

Angles and Straps
06.00.00 (Wood, Plastics and Composites)

Light Straps

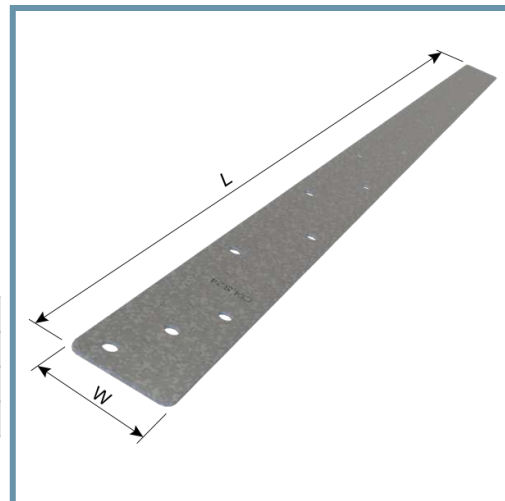
CDLS Series

Manufactured to resist tension load when attached to solid sawn or structural composite lumber metal plate connected trusses, framing members and wall members.

CDLS Light Straps are 1-1/4" wide and available in lengths from 9-5/8" to 24-5/8". Three holes are located at 3/4" on center, in a diagonal pattern, at each end of the strap. Remaining holes are punched at 1-1/2" on center, in a diagonal pattern. At mid length of each strap is a 3" long section with no holes.

Product Data & Ordering Information:

Material	Structural Grade 50 Type H (ST50H), 33ksi (227.5 MPa)
Coating	G90 (Z275) hot-dipped galvanized coating
Thickness	20ga (33mil), 0.0346" Design thickness, 0.0329" Minimum thickness
Packaging	100 pcs/ctn

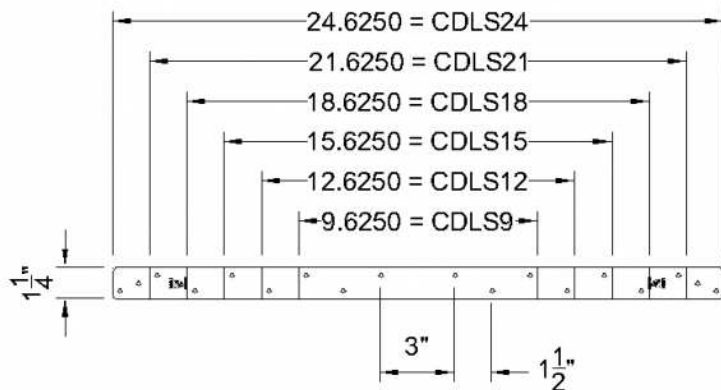


Code Approvals & Performance Standards

- **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
- **IAPMO ER-0176** Evaluation Report for Wood Framing Hangers and Anchors
- **SDS For ASTM A1003 Steel Framing Products** For Interior Framing, Exterior Framing and Clips/Accessories

Sustainability Credits For more details and LEED letters contact Technical Services at 888-437-3244 or visit clarkdietrich.com/LEED.

- **LEED v4.1 MR Credit:** Environmental Product Declarations: EPD (1 point) - Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)
- **LEED v4 MR Credit:** Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).



Allowable Upward Loads (lbs)

	Strap					Spruce Pine-Fir				Douglas Fir-Larch				Southern Pine			
				Fasteners Type		(0.42 Specific Gravity)				(0.50 Specific Gravity)				(0.55 Specific Gravity)			
Product Code	Dimensions		Weight	(Each End)		Load Duration Factor				Load Duration Factor				Load Duration Factor			
	Width	Length				Lbs/Pc	Size	Qty.	1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60	1.00
CDLS9	1-1/4"	9-5/8"	0.14	0.131" x 2.5"	4	325	370	405	515	375	430	470	600	405	470	510	650
				0.148" x 1.5"		390	450	490	625	455	520	570	725	495	565	615	745
				0.148" x 3.0"		390	450	490	625	455	520	570	725	495	565	615	745
				0.162" x 3.5"		465	535	585	745	545	625	680	745	590	680	735	745
CDLS12	1-1/4"	12-5/8"	0.18	0.131" x 2.5"	5	405	465	505	645	470	540	585	745	510	585	635	745
				0.148" x 1.5"		490	560	610	745	570	655	710	745	615	710	745	745
				0.148" x 3.0"		490	560	610	745	570	655	710	745	615	710	745	745
				0.162" x 3.5"		585	670	730	745	680	745	745	745	735	745	745	745
CDLS15	1-1/4"	15-5/8"	0.20	0.131" x 2.5"	6	485	555	605	745	565	650	705	745	610	700	745	745
				0.148" x 1.5"		585	675	730	745	680	745	745	745	740	745	745	745
				0.148" x 3.0"		585	675	730	745	680	745	745	745	740	745	745	745
				0.162" x 3.5"		700	745	745	745	745	745	745	745	745	745	745	745
CDLS18	1-1/4"	18-5/8"	0.24	0.131" x 2.5"	7	565	650	705	745	655	745	745	745	710	745	745	745
				0.148" x 1.5"		685	745	745	745	745	745	745	745	745	745	745	745
				0.148" x 3.0"		685	745	745	745	745	745	745	745	745	745	745	745
				0.162" x 3.5"		745	745	745	745	745	745	745	745	745	745	745	745
CDLS21	1-1/4"	21-5/8"	0.28	0.131" x 2.5"	8	645	740	745	745	745	745	745	745	745	745	745	745
				0.148" x 1.5"		745	745	745	745	745	745	745	745	745	745	745	745
				0.148" x 3.0"		745	745	745	745	745	745	745	745	745	745	745	745
				0.162" x 3.5"		745	745	745	745	745	745	745	745	745	745	745	745
CDLS24	1-1/4"	24-5/8"	0.32	0.131" x 2.5"	9	725	745	745	745	745	745	745	745	745	745	745	745
				0.148" x 1.5"		745	745	745	745	745	745	745	745	745	745	745	745
				0.148" x 3.0"		745	745	745	745	745	745	745	745	745	745	745	745
				0.162" x 3.5"		745	745	745	745	745	745	745	745	745	745	745	745

Notes:

1. Allowable load capacities are based on the tabulated species and load duration factor.
2. Products shown in table are made of No. 20 gauge steel.