Wood shim material and attachment per Designer

Use a minimum of (2) 8d nails on this side of truss (total (4) 8d nails into truss)

(2) 8d nails into plates

(8) 8d nails into studs

MTS12

(LTS, HTS similar)

LGT2

H7Z

H2A

Plate nails for lateral loads only

Multiple nail holes allow stud to be offset 1" from rafter. See footnote 2.

Model No. | Qty. Req. | To Truss/Rafter | To Stud | To Plate |
--- | --- | --- | --- | --- |
H2ASS | 1 | (5) SSN8 | (6) SSN8 | (2) SSN8 |
H2A | 1 | (5) 8d×1½" | (5) 8d×1½" | (2) 8d×1½" |
LTS12 | 1 | (6) 10d×1½" | (6) 10d×1½" | |
H7Z | 1 | (4) 8d | (6) 8d | (2) 8d |
MTS12 | 1 | (7) 10d×1½" | (7) 10d×1½" | Footnote 1 |
MTS20 | 1 | (7) 10d×1½" | (7) 10d×1½" | Footnote 1 |
H10S | 1 | (8) 8d×1½" | (8) 8d | (8) 8d×1½" |
H2A | 2 | (10) 8d×1½" | (10) 8d×1½" | (4) 8d×1½" |
HTS20 | 1 | (12) 10d×1½" | (12) 10d×1½" | Footnote 1 |
LGT2 | 1 | (16) 16d Sinkers | (14) 16d Sinkers | Footnote 4 |

DF/SP Allowable Loads

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<tr>
<th>Uplift</th>
<th>Parallel to Plate (F1)</th>
<th>Perp. to Plate (F2)</th>
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<td>(160)</td>
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SPF Allowable Loads

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1. When installing MTS and HTS connectors, the following installation instructions are required for the lateral loads to apply. The first 7 nail holes after the bend area must be filled with 10d×1½" nails. This applies to straps on either side of bend area. All additional fasteners may be installed in any remaining strap holes.

2. H10S can have the stud offset a maximum of 1" from rafter (center to center) for a reduced uplift of 890 lbs. (DF/SP) and 765 lbs. (SPF).

3. H10S nails to plates are optional for uplift but required for lateral loads.

4. LGT2—F1 load = 700 lb.; F2 load = 170 lb. with optional installation of (4) 16d sinkers optional nail holes.

5. LGT2—two-ply member required – attached members must be designed to resist applied loads.

6. Twist straps do not have to be wrapped over the truss to achieve the load.

7. The load capacities of stainless-steel connections match those of carbon-steel connectors when installed with Simpson Strong-Tie® stainless-steel, ring-shank nails.