

## Light Duty Face-Mount Hangers

### CDLTH

Combine greater strength with maximum economy. Prongs secure CDLTH hangers to header for fast, easy nailing. Economical price and ease-of-use make these an ideal hanger for the do-it-yourself market.

### Product Data & Ordering Information:

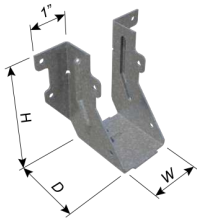
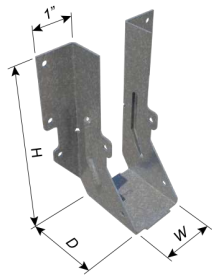
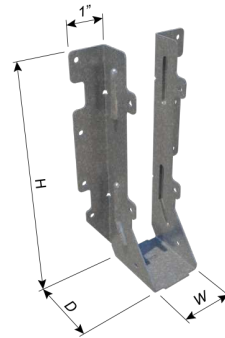
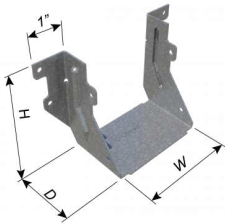
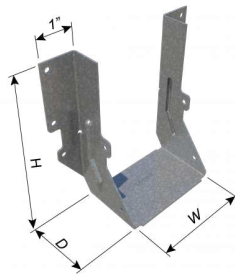
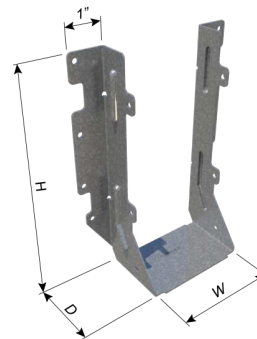
|                    |  |
|--------------------|--|
| <b>Material</b>    | Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)  |
| <b>Coating</b>     | G90 (Z275) hot-dipped galvanized coating (G185 available on CDLTH24-2, CDLTH26-2 & CDLTH28-2 only) |
| <b>Thickness</b>   | 20ga (33mil), 0.0346" Design thickness, 0.0329" Minimum thickness                                  |
| <b>Joist sizes</b> | Singles and Doubles, 2x4, 2x6, 2x8   |



### Code Approvals & Performance Standards

- **ASTM A653** Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
- **ASTM A1003** Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members
- **ICC-ES ESR-5062** Evaluation report for joist hangers
- **SDS For ASTM A1003 Steel Framing Products** For Interior Framing, Exterior Framing and Clips/Accessories

| Product code | Pcs/Ctn | Lbs/Pc |
|--------------|---------|--------|
| CDLTH24      | 100     | 0.18   |
| CDLTH24-2    | 100     | 0.25   |
| CDLTH26      | 100     | 0.27   |
| CDLTH26-2    | 80      | 0.37   |
| CDLTH28      | 80      | 0.35   |
| CDLTH28-2    | 50      | 0.46   |


