M
			5¼" x 7¼"		M				5¼" x 9¼"	T	M	5¼" x 11¼"	T	M
	40LL + 15DL	24'	1¾" x 9½"	T	M	1¾" x 11¼"	T	M	1¾" x 14 ⁽³⁾	T	M	3½" x 11¼"	T	M
			1¾" x 11¼"	T	M	1¾" x 11⅞"	T	M	3½" x 9¼"	T	M	5¼" x 9¼"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M						
		30'	1¾" x 11¼ ⁽³⁾	T	M	1¾" x 14 ⁽³⁾	T	M	1¾" x 14 ⁽³⁾	T	M	3½" x 11⅞"	T	M
			3½" x 9¼"	T	M	3½" x 9¼"	T	M	3½" x 9¼"	T	M	5¼" x 9¼"	T	M
									3½" x 11¼"	T	M	5¼" x 11¼"	T	M
		36'	1¾" x 14 ⁽³⁾	T	M	3½" x 9¼"	T	M	3½" x 9½"	T	M	3½" x 11⅞"	T	M
			3½" x 9¼"	T	M	3½" x 11¼"	T	M	3½" x 11¼"	T	M	3½" x 14"	T	M
						5¼" x 9¼"	T	M	5¼" x 9¼"	T	M	5¼" x 9½"	T	M

T 1.55E TimberStrand® LSL

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P 2.0E Parallam® PSL

SIZING TABLES

General Notes

- Table is based on:
 - Uniform loads.
 - More restrictive of simple or continuous span. Ratio of short span to long span should be 0.4 or greater to prevent uplift.
 - Roof truss framing with 24" soffits.
 - Deflection criteria of L/240 live load and L/180 total load.
- Tables do not consider attic loads acting concurrently with roof or snow loads.

Also see **How to Use This Table** on page 8 and **General Assumptions** on page 5.

Bearing Requirements

Minimum header support to be two trimmers (3") at each end and 7½" at continuous-span supports.

(3) Requires three trimmers (4½") at each end and 11¼" at continuous-span supports.

Headers Supporting Roof *continued*

Roof Load (PSF)		House Width	Rough Opening								
			14'			16'-3"			18'-3"		
Non-Snow Area 125%	20LL + 15DL	24'	1¾" x 14"	T	M	3½" x 11⅞"	T	M	3½" x 14"	T	M
			3½" x 9½"		P	3½" x 14"	T	M	5¼" x 11¼"		P
			3½" x 11¼"	T	M	5¼" x 11¼"	T	M	5¼" x 11⅞"	T	M
		30'	3½" x 11¼"	T	M	3½" x 11⅞"		P	3½" x 14"		P
			5¼" x 9¼"		P	3½" x 14"	T	M	3½" x 16"	T	M
						5¼" x 11¼"	T	M	5¼" x 11⅞"		P
		36'	3½" x 11⅞"	T	M	3½" x 14"	T	M	3½" x 16"	T	M
			5¼" x 9½"		P	5¼" x 11¼"		P	5¼" x 14"	T	M
			5¼" x 11¼"	T	M	5¼" x 11⅞"	T	M			
	20LL + 20DL	24'	1¾" x 14" ⁽³⁾		M	3½" x 11⅞"		P	3½" x 14"		P
			3½" x 11¼"	T	M	3½" x 14"	T	M	3½" x 16"	T	M
			5¼" x 9½"	T	M	5¼" x 11¼"	T	M	5¼" x 11⅞"		P
		30'	3½" x 11⅞"	T	M	3½" x 14"	T	M	3½" x 14"		P
			5¼" x 9½"		P	5¼" x 11¼"		P	3½" x 16"	T	M
			5¼" x 11¼"	T	M	5¼" x 11⅞"	T	M	5¼" x 14"	T	M
		36'	3½" x 11⅞"		P	3½" x 14"		P	3½" x 16"		P
			3½" x 14"	T	M	3½" x 16"	T	M	5¼" x 14"		P
			5¼" x 11¼"	T	M	5¼" x 11⅞"		P	5¼" x 16"	T	M
Snow Area 115%	25LL + 15DL	24'	3½" x 11¼"	T	M	3½" x 11⅞"		P	3½" x 14"		P
			5¼" x 9¼"		P	3½" x 14"	T	M	3½" x 16"	T	M
			5¼" x 9½"	T	M	5¼" x 11¼"	T	M	5¼" x 11⅞"		P
		30'	3½" x 11⅞"	T	M	3½" x 14"	T	M	3½" x 14"		P
			5¼" x 9½"		P	5¼" x 11¼"		P	3½" x 16"	T	M
			5¼" x 11¼"	T	M	5¼" x 11⅞"	T	M	5¼" x 14"	T	M
		36'	3½" x 11⅞"		P	3½" x 14"		P	3½" x 16"		P
			3½" x 14"	T	M	3½" x 16"	T	M	5¼" x 14"		P
			5¼" x 11¼"	T	M	5¼" x 11⅞"		P	5¼" x 16"	T	M
	30LL + 15DL	24'	3½" x 11⅞"	T	M	3½" x 14"	T	M	3½" x 14"		P
			5¼" x 9¼"		P	5¼" x 11¼"		P	3½" x 16"	T	M
			5¼" x 11¼"	T	M	5¼" x 11⅞"	T	M	5¼" x 11⅞"		P
		30'	3½" x 11⅞"		P	3½" x 14"		P	3½" x 16"		P
			3½" x 14"	T	M	3½" x 16"	T	M	5¼" x 14"	T	M
			5¼" x 11¼"	T	M	5¼" x 11⅞"		P			
		36'	3½" x 14"	T	M	3½" x 14"		P	3½" x 16" ⁽³⁾		P
			5¼" x 11¼"	T	M	3½" x 16"	T	M	3½" x 18" ⁽³⁾		P
						5¼" x 14"	T	M	5¼" x 14"		P
	40LL + 15DL	24'	3½" x 11⅞"		P	3½" x 14"		P	3½" x 16"		P
			3½" x 14"	T	M	3½" x 16"	T	M	5¼" x 14"	T	M
			5¼" x 11¼"	T	M	5¼" x 11⅞"		P			
		30'	3½" x 14"	T	M	3½" x 16" ⁽³⁾		P	3½" x 18" ⁽³⁾		P
			5¼" x 11¼"		P	5¼" x 14"	T	M	5¼" x 14"		P
			5¼" x 11⅞"	T	M				5¼" x 16"	T	M
		36'	3½" x 14" ⁽³⁾		P	3½" x 16" ⁽³⁾		P	3½" x 18" ⁽³⁾		P
			3½" x 16" ⁽³⁾	T	M	3½" x 18" ⁽³⁾		P	3½" x 20" ⁽³⁾		P
			5¼" x 11⅞"	T	M	5¼" x 14"	T	M	5¼" x 16"	T	M

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