

Angles and Straps

06.00.00 (Wood, Plastics and Composites)

## 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 33 Type H (ST33H), 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				Load Duration Factor				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.