

Nordic Open-I Joists

The use of Nordic Open-I joists is subject to the following conditions:

1. Hole locations provided below apply to simple-span residential floor construction with a specified live load of 40 psf and a specified dead load of 35 psf. Hole locations are based on uniform loads. Cantilevers are not permitted.
2. Maximum joist spacing shall be limited to 16 inches. For a specified dead load of 15 psf, the maximum joist spacing may be 19.2 inches.
3. Lengths indicated below are the total lengths of the product and are not maximum spans. Maximum span must be verified by the designer. Trimming is only permitted inside the indicated trim zone.
4. Additional holes of 1-1/2 inch or less are permitted under certain conditions; refer to the Nordic Joist installation guide (NS-GI31).
5. Minimum bearing length shall be 1-3/4 inch.
6. This technical note is based on IBC 2021 and NDS 2018.
7. For any other conditions, contact Nordic Structures.

Table 1 - Product Availability and Hole Diameters

Joist depth	Joist series			Hole diameter (in.)
	NI-40x	NI-60	NI-80	
9-1/2"	x	x	x	6
11-7/8"	x	x	x	8
14"	x	x	x	8
16"		x	x	8

Hole Locations

