Estimated floor joist spans (40 psf LL, 10 psf DL, L/360)

Species	Size	12 in o.c.	16 in o.c.	19.2 in o.c.	24 in o.c.
Douglas fir-larch No. 2	2x6	10′-8″	9′-8″	9′-2″	8′-2″
Douglas fir-larch No. 2	2x8	14′-1″	12′-9″	11′-7″	10′-5″
Douglas fir-larch No. 2	2x10	18′-0″	15′-7″	14′-2″	12′-8″
Douglas fir-larch No. 2	2x12	20′-10″	18′-1″	16′-6″	14′-9″
Hem-fir No. 2	2x6	10′-0″	9′-1″	8′-6″	7′-11″
Hem-fir No. 2	2x8	13′-2″	11′-11″	11′-3″	10′-1″
Hem-fir No. 2	2x10	16′-9″	15′-1″	13′-10″	12′-4″
Hem-fir No. 2	2x12	20′-3″	17′-7″	16′-0″	14′-4″
Spruce-pine-fir No. 2	2x6	10′-3″	9′-3″	8′-9″	8′-1″
Spruce-pine-fir No. 2	2x8	13′-6″	12′-3″	11′-5″	10′-3″
Spruce-pine-fir No. 2	2x10	17′-2″	15′-4″	14′-0″	12′-6″
Spruce-pine-fir No. 2	2x12	20′-7″	17′-10″	16′-3″	14′-6″

Engineering estimates — confirm with your building code span tables.

Notes

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