

EZ CODE™ NAIL APPLICATIONS WITH AIR NAIL FASTENERS



Air Nail Fasteners – Standard diameter round heads, smooth shanks.



For load values, refer to the current Simpson Wood Construction Connectors catalog.

CAUTION: Nails must be placed with tool capable of precise hole locating. Do not overdrive nails. Contact Simpson Strong-Tie regarding overdriven nails policy.

MODEL	FASTENERS	
POST BASES		
ABA44	Air Nail .148 x 2½	U
ABA46	Air Nail .162 x 2½	X
ABA66	Air Nail .162 x 2½	X
ABU's	Air Nail .162 x 2½ to Plate	X
POST CAPS		
PC44-16	Air Nail .162 x 2½	X
PC66-16	Air Nail .162 x 2½	X
EPC44-16	Air Nail .162 x 2½	X
EPC66-16	Air Nail .162 x 2½	X
STRAPS		
CS16 ¹	Air Nail .131 x 1½ 95% Load	H
	Air Nail .131 x 2½	I
CMST14 ²	Air Nail .162 x 2½	X
ST12	Air Nail .162 x 2½	X
ST22	Air Nail .162 x 2½	X
ST6236	Air Nail .162 x 2½	X
ST6224	Air Nail .162 x 2½	X
ST6215	Air Nail .162 x 2½	X
LSTA's	Air Nail .148 x 2½	U
MST's	Air Nail .162 x 2½	X
MSTA's	Air Nail .148 x 2½	U
MSTI's	Air Nail .148 x 1½	Q
MSTC's	Air Nail .148 x 2½	U
TB36	Air Nail .148 x 1½	Q
TWIST STRAPS		
LTS's	Air Nail .148 x 2½ to Plate	U
	Air Nail .148 x 1½ to Plate	Q
MTS's	Air Nail .148 x 2½ to Plate	U
	Air Nail .148 x 1½ to Plate	Q
HTS's	Air Nail .148 x 2½ to Plate	U
	Air Nail .148 x 1½ to Plate	Q
HOLDOWNS		
LTT20B	Air Nail .162 x 2½	X
HTT16	Air Nail .162 x 2½	X
HTT22	Air Nail .148 x 2½	U
	Air Nail .162 x 2½	X

MODEL	FASTENERS	
EMBEDDED HOLDOWNS		
PA's	Air Nail .162 x 2½	X
PAHD's	Air Nail .162 x 2½	X
HPAHD's	Air Nail .162 x 2½	X
LSTHD's	Air Nail .148 x 2½	U
STHD's	Air Nail .148 x 2½	U
HURRICANE TIES AND SEISMIC TIES		
H1	Air Nail .131 x 1½ – Use 85% of the reduced uplift load in Simpson Catalog	H
	Air Nail .131 x 2½ 85% Load	I
H2	Air Nail .131 x 1½	H
	Air Nail .131 x 2½	I
H2.5	Air Nail .131 x 1½	H
H2.5A	Air Nail .131 x 1½ – Reduced load per Simpson Catalog	H
H5	Air Nail .131 x 1½	H
	Air Nail .131 x 2½	I
H8	Air Nail .148 x 1½	Q
H10	Air Nail .131 x 1½ 85% Load	H
H16	Air Nail .148 x 1½	Q
STUD PLATE TIES		
DSP	Air Nail .148 x 1½ – Reduced load per Simpson Catalog	Q
SSP	Air Nail .148 x 1½ – Reduced load per Simpson Catalog	Q
SP1 ³	Air Nail .148 x 2½	U
SP2 ³	Air Nail .148 x 2½	U
SP4	Air Nail .148 x 1½	Q
SPH4	Air Nail .148 x 1½	Q
RSP4	Air Nail .131 x 1½	H

Refer to Code Reports for nail bending yield strengths.

- ICBO-ES: ER-3540, ER-2403
- NES: NER-272
- City of LA: RR 23633

U = Nail head marking (typical)

Allowable nail substitutions for strap products:

- H .131 x 1½ = 8dx1½
- I .131 x 2½ = 8d common
- Q .148 x 1½ = 10dx1½
- U .148 x 2½ = 10d common
- U .148 x 2½ = 16d sinker
- X .162 x 2½ = 16d common

1. Use load and nail quantity for 8d nails.
2. Use load and nail quantity for 16d nails.
3. SP1 and SP2 require a 10d common hand nail for the slant nail.

