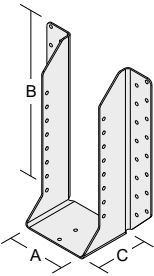


Hangers

Selection Table – Allowable Stress Design

Axonometry	Number	Member dimensions			Hanger dimensions				Fasteners ^(a, b)		Capacities ^(c)			
		b	d _{min}	d _{max}	A	B	C	t	Face	Joist	Nordic Lam		Nordic X-Lam	
		(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(nb - ø)	(nb - ø)	Uplift ^(d)	Normal ^(e)	Uplift ^(d)	Normal ^(e)
Hangers with annular ring nails														
	sE011	3-3/8	8-3/4	12-1/2	3-1/2	8-5/8	4-3/8	1/8	16 - 6.0	8 - 6.0	2,158	3,192	1,933	2,833
	sE012	3-3/8	14-1/4	21-1/2	3-1/2	14-1/8	4-3/8	1/8	32 - 6.0	16 - 6.0	4,339	6,385	3,867	5,688
	sE013	3-3/8	19-3/4	29	3-1/2	18	4-3/8	1/8	44 - 6.0	24 - 6.0	6,519	8,295	5,800	5,890
	sE014	3-3/8	23-1/2	36-1/4	3-1/2	22-3/4	4-3/8	1/8	56 - 6.0	32 - 6.0	8,700	8,295	7,733	5,890
	sE015	5-3/8	8-3/4	12-1/2	5-1/2	8-5/8	4-3/8	1/8	16 - 6.0	8 - 6.0	2,540	3,192	2,271	2,833
	sE016	5-3/8	14-1/4	21-1/2	5-1/2	14-1/8	4-3/8	1/8	32 - 6.0	16 - 6.0	5,103	6,385	4,541	5,688
	sE017	5-3/8	19-3/4	29	5-1/2	18	4-3/8	1/8	42 - 6.0	24 - 6.0	7,666	8,385	6,812	7,464
	sE018	5-3/8	23-1/2	36-1/4	5-1/2	22-3/4	4-3/8	1/8	54 - 6.0	32 - 6.0	10,229	10,791	9,082	9,375
	sE019	7-1/4	8-3/4	12-1/2	7-3/8	8-5/8	4-3/8	1/8	16 - 6.0	8 - 6.0	2,540	3,192	2,271	2,833
	sE020	7-1/4	14-1/4	21-1/2	7-3/8	14-1/8	4-3/8	1/8	32 - 6.0	16 - 6.0	5,103	6,385	4,541	5,688
	sE021	7-1/4	19-3/4	29	7-3/8	18	4-3/8	1/8	42 - 6.0	24 - 6.0	7,666	8,385	6,812	7,464
	sE022	7-1/4	23-1/2	36-1/4	7-3/8	22-3/4	4-3/8	1/8	54 - 6.0	32 - 6.0	10,229	11,195	9,082	9,937

a) Annular ring nails: ø 6 mm x L 60 mm (without pre-drilling).

b) Leave a 1/8-inch clearance between the end of the supported element and the support element or hanger.

c) Capacities are based on Nordic products and are determined using calculations and/or static load tests. Testing is conducted under the supervision of an independent laboratory.

d) Uplift capacities are based on dry service conditions and a load duration factor, C_D , of 1.60. Reduce by a factor of 1.60 for normal duration of loading.

e) Normal capacities are based on dry service conditions and normal duration of loading. The perpendicular-to-grain splitting capacity and the capacity of the wood members shall be verified separately by the designer.

Notes:

1. Selection table for standard hangers; see shop drawings for manufacturing details. Concealed flanges are available on request.
2. For any other configuration, the design of the assembly must conform to the NDS and ANSI/AISC 360.
3. Additional requirements may apply for assemblies that require a fire-resistance rating.