



TRUESPEC™ NAIL IDENTIFICATION SYSTEM APPLICATIONS WITH HALSTEEL FASTENERS

Halsteel Fasteners – Standard diameter round heads, smooth-coated mechanically driven nails.

For load values, product information and limited warranty 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	Halsteel .148 x 2½ HT	4H Green
ABA46	Halsteel .162 x 2½ HT	6H Orange
ABA66	Halsteel .162 x 2½ HT	6H Orange
ABU's	Halsteel .162 x 2½ HT	6H Orange
POST CAPS		
PC44-16	Halsteel .162 x 2½ HT	6H Orange
PC66-16	Halsteel .162 x 2½ HT	6H Orange
EPC44-16	Halsteel .162 x 2½ HT	6H Orange
EPC66-16	Halsteel .162 x 2½ HT	6H Orange
STRAPS		
CS16 ¹	Halsteel .131 x 1½ HT 95% Load	3H Black
	Halsteel .131 x 2½ HT	3H Blue
CMST14 ²	Halsteel .162 x 2½ HT	6H Orange
ST12	Halsteel .162 x 2½ HT	6H Orange
ST22	Halsteel .162 x 2½ HT	6H Orange
ST6236	Halsteel .162 x 2½ HT	6H Orange
ST6224	Halsteel .162 x 2½ HT	6H Orange
ST6215	Halsteel .162 x 2½ HT	6H Orange
LSTA's	Halsteel .148 x 2½ HT	4H Green
MST's	Halsteel .162 x 2½ HT	6H Orange
MSTA's	Halsteel .148 x 2½ HT	4H Green
MSTI's	Halsteel .148 x 1½ HT	4H Purple
MSTC's	Halsteel .148 x 2½ HT	4H Green
TB36	Halsteel .148 x 1½ HT	4H Purple
TWIST STRAPS		
LTS's	Halsteel .148 x 2½ HT	4H Green
	Halsteel .148 x 1½ HT	4H Purple
MTS's	Halsteel .148 x 2½ HT	4H Green
	Halsteel .148 x 1½ HT	4H Purple
HTS's	Halsteel .148 x 2½ HT	4H Green
	Halsteel .148 x 1½ HT	4H Purple
TS22	Halsteel .162 x 2½ HT	6H Orange
HOLDOWNS		
LTT20B	Halsteel .162 x 2½ HT	6H Orange
HTT16	Halsteel .162 x 2½ HT	6H Orange
HTT22	Halsteel .148 x 2½ HT	4H Green
	Halsteel .162 x 2½ HT	6H Orange

MODEL	FASTENERS	
EMBEDDED HOLDOWNS		
PA's	Halsteel .162 x 2½ HT	6H Orange
PAHD's	Halsteel .162 x 2½ HT	6H Orange
HPAHD's	Halsteel .162 x 2½ HT	6H Orange
LSTHD's	Halsteel .148 x 2½ HT	4H Green
STHD's	Halsteel .148 x 2½ HT	4H Green
HURRICANE TIES AND SEISMIC TIES		
H1	Halsteel .131 x 1½ HT – Use 85% of the reduced uplift load in Simpson Catalog	3H Black
	Halsteel .131 x 2½ HT 85% Load	3H Blue
H2	Halsteel .131 x 1½ HT	3H Black
	Halsteel .131 x 2½ HT	3H Blue
H2.5	Halsteel .131 x 1½ HT	3H Black
H2.5A	Halsteel .131 x 1½ HT – Reduced load per Simpson Catalog	3H Black
H5	Halsteel .131 x 1½ HT	3H Black
	Halsteel .131 x 2½ HT	3H Blue
H8	Halsteel .148 x 1½ HT	4H Purple
H10	Halsteel .131 x 1½ HT 85% Load	3H Black
H16	Halsteel .148 x 1½ HT	4H Purple
STUD PLATE TIES		
DSP	Halsteel .148 x 1½ HT – Reduced load per Simpson Catalog	4H Purple
SSP	Halsteel .148 x 1½ HT – Reduced load per Simpson Catalog	4H Purple
SP1 ³	Halsteel .148 x 2½ HT	4H Green
SP2 ³	Halsteel .148 x 2½ HT	4H Green
SP4	Halsteel .148 x 1½ HT	4H Purple
SPH4	Halsteel .148 x 1½ HT	4H Purple
RSP4	Halsteel .131 x 1½ HT	3H Black

ICBO Evaluation Report:

- ESR-1768 – Nail bending yield strengths may be higher than shown in the code report due to post heat treating.

Refer to ICC-ES Report for nail bending yield strengths.

6H Orange = Nail Head marking (typical)

Allowable nail substitutions for strap products:

- 3H Black .131 x 1½ = 8dx1½
- 3H Blue .131 x 2½ = 8d common
- 4H Purple .148 x 1½ = 10dx1½
- 4H Green .148 x 2½ = 10d common
- 4H Green .148 x 2½ = 16d sinker
- 6H Orange .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.



