

Light Straps

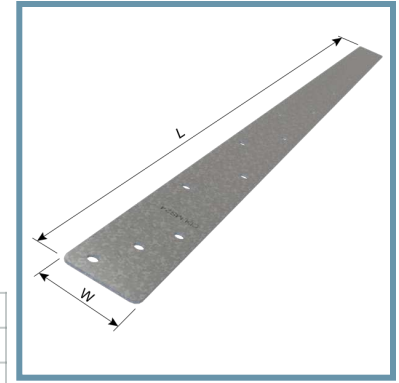
CDLMS Series

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

CDLMS Straps are 1-1/4" wide and available in lengths from 9-5/8" to 36-5/8". 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), 50ksi (340 MPa)
Coating	G90 (Z275) hot-dipped galvanized coating (G185 available except CDLMS33)
Thickness	18ga (43mil), 0.0451" Design thickness, 0.0428" Minimum thickness
Packaging	100 pcs/ctn

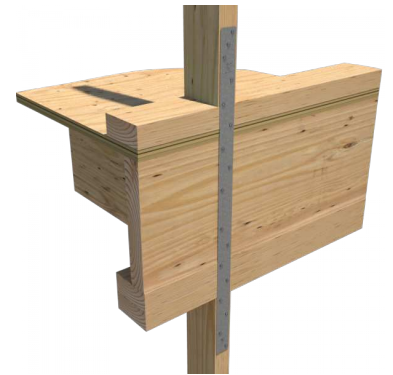
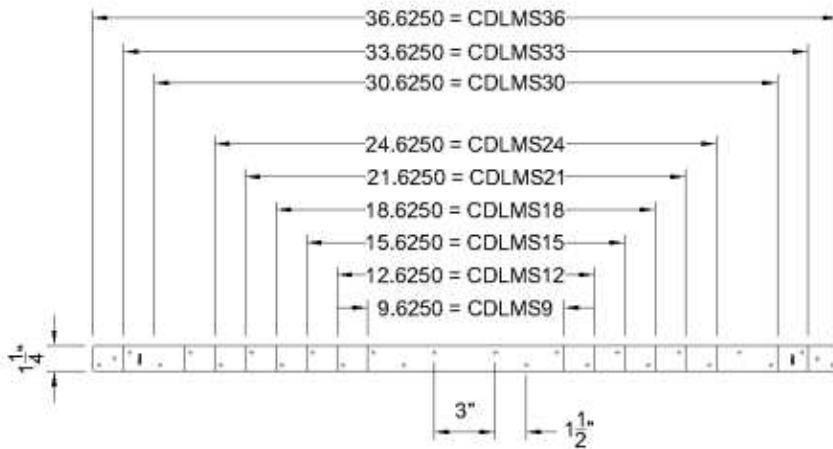
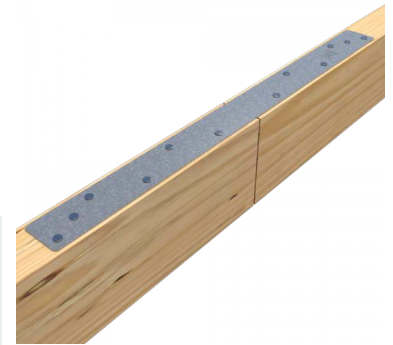


Code Approvals & Performance Standards

- [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)

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
CDLMS9	1-1/4"	9-5/8"	0.15	(4) 0.131" x 1.5"	335	385	420	535	390	450	485	625	420	485	525	675
				(4) 0.148" x 1.5"	405	465	505	645	470	540	585	750	510	585	635	815
				(4) 0.162" x 2.5"	480	550	600	765	560	640	700	895	605	695	755	970
CDLMS12	1-1/4"	12-5/8"	0.20	(5) 0.131" x 1.5"	420	480	525	670	485	560	610	780	525	605	660	845
				(5) 0.148" x 1.5"	505	580	630	805	585	675	730	935	635	730	795	1015
				(5) 0.162" x 2.5"	600	690	750	960	700	805	870	1115	755	870	945	1210
CDLMS15	1-1/4"	15-5/8"	0.25	(6) 0.131" x 1.5"	500	575	625	805	585	670	730	935	635	730	790	1015
				(6) 0.148" x 1.5"	605	695	755	965	705	810	880	1125	760	875	955	1220
				(6) 0.162" x 2.5"	720	825	900	1150	835	965	1045	1340	910	1045	1135	1455
CDLMS18	1-1/4"	18-5/8"	0.32	(7) 0.131" x 1.5"	585	675	730	935	680	785	850	1090	740	850	925	1180
				(7) 0.148" x 1.5"	705	810	880	1125	820	945	1025	1310	890	1025	1110	1425
				(7) 0.162" x 2.5"	840	965	1050	1340	975	1125	1220	1565	1060	1220	1325	1570
CDLMS21	1-1/4"	21-5/8"	0.38	(8) 0.131" x 1.5"	670	770	835	1070	780	895	975	1245	845	970	1055	1350
				(8) 0.148" x 1.5"	805	925	1005	1290	935	1080	1170	1500	1015	1170	1270	1570
				(8) 0.162" x 2.5"	960	1100	1200	1535	1115	1285	1395	1570	1210	1395	1515	1570
CDLMS24	1-1/4"	24-5/8"	0.43	(9) 0.131" x 1.5"	755	865	940	1205	875	1005	1095	1400	950	1090	1185	1520
				(9) 0.148" x 1.5"	905	1040	1130	1450	1055	1215	1320	1570	1145	1315	1430	1570
				(9) 0.162" x 2.5"	1080	1240	1350	1570	1255	1445	1570	1570	1365	1565	1570	1570
CDLMS30	1-1/4"	30-5/8"	0.53	(11) 0.131" x 1.5"	920	1060	1150	1470	1070	1230	1340	1570	1160	1335	1450	1570
				(11) 0.148" x 1.5"	1105	1275	1385	1570	1290	1480	1570	1570	1400	1570	1570	1570
				(11) 0.162" x 2.5"	1320	1515	1570	1570	1535	1570	1570	1570	1570	1570	1570	1570
CDLMS33	1-1/4"	33-5/8"	0.58	(12) 0.131" x 1.5"	1005	1155	1255	1570	1170	1345	1460	1570	1265	1455	1570	1570
				(12) 0.148" x 1.5"	1210	1390	1510	1570	1405	1570	1570	1570	1525	1570	1570	1570
				(12) 0.162" x 2.5"	1440	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570
CDLMS36	1-1/4"	36-5/8"	0.64	(13) 0.131" x 1.5"	1085	1250	1360	1570	1265	1455	1570	1570	1370	1570	1570	1570
				(13) 0.148" x 1.5"	1310	1505	1570	1570	1525	1570	1570	1570	1570	1570	1570	1570
				(13) 0.162" x 2.5"	1555	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570	1570

- Notes:
1. Allowable load capacities based on species and load duration factor as permitted by applicable building code.
 2. Products shown in table are made of No.18 gauge steel.
 3. All nail holes must be filled to obtain tabulated loads.
 4. Specified fasteners and allowable loads may be used with longer straps with fasteners only applied to strap ends.