

Light Duty Face-Mount Hangers

CDLTH's 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.

MATERIAL SPECIFICATIONS

Gauge: 20ga (33mil)

Design Thickness: 0.0346 inches

Coating: G90 (Z275) hot-dipped galvanized coating

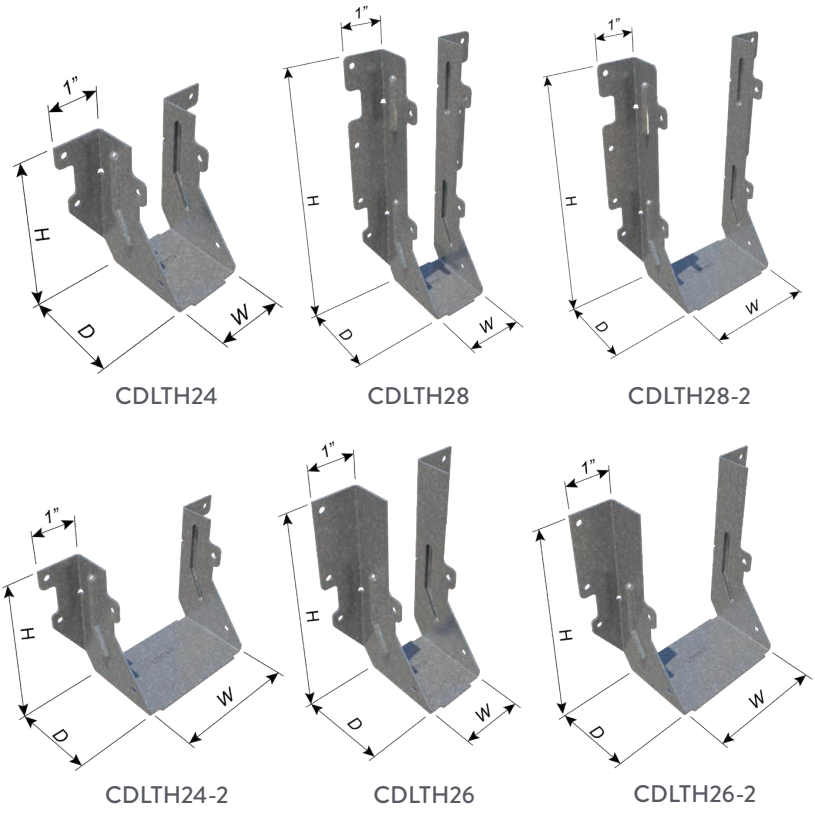
Yield Strength: Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)

PRODUCT DIMENSIONS

JOIST SIZES: Singles and Doubles, 2x4, 2x6, 2x8

CODE REPORT

- ICC-ES ESR-5062 (Excluding CDLTH24-2 & CDLTH26-2)



Light Duty Face-Mount Hangers (CDLTH)

Spruce Pine-Fir (0.42 Specific Gravity)

Product Code	Fastening	Total Supported Breadth (in)	Gauge	Hanger Dimension (in)			Common Nail Type Fasteners				Allowable Downward Loads (lbs)			
				Clear Width	Overall Height	Overall Depth	Joist Size	Joist Qty.	Header Size	Header Qty.		Load Duration Factor, C _D		
										@ 90 deg	@ 45 deg	1.00	1.15	1.25
CDLTH24	Standard	1.50	20	1-9/16	3-3/16	2-1/4	10d x 1.5"	2	10d x 1.5"	4	0	285	285	285
	Enhanced Joist									4	0	285	285	285
	Enhanced Header									2	2	415	415	415
	Enhanced Joist and Header									4	2	415	415	415
CDLTH26	Standard	1.50	20	1-9/16	4-3/4	2-1/4	10d x 1.5"	2	10d x 1.5"	6	0	465	465	465
	Enhanced Joist									4	0	465	465	465
	Enhanced Header									2	2	670	670	670
	Enhanced Joist and Header									4	2	670	670	670
CDLTH28	Standard	1.50	20	1-9/16	6-11/16	2-1/4	10d x 1.5"	2	10d x 1.5"	8	0	795	910	930
	Enhanced Joist									6	0	795	910	930
	Enhanced Header									2	4	830	830	830
	Enhanced Joist and Header									6	4	830	830	830
CDLTH28-2	Standard	3.00	20	3-1/8	6-11/16	2-1/4	10d x 1.5"	2	10d x 1.5"	8	0	795	910	990
	Enhanced Joist									6	0	795	910	990
	Enhanced Header									2	4	995	995	995
	Enhanced Joist and Header									6	4	995	995	995

