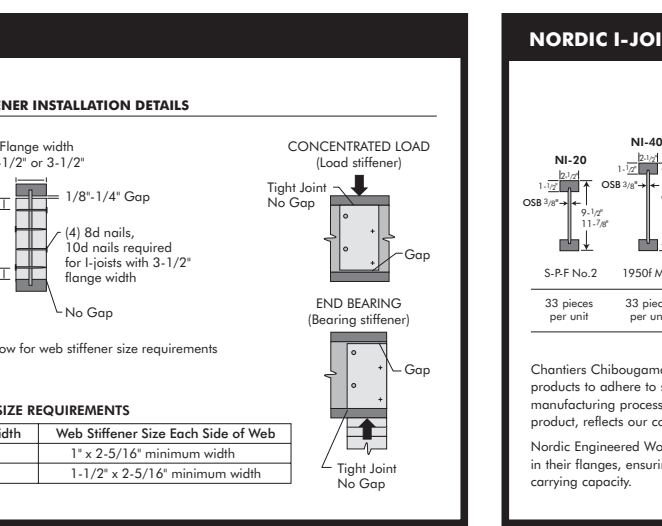


ALLOWABLE SPANS FOR NORDIC I-JOISTS										
SIMPLE AND MULTIPLE SPANS										
Joist Depth		Joist Series	Simple Spans				Multiple Spans			
			On Center Spacing				On Center Spacing			
			12'	16'	19.2'	24'	12'	16'	19.2'	24'
9-1/2"	Ni-20	16-7'	15-3'	14-5'	13-6'	18-1'	16-7'	15-8'	13-5'	
	Ni-40x	18-8'	17-0'	16-1'	15-0'	20-4'	18-5'	16-10'	15-0'	
	Ni-60	18-11'	17-4'	16-4'	15-3'	20-8'	18-10'	17-9'	16-7'	
	Ni-80	20-6'	18-9'	17-8'	16-5'	22-4'	20-4'	19-2'	17-8'	
	Ni-100	20-11'	19-1'	18-0'	16-9'	22-9'	20-9'	19-6'	18-2'	
11-7/8"	Ni-20	19-11'	18-3'	17-3'	16-1'	21-8'	19-10'	17-7'	14-2'	
	Ni-40x	22-2'	20-3'	19-2'	17-2'	24-2'	21-0'	19-2'	17-1'	
	Ni-60	22-8'	20-8'	19-6'	18-2'	24-8'	22-6'	21-1'	19-8'	
	Ni-80	24-5'	22-5'	21-0'	19-7'	26-8'	24-5'	22-10'	21-3'	
	Ni-100	24-11'	22-8'	21-4'	19-11'	27-1'	24-8'	23-3'	21-7'	
14"	Ni-20	25-9'	23-6'	22-1'	20-7'	28-1'	25-4'	24-1'	22-4'	
	Ni-40x	25-2'	23-1'	21-2'	18-11'	28-8'	25-3'	21-1'	18-10'	
	Ni-60	25-9'	23-6'	22-2'	20-8'	28-8'	25-7'	24-1'	21-7'	
	Ni-80	27-2'	25-0'	23-9'	22-5'	29-9'	27-6'	25-10'	23-9'	
	Ni-100	28-3'	25-9'	24-3'	22-7'	30-1'	28-0'	26-5'	24-6'	
16"	Ni-20	29-4'	26-9'	25-2'	23-5'	32-0'	29-1'	27-5'	25-5'	
	Ni-40x	28-6'	26-4'	24-7'	22-10'	31-1'	28-5'	26-9'	24-9'	
	Ni-60	30-8'	28-1'	26-4'	24-7'	33-5'	30-5'	27-9'	25-9'	
	Ni-80	31-4'	28-6'	26-10'	25-0'	34-1'	31-3'	29-3'	27-3'	
	Ni-100	32-7'	29-8'	27-11'	26-0'	35-6'	32-3'	30-5'	28-3'	



back block (use if hanger load exceeds 250 lbs)
installing a backer block to a double I-joint, drive three
equal 10d nails through the webs and filler block where
center block will fit. Clinch. Install backer tight to top
Use twelve 10d nails, clinched when possible. Maximum
nails for hanger for this detail = 1280 lbs

header
mount

Note: Unless hanger sides
laterally support the top
flange, bearing stiffeners
shall be used.

Backer block required
(both sides for face-mount
hangers)

capacity see hanger manufacturer's recommendations.
1-pc capacity to support concentrated loads.

LOCKS (Blocks must be long enough to permit required
cut splitting)

Width	Material Thickness Required*	Minimum Depth**
1"	1"	5-1/2"
1-1/2"	1-1/2"	7-1/4"

grade for backer block material shall be Utility
F (soft) or better for solid saw lumber and Rated
grade for wood structural products
mount hangers use net depth minus 3-1/4"
1-1/2" thick flanges. For 2" thick flanges use net depth
4"

1s

One 8d box nail at top and bottom flange
- Rim board
- Two 8d box nails from each web
to lumber piece
2x4 min. (1/8" gap minimum)
Two 8d box nails
from each web
to lumber piece
1-joint blocking panel
One 8d box nail, one side only
8d box nails at 6" o.c.

Note: In some local codes, blocking is prescriptively
required in the first joint space (or first and second joint
space) next to the starter joint. Where required, see local
code requirements for spacing of the blocking.

