

Twist 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 Twist 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".



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)

CODE REPORT

- IAPMO ER-0176



CDLST Series Installation

Twist Straps (CDLST Series)

Product Code	Strap Dimensions (in)		Fasteners (Quantity at Each End)		Allowable Upward Loads (lbs)											
	W	L	Size	Quantity	Spruce Pine-Fir (0.42 Specific Gravity)				Douglas Fir-Larch (0.50 Specific Gravity)				Southern Pine (0.55 Specific Gravity)			
					Load Duration Factor				Load Duration Factor				Load Duration Factor			
	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	0.148" x 1.5"	3	295	335	365	440	340	390	425	440	370	425	440	440
CDLS12T	1-1/4	12-5/8	0.148" x 1.5"	4	390	450	490	540	455	520	540	540	495	540	540	540
CDLS15T	1-1/4	15-5/8	0.148" x 1.5"	5	490	560	610	680	570	655	680	680	615	680	680	680
CDLS18T	1-1/4	18-5/8	0.148" x 1.5"	6	585	675	730	745	680	745	745	745	740	745	745	745
CDLS21T	1-1/4	21-5/8	0.148" x 1.5"	7	685	745	745	745	745	745	745	745	745	745	745	745
CDLS24T	1-1/4	24-5/8	0.148" x 1.5"	8	745	745	745	745	745	745	745	745	745	745	745	745

Notes:

1 Allowable Load Capacities based on the Tabulated Species and Load Duration Factor.

2 Products shown in table are made of No. 20 gauge steel.