**CDLTH24**

**CDLTH26**

**CDLTH28**

**CDLTH24-2**

**CDLTH26-2**

**CDLTH28-2**

**Allowable Loads (lbs)**
**Spruce Pine-Fir (0.42 Specific Gravity)**

| Product Code | Fastening               | Total Supported Breadth (in) | Gauge | Hanger Dimension (in) |                |               | Common Nail Type Fasteners |            |             |                 |           | Allowable Loads (lbs) |                      |                      |
|--------------|-------------------------|------------------------------|-------|-----------------------|----------------|---------------|----------------------------|------------|-------------|-----------------|-----------|-----------------------|----------------------|----------------------|
|              |                         |                              |       | Clear Width           | Overall Height | Overall Depth | Joist Size                 | Joist Qty. | Header Size | Header Quantity |           | Downward              |                      |                      |
|              |                         |                              |       |                       |                |               |                            |            |             | @ 90 deg.       | @ 45 deg. | C <sub>D</sub> =1.00  | C <sub>D</sub> =1.15 | C <sub>D</sub> =1.25 |
| CDLTH24      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 4               | 0         | 285                   | 285                  | 285                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 4               | 0         | 285                   | 285                  | 285                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 4               | 2         | 415                   | 415                  | 415                  |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 4               | 2         | 415                   | 415                  | 415                  |
| CDLTH26      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 6               | 0         | 465                   | 465                  | 465                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 6               | 0         | 465                   | 465                  | 465                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 6               | 2         | 670                   | 670                  | 670                  |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 6               | 2         | 670                   | 670                  | 670                  |
| CDLTH28      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 0         | 795                   | 910                  | 930                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 0         | 795                   | 910                  | 930                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 4         | 830                   | 830                  | 830                  |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 4         | 830                   | 830                  | 830                  |
| CDLTH28-2    | Unenhanced              | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 0         | 795                   | 910                  | 990                  |
|              | Enhanced Joist          | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 0         | 795                   | 910                  | 990                  |
|              | Enhanced Header         | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 4         | 995                   | 995                  | 995                  |
|              | Enhanced Joist & Header | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 4         | 995                   | 995                  | 995                  |

**Douglas Fir-Larch (0.50 Specific Gravity)**

| Product Code | Fastening               | Total Supported Breadth (in) | Gauge | Hanger Dimension (in) |                |               | Common Nail Type Fasteners |            |             |                 |           | Allowable Loads (lbs) |                      |                      |
|--------------|-------------------------|------------------------------|-------|-----------------------|----------------|---------------|----------------------------|------------|-------------|-----------------|-----------|-----------------------|----------------------|----------------------|
|              |                         |                              |       | Clear Width           | Overall Height | Overall Depth | Joist Size                 | Joist Qty. | Header Size | Header Quantity |           | Downward              |                      |                      |
|              |                         |                              |       |                       |                |               |                            |            |             | @ 90 deg.       | @ 45 deg. | C <sub>D</sub> =1.00  | C <sub>D</sub> =1.15 | C <sub>D</sub> =1.25 |
| CDLTH24      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 4               | 0         | 460                   | 490                  | 490                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 4               | 0         | 460                   | 490                  | 490                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 4               | 2         | 605                   | 605                  | 605                  |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 4               | 2         | 605                   | 605                  | 605                  |
| CDLTH26      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 6               | 0         | 695                   | 760                  | 760                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 6               | 0         | 695                   | 760                  | 760                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 6               | 2         | 900                   | 900                  | 900                  |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 6               | 2         | 900                   | 900                  | 900                  |
| CDLTH28      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 4         | 1035                  | 1035                 | 1035                 |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 4         | 1035                  | 1035                 | 1035                 |
| CDLTH28-2    | Unenhanced              | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Joist          | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Header         | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 4         | 985                   | 985                  | 985                  |
|              | Enhanced Joist & Header | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 4         | 985                   | 985                  | 985                  |

