

## Straps

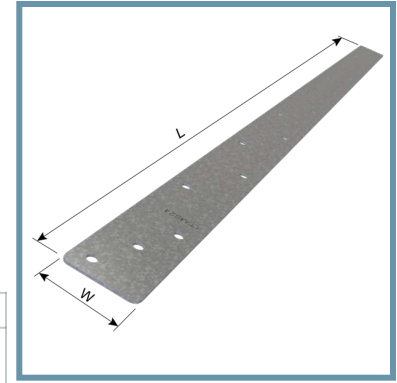
### CDMS Series

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

CDMS Straps are 1-1/4" wide and available in lengths from 21-5/8" to 39-5/8". 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:

<b>Material</b>	Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)
<b>Coating</b>	G90 (Z275) hot-dipped galvanized coating (G185 available except on CDMS27, CDMS33 & CDMS39)
<b>Thickness</b>	16ga (54mil), 0.0566" Design thickness, 0.0538" Minimum thickness
<b>Packaging</b>	CDMS21, CDMS24, CDMS27, CDMS30, CDMS33 = 100pcs/ctn CDMS36, CDMS39 = 50pcs/ctn

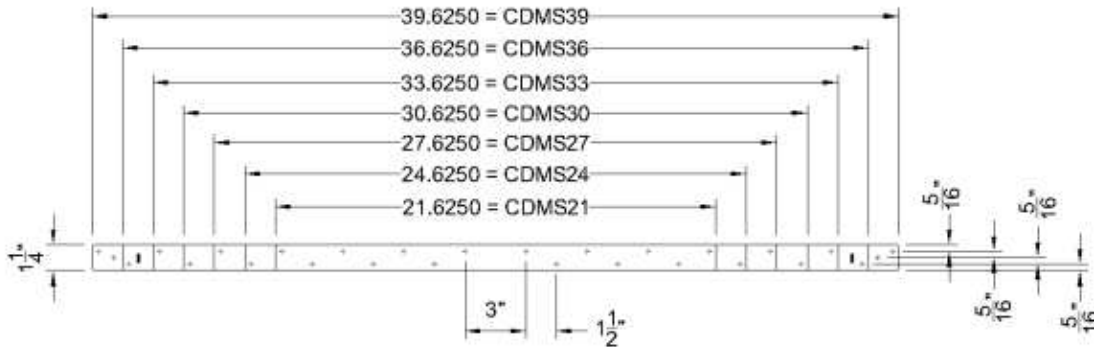
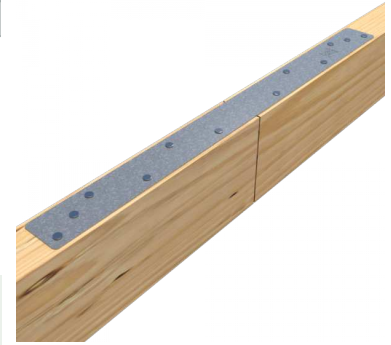


### Code Approvals & Performance Standards

- [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
CDMS21	1-1/4"	21-5/8	0.34	(8) 0.131" x 2.5"	660	755	820	1050	765	880	955	1220	825	950	1035	1325
				(8) 0.148" x 1.5"	825	950	1030	1320	960	1100	1200	1535	1040	1195	1300	1660
				(8) 0.148" x 3.0"	825	950	1030	1320	960	1100	1200	1535	1040	1195	1300	1660
				(8) 0.162" x 3.5"	975	1125	1220	1565	1135	1305	1420	1765	1230	1415	1540	1765
CDMS24	1-1/4"	24-5/8	0.39	(9) 0.131" x 2.5"	740	850	925	1185	860	990	1075	1375	930	1070	1165	1490
				(9) 0.148" x 1.5"	925	1065	1160	1485	1080	1240	1350	1725	1170	1345	1460	1765
				(9) 0.148" x 3.0"	925	1065	1160	1485	1080	1240	1350	1725	1170	1345	1460	1765
				(9) 0.162" x 3.5"	1100	1265	1375	1760	1280	1470	1600	1765	1385	1595	1730	1765
CDMS27	1-1/4"	27-5/8	0.44	(10) 0.131" x 2.5"	820	945	1030	1315	955	1100	1195	1530	1035	1190	1290	1655
				(10) 0.148" x 1.5"	1030	1185	1290	1650	1200	1375	1495	1765	1300	1490	1620	1765
				(10) 0.148" x 3.0"	1030	1185	1290	1650	1200	1375	1495	1765	1300	1490	1620	1765
				(10) 0.162" x 3.5"	1220	1405	1525	1765	1420	1635	1765	1765	1540	1765	1765	1765
CDMS30	1-1/4"	30-5/8	0.64	(11) 0.131" x 2.5"	905	1040	1130	1445	1050	1210	1315	1680	1135	1305	1420	1765
				(11) 0.148" x 1.5"	1135	1305	1415	1765	1320	1515	1645	1765	1425	1640	1765	1765
				(11) 0.148" x 3.0"	1135	1305	1415	1765	1320	1515	1645	1765	1425	1640	1765	1765
				(11) 0.162" x 3.5"	1345	1545	1680	1765	1565	1765	1765	1765	1695	1765	1765	1765
CDMS33	1-1/4"	33-5/8	0.53	(12) 0.131" x 2.5"	985	1135	1235	1580	1145	1320	1430	1765	1240	1425	1550	1765
				(12) 0.148" x 1.5"	1235	1420	1545	1765	1435	1655	1765	1765	1555	1765	1765	1765
				(12) 0.148" x 3.0"	1235	1420	1545	1765	1435	1655	1765	1765	1555	1765	1765	1765
				(12) 0.162" x 3.5"	1465	1685	1765	1765	1705	1765	1765	1765	1765	1765	1765	1765
CDMS36	1-1/4"	36-5/8	0.76	(13) 0.131" x 2.5"	1070	1230	1335	1710	1240	1425	1550	1765	1345	1545	1680	1765
				(13) 0.148" x 1.5"	1340	1540	1675	1765	1555	1765	1765	1765	1685	1765	1765	1765
				(13) 0.148" x 3.0"	1340	1540	1675	1765	1555	1765	1765	1765	1685	1765	1765	1765
				(13) 0.162" x 3.5"	1590	1765	1765	1765	1765	1765	1765	1765	1765	1765	1765	1765
CDMS39	1-1/4"	39-5/8	0.82	(14) 0.131" x 2.5"	1150	1325	1440	1765	1335	1535	1670	1765	1445	1665	1765	1765
				(14) 0.148" x 1.5"	1445	1660	1765	1765	1675	1765	1765	1765	1765	1765	1765	1765
				(14) 0.148" x 3.0"	1445	1660	1765	1765	1675	1765	1765	1765	1765	1765	1765	1765
				(14) 0.162" x 3.5"	1710	1765	1765	1765	1765	1765	1765	1765	1765	1765	1765	1765