

## Straps

### CDLST Series

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

CDLST 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 and a 90 degree bend extending across the width of the strap for 4-5/8".

### Product Data & Ordering Information:

<b>Material</b>	Structural Grade 50 Type H (ST50H), 33ksi (227.5 MPa)
<b>Coating</b>	G90 (Z275) hot-dipped galvanized coating
<b>Thickness</b>	20ga (33mil), 0.0346" Design thickness, 0.0329" Minimum thickness
<b>Packaging</b>	50 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](http://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)

Product Code	Strap		Weight Lbs/Pc	Fasteners (Each End)	Spruce Pine-Fir (0.42 Specific Gravity)				Douglas Fir-Larch (0.50 Specific Gravity)				Southern Pine (0.55 Specific Gravity)			
	Dimensions				Load Duration Factor											
	Width	Length			1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60
CDLS9T	1-1/4"	9-5/8"	0.14	(3) 0.148" x 1.5"	295	335	365	440	340	390	425	440	370	425	440	440
CDLS12T	1-1/4"	12-5/8"	0.18	(4) 0.148" x 1.5"	390	450	490	540	455	520	540	540	495	540	540	540
CDLS15T	1-1/4"	15-5/8"	0.20	(5) 0.148" x 1.5"	490	560	610	680	570	655	680	680	615	680	680	680
CDLS18T	1-1/4"	18-5/8"	0.24	(6) 0.148" x 1.5"	585	675	730	745	680	745	745	745	740	745	745	745
CDLS21T	1-1/4"	21-5/8"	0.28	(7) 0.148" x 1.5"	685	745	745	745	745	745	745	745	745	745	745	745
CDLS24T	1-1/4"	24-5/8"	0.32	(8) 0.148" x 1.5"	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.