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.

Light Duty Face-Mount Hangers (CDLTH)

Douglas Fir-Larch (0.50 Specific Gravity)														
Product Code	Fastening	Total Supported Breadth (in)	Gauge	Hanger Dimension (in)			Common Nail Type Fasteners				Allowable Downward Loads (lbs)			
				Clear Width	Overall Height	Overall Depth	Joist Size	Joist Qty.	Header Size	Header Qty.		Load Duration Factor, C _D		
										@ 90 deg	@ 45 deg	1.00	1.15	1.25
CDLTH24	Standard	1.50	20	1-9/16	3-3/16	2-1/4	10d x 1.5"	2	10d x 1.5"	4	0	460	490	490
	Enhanced Joist									4	0	460	490	490
	Enhanced Header									4	2	605	605	605
	Enhanced Joist and Header									4	2	605	605	605
CDLTH26	Standard	1.50	20	1-9/16	4-3/4	2-1/4	10d x 1.5"	2	10d x 1.5"	6	0	695	760	760
	Enhanced Joist									4	0	695	760	760
	Enhanced Header									2	2	900	900	900
	Enhanced Joist and Header									4	2	900	900	900
CDLTH28	Standard	1.50	20	1-9/16	6-11/16	2-1/4	10d x 1.5"	2	10d x 1.5"	8	0	925	985	985
	Enhanced Joist									6	0	925	985	985
	Enhanced Header									2	4	1035	1035	1035
	Enhanced Joist and Header									6	4	1035	1035	1035
CDLTH28-2	Standard	3.00	20	3-1/8	6-11/16	2-1/4	10d x 1.5"	2	10d x 1.5"	8	0	925	985	985
	Enhanced Joist									6	0	925	985	985
	Enhanced Header									2	4	985	985	985
	Enhanced Joist and Header									6	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 Downward Loads (lbs)			
				Clear Width	Overall Height	Overall Depth	Joist Size	Joist Qty.	Header Size	Header Qty.		Load Duration Factor, C _D		
										@ 90 deg	@ 45 deg	1.00	1.15	1.25
CDLTH24	Standard	1.50	20	1-9/16	3-3/16	2-1/4	10d x 1.5"	2	10d x 1.5"	4	0	460	490	490
	Enhanced Joist									4	0	460	490	490
	Enhanced Header									2	2	605	605	605
	Enhanced Joist and Header									4	2	605	605	605
CDLTH26	Standard	1.50	20	1-9/16	4-3/4	2-1/4	10d x 1.5"	2	10d x 1.5"	6	0	695	760	760
	Enhanced Joist									4	0	695	760	760
	Enhanced Header									2	2	900	900	900
	Enhanced Joist and Header									4	2	900	900	900
CDLTH28	Standard	1.50	20	1-9/16	6-11/16	2-1/4	10d x 1.5"	2	10d x 1.5"	8	0	925	985	985
	Enhanced Joist									6	0	925	985	985
	Enhanced Header									2	4	1035	1035	1035
	Enhanced Joist and Header									6	4	1035	1035	1035
CDLTH28-2	Standard	3.00	20	3-1/8	6-11/16	2-1/4	10d x 1.5"	2	10d x 1.5"	8	0	925	985	985
	Enhanced Joist									6	0	925	985	985
	Enhanced Header									2	4	985	985	985
	Enhanced Joist and Header									6	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.
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CDLTH 24
Unenhanced Fastening