**Southern Pine (0.55 Specific Gravity)**

| Product Code | Fastening               | Total Supported Breadth (in) | Gauge | Hanger Dimension (in) |                |               | Common Nail Type Fasteners |            |             |                 |           | Allowable Loads (lbs) |                      |                      |
|--------------|-------------------------|------------------------------|-------|-----------------------|----------------|---------------|----------------------------|------------|-------------|-----------------|-----------|-----------------------|----------------------|----------------------|
|              |                         |                              |       | Clear Width           | Overall Height | Overall Depth | Joist Size                 | Joist Qty. | Header Size | Header Quantity |           | Downward              |                      |                      |
|              |                         |                              |       |                       |                |               |                            |            |             | @ 90 deg.       | @ 45 deg. | C <sub>D</sub> =1.00  | C <sub>D</sub> =1.15 | C <sub>D</sub> =1.25 |
| CDLTH24      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 4               | 0         | 460                   | 490                  | 490                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 4               | 0         | 460                   | 490                  | 490                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 4               | 2         | 605                   | 605                  | 605                  |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 3-3/16         | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 4               | 2         | 605                   | 605                  | 605                  |
| CDLTH26      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 6               | 0         | 695                   | 760                  | 760                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 6               | 0         | 695                   | 760                  | 760                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 6               | 2         | 900                   | 900                  | 900                  |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 4-3/4          | 2-1/4         | 10dx1.5"                   | 4          | 10dx1.5"    | 6               | 2         | 900                   | 900                  | 900                  |
| CDLTH28      | Unenhanced              | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Joist          | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Header         | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 4         | 1035                  | 1035                 | 1035                 |
|              | Enhanced Joist & Header | 1.5                          | 20    | 1-9/16                | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 4         | 1035                  | 1035                 | 1035                 |
| CDLTH28-2    | Unenhanced              | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Joist          | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 0         | 925                   | 985                  | 985                  |
|              | Enhanced Header         | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 2          | 10dx1.5"    | 8               | 4         | 985                   | 985                  | 985                  |
|              | Enhanced Joist & Header | 3                            | 20    | 3-1/8                 | 6-11/16        | 2-1/4         | 10dx1.5"                   | 6          | 10dx1.5"    | 8               | 4         | 985                   | 985                  | 985                  |

**Notes:**

For SI: 1 inch = 25.4 mm, 1 pound (lb) = 4.45 N

1 See images for hanger dimensions.

2 Refer to Section 3.2.3 of ESR-5062 for nail sizes and the required minimum physical properties.

 3 The tabulated allowable loads have been adjusted for the load duration factors, C<sub>D</sub>, as shown, in accordance with the NDS. The tabulated allowable loads do not apply to loads of other load durations, and are not allowed to be adjusted for other load durations. See Sections 4.1 and 4.2 of ESR-5062 for additional design and installation requirements.

 4 The tabulated allowable loads are for installations on wood members complying with Section 3.2.1 of the ESR-5062 report. Wood members must also have a reference compressive perpendicular to grain design value, F<sub>c-perp</sub>, respectively for the wood species noted in the table.



Hangers

06.00.00 (Wood, Plastics and Composites)



CDLTH24 Unenhanced Fastening



CDLTH24 Enhanced Joist Fastening



CDLTH24 Enhanced Header Fastening



CDLTH24 Enhanced Joist & Header Fastening



CDLTH26 Unenhanced Fastening



CDLTH26 Enhanced Joist Fastening



CDLTH26 Enhanced Header Fastening



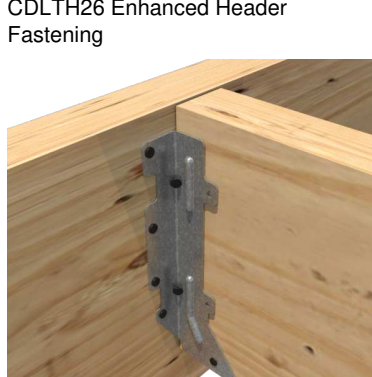
CDLTH26 Enhanced Joist & Header Fastening



CDLTH28 Unenhanced Fastening



CDLTH28 Enhanced Joist Fastening



CDLTH28 Enhanced Header Fastening



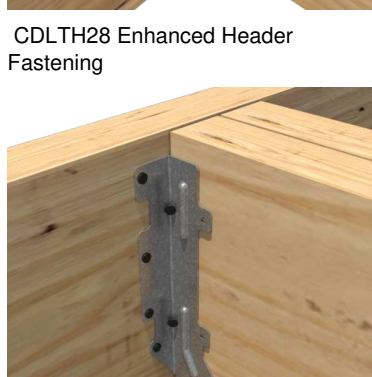
CDLTH28 Enhanced Joist & Header Fastening



CDLTH28-2 Unenhanced Fastening



CDLTH28-2 Enhanced Joist Fastening



CDLTH28-2 Enhanced Header Fastening



CDLTH28-2 Enhanced Joist & Header Fastening