

Hurricane Anchor Clips

CDHTHA2.5 / CDHTHA4

The CDHTHA anchor series is manufactured to attach metal plate connected trusses, framing members and wall members, made of solid sawn or structural composite lumber; to solid sawn or structural composite lumber wall members.

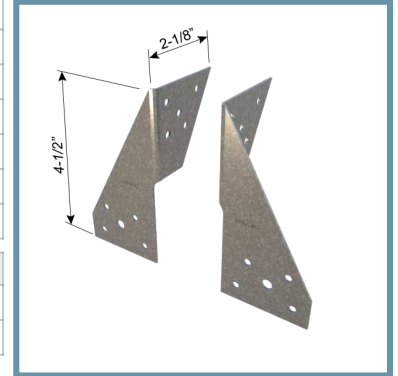
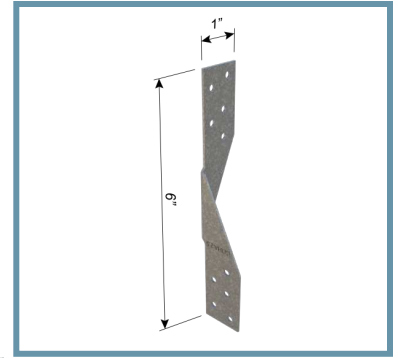
The anchors resists upward load, lateral load perpendicular to the supported truss or framing member. Attachment is required to the lower portion of the supported truss or framing member, and the top plates of the supporting wall, or wall stud and anchored sill (bottom) plate(s).

The CDHTHA2.5 product may be used on either or both sides for the supported member.

Product Data & Ordering Information:

Material	Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)
Coating	G90 (Z275) hot-dipped galvanized coating (G185 available on CDHTHA2.5)
Thickness	18ga (43mil), 0.0451" Design thickness, 0.0428" Minimum thickness
Dimensions	CDHTHA2.5 = 1" x 6" CDHTHA4 = 2-1/8" x 4-1/2"
Packaging	CDHTHA2.5 = 200 pcs/ctn CDHTHA4 = 100 pcs/ctn
Product weight	CDHTHA2.5 = 0.10 lbs/ea CDHTHA4 = 0.14 lbs/ea

Product Code	Width (W)	Height (H)
CDHTHA2.5	1"	6"
CDHTHA4	2-1/8"	4-1/2"



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 Upwards Loads (lbs)

Product Code	Common Nail Type Fastener				Spruce Pine-Fir				Douglas Fir-Larch				Southern Pine			
	Joist Size	Joist Qty.	Wall Plate Size	Wall Plate Qty.	(0.42 Specific Gravity)				(0.50 Specific Gravity)				(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
(2) CDHTHA2.5 (1 each face)	0.131"x1.5"	10	0.131"x1.5"	10	835	960	1045	1145	975	1120	1145	1145	1055	1145	1145	1145
(2) CDHTHA2.5 (1 each face)	0.131"x1.5"	10	0.131"x2.5"	10	835	960	1045	1145	975	1120	1145	1145	1055	1145	1145	1145
(4) CDHTHA4 (2 each face)	0.131"x1.5"	5	0.131"x2.5"	4	1340	1540	1680	2140	1560	1800	1940	2500	1680	1940	2100	2700
(4) CDHTHA4 (2 each face)	0.131"x1.5"	5	0.148"x1.5"	4	1620	1860	2020	2580	1880	2160	2340	3000	2040	2340	2540	3260

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. Products shall be installed in pairs on each side of the connected member for the CDHTHA2.5.
4. Four CDHTHA4 shall be installed, two on each face, to the connected member.