CDLTH 24
Enhanced Joist Fastening



CDLTH 24
Enhanced Header Fastening



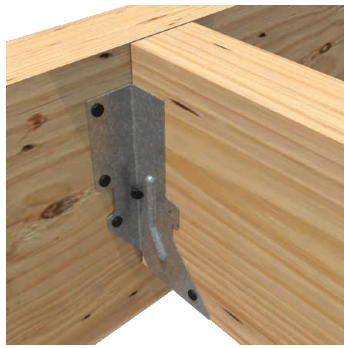
CDLTH 24
Enhanced Joist & Header Fastening



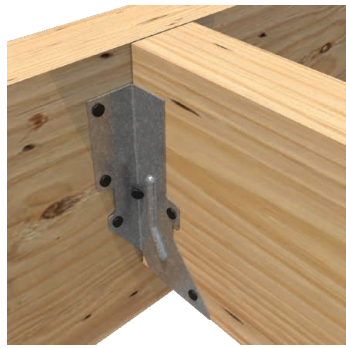
CDLTH 26
Unenhanced Fastening



CDLTH 26
Enhanced Joist Fastening



CDLTH 26
Enhanced Header Fastening



CDLTH 26
Enhanced Joist & Header Fastening



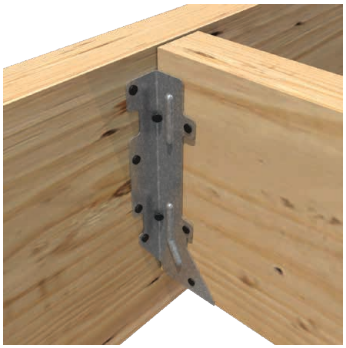
CDLTH 28
Unenhanced Fastening



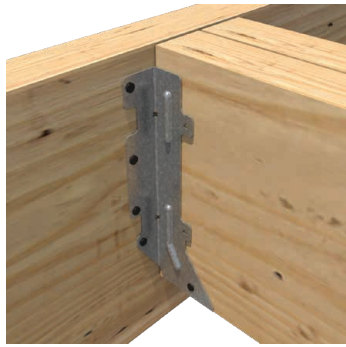
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Enhanced Joist Fastening



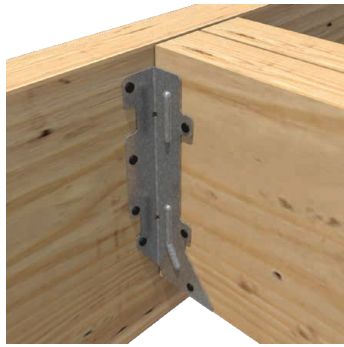
CDLTH 28
Enhanced Header Fastening



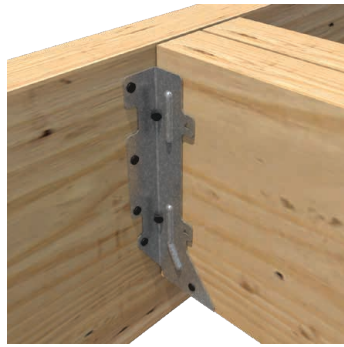
CDLTH 28
Enhanced Joist & Header Fastening



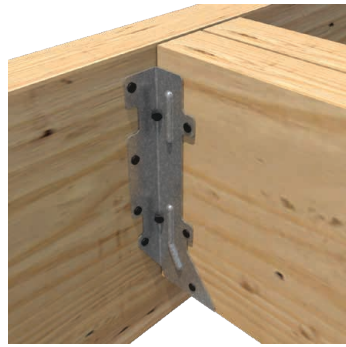
CDLTH 28-2
Unenhanced Fastening



CDLTH 28-2
Enhanced Joist Fastening



CDLTH 28-2
Enhanced Header Fastening



CDLTH 28-2
Enhanced Joist & Header Fastening