

Designed to hold trusses on both sides to transfer uplift loads from roof framing members to the wall studs.

**MATERIAL SPECIFICATIONS**

**Gauge:** 18ga (43mil)

**Design Thickness:** 0.0451 inches

**Coating:** G90 (Z275) hot-dipped galvanized coating

**Yield Strength:** Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)

**PRODUCT DIMENSIONS**

**CDHT1:** 1-9/16" x 5-5/16"

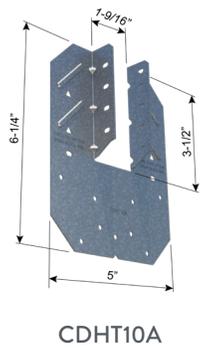
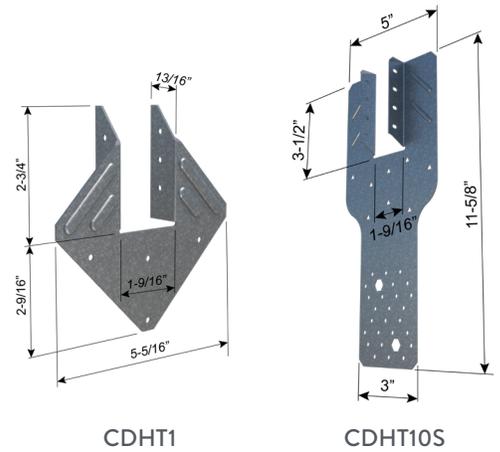
**CDHT10A:** 1-9/16" x 6-1/4"

**CDHT10A-2:** 3-1/8" x 6-1/4"

**CDHT10S:** 1-9/16" x 11-5/8"

**CODE REPORT**

- ICC-ES ESR-5079



**Hurricane Tie (CDHT)**

Product Code	Gauge	Fasteners Scheduling			LOAD <sup>6</sup> DIR.	Allowable Load (lbf)				
		Type <sup>4</sup>	Stud Qty.	Plate Qty.		Truss Qty.	C <sub>D</sub> = 1.00	C <sub>D</sub> = 1.15	C <sub>D</sub> = 1.25	C <sub>D</sub> = 1.60
CDHT1	16	8d x 2-1/2	1	3	6	F <sub>1</sub>	285	330	360	460
			1	3	6	F <sub>2</sub>	285	330	360	405
			1	3	6	Uplift	285	330	360	460
CDHT10A	18	10d x 1-1/2	-	9	8	F <sub>1</sub>	535	535	535	535
			-	9	8	F <sub>2</sub>	220	220	220	220
			-	9	8	Uplift	635	635	635	635
CDHT10S	18	8d x 1-1/2	8	8	8	F <sub>1</sub>	550	550	550	550
			8	8	8	F <sub>2</sub>	210	210	210	210
			8	8	8	Uplift	740	775	775	775

**Notes:**

For SI: 1 inch = 25.4 mm, 1 pound (lb) = 4.45 N

- The tabulated allowable loads have been adjusted for the load duration factors, C<sub>D</sub>, as shown, in accordance with the NDS. The tabulated allowable loads do not apply to loads of other load durations, and are not allowed to be adjusted for other load durations. See Sections 4.1 and 4.2 of ESR-5079 for additional design and installation requirements.
- The tabulated allowable loads are for installations on wood members complying with Section 3.2.1 of the ESR-5079 report. Wood members must also have a reference compressive perpendicular to grain design value, F<sub>c-perp</sub>, of 625 psi (4.31 MPa) or greater.
- Refer to images for product dimensions.
- Refer to Section 3.2.3 of ESR-5079 for nail sizes and the required minimum physical properties.
- ITW Buildex Trugrip metal-to-wood screws. Refer to [www.itwbuildex.com](http://www.itwbuildex.com) for the required physical properties.
- F<sub>1</sub> is the load parallel to truss or joist and F<sub>2</sub> is the load perpendicular to truss or joist.



CDHT1 Installation



CDHT10S Installation



CDHT10A Installation