800-999-5099
www.strongtie.com

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Printed in the USA

T-AIRNAIL06 4/06

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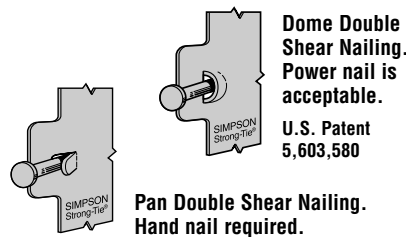


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MODEL	FASTENERS
WALL BRACING	
CWB's	Air Nail .162 x 2½ to Plate (X)
	Air Nail .131 x 2½ to Studs (I)
RCWB's	Air Nail .162 x 2½ to Plate (X)
	Air Nail .131 x 2½ to Studs (I)
HANGERS	
LUS24 ¹	Air Nail .148 x 2½ (U)
LUS26 ¹	Air Nail .148 x 2½ (U)
LUS28 ¹	Air Nail .148 x 2½ (U)
LUS210 ¹	Air Nail .148 x 2½ (U)
LUS410 ²	Air Nail .162 x 2½ (X)
LUS414 ²	Air Nail .162 x 2½ (X)
THA213 ³	Air Nail .148 x 2½ (U)
THA218 ³	Air Nail .148 x 2½ (U)
THA218-2 ³	Air Nail .162 x 2½ (X)
THA222-2 ³	Air Nail .162 x 2½ (X)
THA413 ³	Air Nail .148 x 2½ (U)
THA418 ³	Air Nail .162 x 2½ (X)
THA422 ³	Air Nail .162 x 2½ (X)
THA29 ³	Air Nail .148 x 2½ (U)
LSSU28 ⁴	Air Nail .148 x 2½ Header (U)
	Air Nail .148 x 1½ Joist (Q)
LSSU410 ⁴	Air Nail .162 x 2½ Header (X)
	Air Nail .148 x 1½ Joist (Q)
LSSU210 ⁴	Air Nail .148 x 2½ Header (U)
	Air Nail .148 x 1½ Joist (Q)
LSSUI25 ⁴	Air Nail .148 x 2½ Header (U)
	Air Nail .148 x 1½ Joist (Q)
LSSUI35 ⁴	Air Nail .148 x 2½ Header (U)
	Air Nail .148 x 1½ Joist (Q)

MODEL	FASTENERS
HANGERS (cont.)	
HU's & HUC's	Air Nail .162 x 2½ (X)
HUS ²	Air Nail .162 x 2½ (X)
HHUS26-2 ¹	Air Nail .162 x 2½ (X)
HHUS28-2 ¹	Air Nail .162 x 2½ (X)
HGUS26-2 ¹	Air Nail .162 x 2½ (X)
HGUS28-2 ¹	Air Nail .162 x 2½ (X)
HGUS26-3 ¹	Air Nail .162 x 2½ (X)
HGUS28-3 ¹	Air Nail .162 x 2½ (X)
LTHJR/L ²	Air Nail .148 x 2½ Header (U)
	Air Nail .148 x 1½ Hip Hand Nail (Q)
	Air Nail .148 x 1½ Jack Hand Nail (U)
	Air Nail .148 x 2½ Jack Hand Nail (Q)
LTHMA	Air Nail .148 x 1½ 2x Header (Q)
	Air Nail .148 x 2½ 2-2x Header (U)
	Air Nail .148 x 1½ Joist Hand Nail (Q)
FLOOR TIE ANCHORS	
LFTA	Air Nail .148 x 2½ (U)
FRAMING ANCHORS	
A35	Air Nail .131 x 1½ (H)
LTP4	Air Nail .131 x 1½ (H)
DTC	Air Nail .131 x 2½ (Q)
EMBEDDED TRUSS ANCHORS	
HETA's	Air Nail .148 x 1½ to Truss (Q)
META's	Air Nail .148 x 1½ to Truss (Q)
MUDSILL ANCHORS	
MAS's	Air Nail .148 x 1½ to Plate (Q)
MAB's	Air Nail .148 x 1½ to Plate (Q)

- Notes 1 through 5 apply only to Double Shear Slant Nailing (LUS, THA, LTHJR/L, HHUS, HGUS, and HUS)**
 Use 10d/16d common double shear nails as required in the current Wood Construction Connectors catalog for full allowable loads. Hand installation is required.
1. There is a 15% reduction for down load and 25% reduction for uplift load.
 2. There is a 25% reduction for down load and 30% reduction for uplift load.
 3. There is a 10% reduction for uplift load. Face mount only application.
 4. Slope only applications.



When using ZMAX/HDG connectors in contact with pressure treated wood, use hot-dip galvanized fasteners that conform to ASTM A153. See www.strongtie.com/info for proper use, limitations, warnings, warranties, and additional information regarding use for exterior applications and use with pressure treated wood.



This information is updated periodically; contact Simpson for current information and limited warranty or see www.strongtie.com.

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