

Dead Load Assumptions: Roof/Ceiling Assembly DL=20psf
Roof Live Load=20psf

Building Width		
12	24	36
Max. Header/Girder Spans for Common Lumber Species(1,3)		

Headers Supporting	Size	ft.-in.	ft.-in.	ft.-in.	Jack Studs	Full Length Wall/Header Stud Each End
Roof&Ceiling	2-2x4	4-7	3-7	3-0	1	1
	2-2x6	5-6	5-3	4-5	1	2
	2-2x8	6-1	6-1	5-7	1	3
	2-2x10	6-8	6-8	6-8	2	3
	2-2x12	7-1	7-1	7-1	2	3
	3-2x8	7-5	7-5	7-5	2	3
	3-2x10	8-3	8-3	8-3	2	3
	3-2x12	8-8	8-8	8-8	2	3
	4-2x8	8-7	8-7	8-0	1	3
	4-2x10	9-6	9-6	9-6	2	4
	4-2x12	10-0	10-0	10-0	2	4

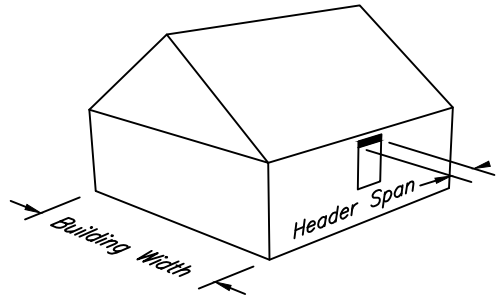


Table 3.22A Header Spans for Exterior Loadbearing Walls

(Supporting a Roof and Ceiling)

Values from Table 3.23A supercede values from 3.22A
Jack Studs from Table 3.22F
Full Height Studs from 3.23C
Header Nailing Schedule 16d nails 16" o.c.along edges

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12	24	36
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Headers Supporting	Size	ft.-in.	ft.-in.	ft.-in.	Jack Studs	Full Length Wall/Header Stud Each End
Roof&Ceiling	2-2x4	3-10	3-0	2-7	1	1
	2-2x6	5-6	4-5	3-9	1	2
	2-2x8	6-1	5-7	4-9	1	3
	2-2x10	6-8	6-8	5-9	2	3
	2-2x12	7-1	7-1	6-8	2	3
	3-2x8	7-5	7-0	5-11	2	3
	3-2x10	8-3	8-3	7-3	2	3
	3-2x12	8-8	8-8	8-5	2	3
	4-2x8	8-7	8-1	6-10	1	3
	4-2x10	9-6	9-6	8-4	2	4
	4-2x12	10-0	10-0	9-8	2	4

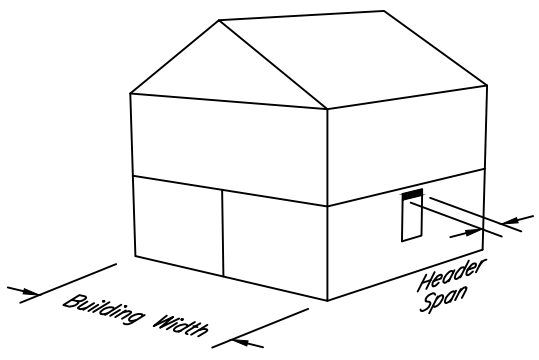


Table 3.22B Header Spans for Exterior Loadbearing Walls

(Supporting a Roof, Ceiling and One Center Bearing Floor)

Values from Table 3.23A supercede values from 3.22A
Jack Studs from Table 3.22F
Full Height Studs from 3.23C
Header Nailing Schedule 16d nails 16" o.c.along edges

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HEADER SPANS FOR EXTERIOR LOAD BEARING WALLS