

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.) | 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 |

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
2. Allowable loads listed are based on maximum post size; see [strongtie.com](http://strongtie.com) for loads applicable to various post sizes.
3. 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.
4. 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.
5. SDS screws are Simpson Strong-Tie Strong-Drive® SDS Heavy-Duty Connector screws.

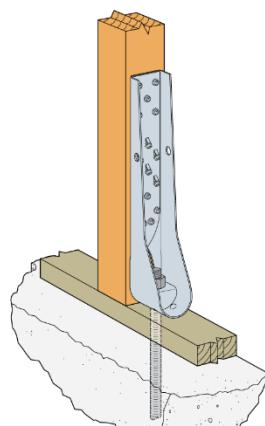
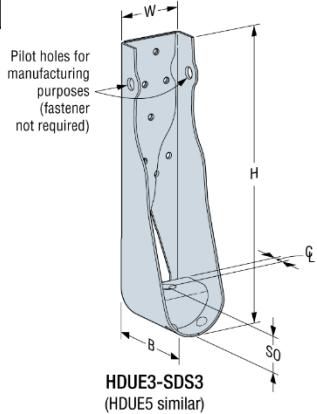
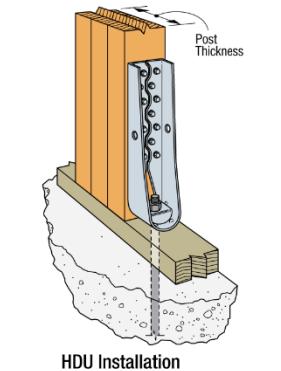
**Table 2: HDU and HDUE Dimensions**

| Discontinued Model No. | Dimensions (in.) |          |       |        |        | Replacement Model No. | Dimensions (in.) |         |        |         |       |
|------------------------|------------------|----------|-------|--------|--------|-----------------------|------------------|---------|--------|---------|-------|
|                        | W                | H        | B     | C      | S0     |                       | W                | H       | B      | C       | S0    |
| 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 1/4 | 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 1/4 | 1 5/16 | 1 3/8  | HDUE7-SDS3            | 2 7/8            | 14 1/16 | 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 9/16 | HDUE17-SDS4.5         | 3                | 27 7/8  | 5 5/16 | 1 15/16 | 1 1/2 |

1. 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](http://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.**HDUE9-SDS3.5 Installation  
(HDUE7, HDUE13, HDUE17 similar)