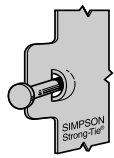
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APPLICATIONS WITH HALSTEEL FASTENERS**

For load values, product information and limited warranty refer to the current Simpson *Wood Construction Connectors* catalog.

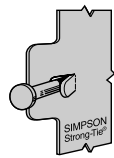


MODEL	FASTENERS	
WALL BRACING		
CWB's	Halsteel .162 x 2½ HT to Plate	6H Orange
	Halsteel .131 x 2½ HT to Studs	3H Blue
RCWB's	Halsteel .162 x 2½ HT to Plate	6H Orange
	Halsteel .131 x 2½ HT to Studs	3H Blue
HANGERS		
LUS24 ¹	Halsteel .148 x 2½ HT	4H Green
LUS26 ¹	Halsteel .148 x 2½ HT	4H Green
LUS28 ¹	Halsteel .148 x 2½ HT	4H Green
LUS210 ¹	Halsteel .148 x 2½ HT	4H Green
LUS410 ⁴	Halsteel .162 x 2½ HT	6H Orange
LUS414 ⁴	Halsteel .162 x 2½ HT	6H Orange
THA213 ⁵	Halsteel .148 x 2½ HT	4H Green
THA218 ⁵	Halsteel .148 x 2½ HT	4H Green
THA218-2 ⁵	Halsteel .162 x 2½ HT	6H Orange
THA222-2 ⁵	Halsteel .162 x 2½ HT	6H Orange
THA413 ⁵	Halsteel .148 x 2½ HT	4H Green
THA418 ⁵	Halsteel .162 x 2½ HT	6H Orange
THA422 ⁵	Halsteel .162 x 2½ HT	6H Orange
THA29 ⁵	Halsteel .148 x 2½ HT	4H Green
LSSU28 ⁶	Halsteel .148 x 2½ HT Header	4H Green
	Halsteel .148 x 1½ HT Joist	4H Purple
LSSU410 ⁶	Halsteel .162 x 2½ HT Header	6H Orange
	Halsteel .148 x 1½ HT Joist	4H Purple
LSSU210 ⁶	Halsteel .148 x 2½ HT Header	4H Green
	Halsteel .148 x 1½ HT Joist	4H Purple
LSSU125 ⁶	Halsteel .148 x 2½ HT Header	4H Green
	Halsteel .148 x 1½ HT Joist	4H Purple
LSSU135 ⁶	Halsteel .148 x 2½ HT Header	4H Green
	Halsteel .148 x 1½ HT Joist	4H Purple

MODEL	FASTENERS	
HANGERS (cont.)		
HU's & HUC's	Halsteel .162 x 2½ HT	6H Orange
HUS ²	Halsteel .162 x 2½ HT	6H Orange
HHUS26-2 ¹	Halsteel .162 x 2½ HT	6H Orange
HHUS28-2 ¹	Halsteel .162 x 2½ HT	6H Orange
HGUS26-2 ³	Halsteel .162 x 2½ HT	6H Orange
HGUS28-2 ³	Halsteel .162 x 2½ HT	6H Orange
HGUS26-3 ³	Halsteel .162 x 2½ HT	6H Orange
HGUS28-3 ³	Halsteel .162 x 2½ HT	6H Orange
LTHJR/L ²	Halsteel .148 x 2½ HT Header	4H Green
	Halsteel .148 x 1½ HT Hip Hand Nail	4H Purple
	Halsteel .148 x 1½ HT Jack Hand Nail	4H Purple
	Halsteel .148 x 2½ HT Jack Hand Nail	4H Green
LTHMA	Halsteel .148 x 1½ HT 2x Header	4H Purple
	Halsteel .148 x 2½ HT 2-2x Header	4H Green
	Halsteel .148 x 1½ HT Joist Hand Nail	4H Purple
FLOOR TIE ANCHORES		
LFTA	Halsteel .148 x 2½ HT	4H Green
FRAMING ANCHORS		
A35	Halsteel .131 x 1½ HT	3H Black
LTP4	Halsteel .131 x 1½ HT	3H Black
DTC	Halsteel .131 x 2½ HT	3H Blue
EMBEDDED TRUSS ANCHORS		
HETA's	Halsteel .148 x 1½ HT to Truss	4H Purple
META's	Halsteel .148 x 1½ HT to Truss	4H Purple
MUDSILL ANCHORS		
MAS's	Halsteel .148 x 1½ HT to Plate	4H Purple
MAB's	Halsteel .148 x 1½ HT to Plate	4H Purple



Dome Double Shear Nailing
Power nail is acceptable.
U.S. Patent 5,603,580



Pan Double Shear Nailing.
Hand nail required.

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 10% reduction for down and uplift load.
2. There is a 15% reduction for down and uplift load.
3. There is a 5% reduction for down load and 15% reduction for uplift load.
4. There is a 10% reduction for down load and 20% reduction for uplift load.
5. There is a 10% reduction for uplift load. Face mount only application.
6. 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 bulletin is effective until January 31, 2011, and reflects information available as of February 1, 2007. This information is updated periodically and should not be relied upon after January 31, 2011; contact Simpson for current information and limited warranty or see www.strongtie.com.

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