

Headers & Beams : Size Selection Tables

Span Tables (<http://www.southernpine.com/span-tables/>)

Joists & Rafters (<http://www.southernpine.com/span-tables/joists-rafters/>)

Headers & Beams : Size Selection Tables (<http://www.southernpine.com/span-tables/headers-beams-size-selection-tables/>)

Headers & Beams : Allowable Load Tables (<http://www.southernpine.com/span-tables/headers-beams-allowable-load-tables/>)

Tables providing size selections for various beam spans and loading combinations for Southern Pine dimension lumber and Southern Pine glued laminated timber are available for the following applications:

Window, Door & Garage Door Headers – Supporting Roof Loads Only

Window, Door & Garage Door Headers – Supporting Roof, Wall & Floor Loads

Floor Girder Beams

Floor Edge Beams

Roof Ridge Beams

Loading conditions are detailed below. For each application, a PDF download is available.

Also see Assumptions for Table Development

(http://www.southernpine.com/app/uploads/ASSUMPTIONS_tableDEV0701L.pdf). Refer to SFPA's publication *Southern Pine Headers & Beams* (download in Publications

(<http://www.southernpine.com/publications/>)) that includes all size selection and allowable load tables.

Table Number	Grade	Live or Ground Snow Load(psf)	Dead Load(psf)	Load Duration Factor, C _D
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Table Number	Grade	Live or Ground Snow Load(psf)	Dead Load(psf)	Load Duration Factor, C
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Window, Door & Garage Door Headers - Supporting Roof Loads Only

1	All	30	10	1.15
2	All	40	10	1.15
3	All	50	10	1.15
4	All	70	10	1.15
5	All	20	10	1.25
6	All	20	20	1.25

Download a PDF, Tables 1 - 6 (http://www.southernpine.com/app/uploads/SS_1-6L.pdf)

Window, Door & Garage Door Headers - Supporting Roof, Wall & Floor Loads

7	All	30	10	1.15
8	All	40	10	1.15
9	All	50	10	1.15
10	All	70	10	1.15
11	All	20	10	1.25
12	All	20	20	1.25

Download a PDF, Tables 7 - 12 (http://www.southernpine.com/app/uploads/SS_7-12L.pdf)

Floor Girder Beams

13	All	40	10	1.00
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Floor Edge Beams

14	All	40	10	1.00
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Download a PDF, Tables 13 - 14 (http://www.southernpine.com/app/uploads/SS_13-14L.pdf)

Roof Ridge Beams

Table Number	Grade	Live or Ground Snow Load(psf)	Dead Load(psf)	Load Duration Factor, C
15	All	30	10	1.15
16	All	40	10	1.15
17	All	50	10	1.15
18	All	70	10	1.15
19	All	20	10	1.25
20	All	20	20	1.25

Download a PDF, Tables 15 - 20 (http://www.southernpine.com/app/uploads/SS_15-20L.pdf)