

April 02, 2025

# Re: HDUE™ Holdown One-for-One Replacement for Discontinued HDU

To Whom It May Concern:

Simpson Strong-Tie® is discontinuing the HDU holdown series, replacing it with the HDUE series engineered for higher load capacity and improved performance. Evaluated per ICC-ES AC155, the new HDUE series is listed in ICC-ES code report ESR-2330. Table 1 provides installation and maximum allowable loads for both series and Table 2 provides dimensional comparisons. In all cases, the HDUE model listed exceeds the performance of the discontinued HDU model and is a one-to-one replacement.

**Table 1: HDU and HDUE Installation and Maximum Allowable Loads**

Discontinued Model No.	Anchor Bolt Dia. (in.)	Wood Fasteners	Max. Allowable Tension Loads (lb.) (160) <sup>1,2</sup>		Replacement Model No.	Anchor Bolt Dia. (in.)	Wood Fasteners	Max. Allowable Tension Loads (lb.) (160) <sup>1,2</sup>	
			DF/SP	SPF/HF				DF/SP	SPF/HF
HDU2-SDS2.5	5/8	(6) 1/4 x 2 1/2 SDS	3,075	2,215	HDUE3-SDS3	5/8	(7) 1/4 x 3 SDS	3,790	3,340
HDU4-SDS2.5	5/8	(10) 1/4 x 2 1/2 SDS	4,565	3,285	HDUE5-SDS3	5/8	(10) 1/4 x 3 SDS	5,375	4,700
HDU5-SDS2.5	5/8	(14) 1/4 x 2 1/2 SDS	5,645	4,340	HDUE7-SDS3	5/8	(13) 1/4 x 3 SDS	7,015	6,030
HDU8-SDS2.5 <sup>3</sup>	7/8	(20) 1/4 x 2 1/2 SDS	7,870	6,580	HDUE9-SDS3.5	7/8	(16) 1/4 x 3 1/2 SDS	9,390	7,995
HDU11-SDS2.5	1	(30) 1/4 x 2 1/2 SDS	11,175	9,610	HDUE13-SDS3.5	1	(23) 1/4 x 3 1/2 SDS	12,950	11,030
HDU14-SDS2.5 <sup>4</sup>	1	(36) 1/4 x 2 1/2 SDS	14,445	12,425	HDUE17-SDS4.5	1	(28) 1/4 x 4 1/2 SDS	17,685	14,775

- Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
- Allowable loads listed are based on maximum post size; see strongtie.com for loads applicable to various post sizes.
- For HDU8-SDS2.5 applications installed on a 3" thick post, HDUE9-SDS3.5 replacement to be installed with (16) 1/4" x 3" SDS Heavy-Duty Connector screws (ordered separately) to achieve equal or better capacities. See L-C-HDUESDS for allowable loads.
- For HDU14-SDS2.5 applications installed on a 3 1/2" thick post, HDUE17-SDS4.5 replacement to be installed with (28) 1/4" x 3 1/2" SDS Heavy-Duty Connector screws (ordered separately) to achieve equal or better capacities. See L-C-HDUESDS for allowable loads.
- SDS screws are Simpson Strong-Tie Strong-Drive® SDS Heavy-Duty Connector screws.

**Table 2: HDU and HDUE Dimensions**

Discontinued Model No.	Dimensions (in.)					Replacement Model No.	Dimensions (in.)				
	W	H	B	CL	SO		W	H	B	CL	SO
HDU2-SDS2.5	3	8 1/16	3 1/4	1 5/16	1 3/8	HDUE3-SDS3	2 7/8	8 1/16	3 3/8	1 3/8	1 1/2
HDU4-SDS2.5	3	10 15/16	3 3/4	1 5/16	1 3/8	HDUE5-SDS3	2 7/8	11 5/16	3 3/8	1 3/8	1 1/2
HDU5-SDS2.5	3	13 3/16	3 3/4	1 5/16	1 3/8	HDUE7-SDS3	2 7/8	14 11/16	3 3/8	1 3/8	1 1/2
HDU8-SDS2.5	3	16 5/8	3 1/2	1 3/8	1 1/2	HDUE9-SDS3.5	3	17 3/8	4 5/16	1 7/16	1 1/2
HDU11-SDS2.5	3	22 1/4	3 1/2	1 3/8	1 1/2	HDUE13-SDS3.5	3	23 1/16	4 5/16	1 7/16	1 1/2
HDU14-SDS2.5	3	25 11/16	3 1/2	1 9/16	1 1/16	HDUE17-SDS4.5	3	27 7/8	5 3/16	1 15/16	1 1/2

- HDUE17 may need to be raised to attach to offset anchors that have been cast-in-place for HDU14 holdowns. See C-C-2024 for details.

The information in this letter is valid until **12/31/2026** when it will be re-evaluated by Simpson Strong-Tie. Please visit [strongtie.com](https://strongtie.com) for additional pertinent information. If you have questions or need further assistance regarding this matter, please contact the Simpson Strong-Tie engineering department at 800.999.5099.

Sincerely,

**SIMPSON STRONG-TIE COMPANY INC.**
