

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:

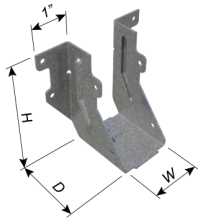
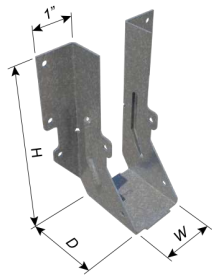
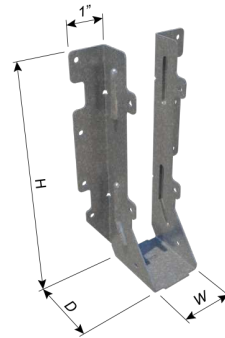
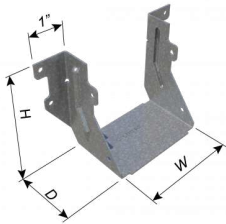
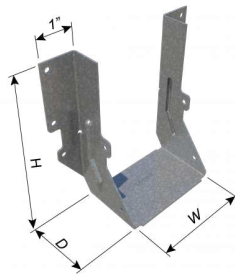
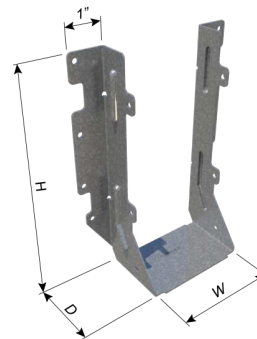
Material	Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)
Coating	G90 (Z275) hot-dipped galvanized coating (G185 available on CDLTH24-2, CDLTH26-2 & CDLTH28-2 only)
Thickness	20ga (33mil), 0.0346" Design thickness, 0.0329" Minimum thickness
Joist sizes	Singles and Doubles, 2x4, 2x6, 2x8



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 _D =1.00	C _D =1.15	C _D =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 _D =1.00	C _D =1.15	C _D =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 _D =1.00	C _D =1.15	C _D =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_D, 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_{c-perp}, 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



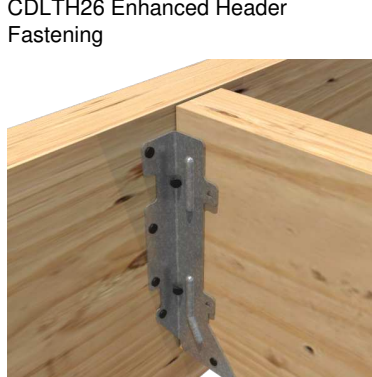
CDLTH26 Enhanced Joist & Header Fastening



CDLTH28 Unenhanced Fastening



CDLTH28 Enhanced Joist Fastening



CDLTH28 Enhanced Header Fastening



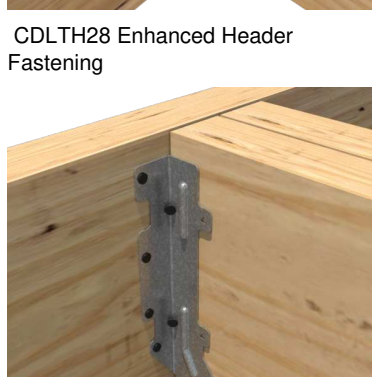
CDLTH28 Enhanced Joist & Header Fastening



CDLTH28-2 Unenhanced Fastening



CDLTH28-2 Enhanced Joist Fastening



CDLTH28-2 Enhanced Header Fastening



CDLTH28-2 Enhanced Joist & Header Fastening