

## Hurricane Tie

CDHT6 and CDHT8 are high capacity hurricane ties that connect trusses to the top of wall plates in wood framing walls.

### 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)

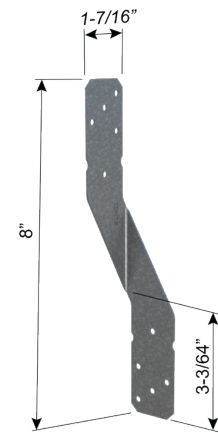
### PRODUCT DIMENSIONS

**CDHT6:** 2-7/16" x 19-3/16"

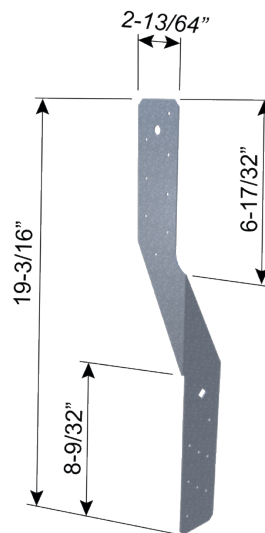
**CDHT8:** 1-7/16" x 8"

### CODE REPORT

- ICC-ES ESR-5079



CDHT8



CDHT6

### 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
CDHT6	18	8d x 2-1/2	1	7	7	F <sub>1</sub>	425	425	425	425
			1	7	7	F <sub>2</sub>	380	380	380	380
			1	7	7	Uplift	735	735	735	735
CDHT8	18	8d x 2-1/2	-	5	5	F <sub>1</sub>	290	290	290	290
			-	5	5	F <sub>2</sub>	150	150	150	150
			-	5	5	Uplift	480	480	480	480

### 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</sub>-perp, 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.



CDHT8 Installation



CDHT6 Installation