

**DESIGN FEATURES**

Provide proper balance between load-carrying capacity of hanger and the truss it supports.

**MATERIAL**

18ga. galvanized steel. Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

**LOADS**

Larger seat-bearing and designed direct nailing provide proper installation of all nails into joist hangers.

**CODES**

ICC ESR-2556

**NOTES**

1. Allowable loads are for hangers nailed into wood or structural composite lumber having an effective specific gravity of 0.55 (such as Southern Pine) or greater.

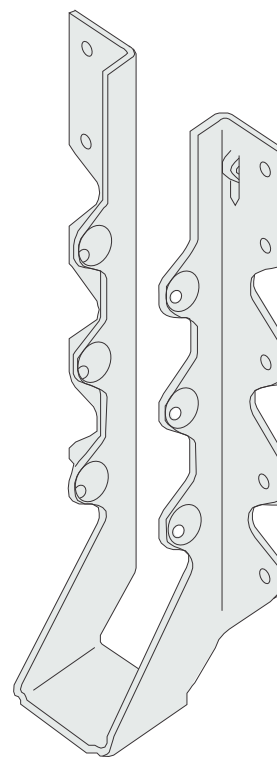
2. Allowable uplift loads have been adjusted by a load duration factor CD, of 1.6 (160%), corresponding to the typical duration of wind and earthquake loads.

3. Allowable gravity (bearing) loads have been adjusted by load duration factors, CD, of 1.0 (100%), 1.15 (115%), and 1.25 (125%), corresponding to the typical durations of occupancy live loads, snow loads and construction loads, respectively.

4. Tabulated loads are without 33% steel stress increase.

5. Joist nails must be driven at a 45 to degree angle through the joist into the header/beam (double shear nailing) to achieve the tabulated loads.

6. Allowable uplift loads have been increased for wind or earthquake loading with no further increase allowed. The allowable uplift loads must be reduced when other load durations govern.



| ITEM ID | REF    | JOIST SIZE | DIMENSIONS <sup>1</sup> |         |        | NAIL SCHEDULE <sup>2</sup> |        | ALLOWABLE LOADS <sup>3,4</sup> (LBS) |                     |                      |                      |
|---------|--------|------------|-------------------------|---------|--------|----------------------------|--------|--------------------------------------|---------------------|----------------------|----------------------|
|         |        |            |                         |         |        |                            |        | UPLIFT <sup>6</sup>                  |                     | DOWNLOAD             |                      |
|         |        |            | W                       | H       | B      | Joist <sup>5</sup>         | Header | C <sub>D</sub> =1.6                  | C <sub>D</sub> =1.0 | C <sub>D</sub> =1.15 | C <sub>D</sub> =1.25 |
| ALUS24  | LUS24  | 2x4        | 1-9/16"                 | 3-5/16" | 1-1/2" | 2-10d                      | 4-10d  | 620                                  | 710                 | 810                  | 875                  |
| ALUS26  | LUS26  | 2x6        | 1-9/16"                 | 4-7/8"  | 1-1/2" | 4-10d                      | 6-10d  | 1145                                 | 1180                | 1350                 | 1460                 |
| ALUS28  | LUS28  | 2x8        | 1-9/16"                 | 6-1/2"  | 1-1/2" | 6-10d                      | 8-10d  | 1830                                 | 1655                | 1765                 | 1765                 |
| ALUS210 | LUS210 | 2x10       | 1-9/16"                 | 7-1/2"  | 1-1/2" | 6-10d                      | 10-10d | 1830                                 | 1815                | 1815                 | 1815                 |

