## ALLOWABLE LOADS FOR UH SERIES HANGERS (LB)[1,2,3]

| | Joist Size | | Part No. | | | QUICKTIE PART ATTRIBUTES | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Dimensions | | | Fasteners | | | | SP[1,2] | | | | DF-L[1,2] | | | | HF/SPF[1,2] | | | |
| | | | QT | Reference No.[4] | | Width, W (in.) | Height, H (in.) | Depth, D (in.) | Header | | Joist | | Floor | Roof | Roof | Uplift | Floor | Roof | Roof | Uplift | Floor | Roof | Roof | Uplift |
| | | | | Simpson® Hardware (SH) | MiTek® Hardware (MH) | | | | Qty | Size | Qty | Size | 1.0 | 1.15 | 1.25 | 1.6 | 1.0 | 115 | 1.25 | 1.6 | 1.0 | 1.15 | 1.25 | 1.6 |
| UHD (12 ga) | 2x6 | 1-ply | UHD26 | HGUS26 | THDH26 | 1-5/8 | 5-3/8 | 5 | 20 | 16d | 8 | 16d | 5,010 | 5,765 | 6,265 | 2,595 | 4,460 | 5,130 | 5,575 | 2,475 | 4,060 | 4,670 | 5,075 | 2,170 |
| | (2) 2x6 | 2-ply | UHD26-2 | HGUS26-2 | THDH26-2 | 3-1/8 | 4-5/8 | 4 | 20 | 16d | 8 | 16d | | | | | | | | | | | | |
| | (3) 2x6 | 3-ply | UHD26-3 | HGUS26-3 | THDH26-3 | 4-5/8 | 3-7/8 | 4 | 20 | 16d | 8 | 16d | | | | | | | | | | | | |
| | (4) 2x6 | 4-ply | UHD26-4 | HGUS26-4 | THDH26-4 | 6-9/16 | 5-7/16 | 4 | 20 | 16d | 8 | 16d | | | | | | | | | | | | |
| | 2x8 | 1-ply | UHD28 | HGUS28 | THDH28 | 1-5/8 | 7-1/8 | 5 | 36 | 16d | 12 | 16d | 9,375 | 9,665 | 9,855 | 3,550 | 8,180 | 8,440 | 8,610 | 3,330 | 6,850 | 7,505 | 7,660 | 2,905 |
| | (2) 2x8 | 2-ply | UHD28-2 | HGUS28-2 | THDH28-2 | 3-1/8 | 6-3/8 | 4 | 36 | 16d | 12 | 16d | | | | | | | | | | | | |
| | (3) 2x8 | 3-ply | UHD28-3 | HGUS28-3 | THDH28-3 | 4-5/8 | 5-5/8 | 4 | 36 | 16d | 12 | 16d | | | | | | | | | | | | |
| | (4) 2x8 | 4-ply | UHD28-4 | HGUS28-4 | THDH28-4 | 6-9/16 | 7-3/16 | 4 | 36 | 16d | 12 | 16d | | | | | | | | | | | | |
| | 2x10 | 1-ply | UHD210 | HGUS210 | THDH210 | 1-5/8 | 9-1/8 | 5 | 46 | 16d | 16 | 16d | 12,100 | 12,100 | 12,100 | 4,500 | 10,505 | 10,505 | 10,505 | 4,180 | 8,590 | 9,275 | 9,275 | 3,640 |
| | (2) 2x10 | 2-ply | UHD210-2 | HGUS210-2 | THDH210-2 | 3-1/8 | 8-3/8 | 4 | 46 | 16d | 16 | 16d | | | | | | | | | | | | |
| | (3) 2x10 | 3-ply | UHD210-3 | HGUS210-3 | THDH210-3 | 4-5/8 | 7-5/8 | 4 | 46 | 16d | 16 | 16d | | | | | | | | | | | | |
| | (4) 2x10 | 4-ply | UHD210-4 | HGUS210-4 | - | 6-9/16 | 9-3/16 | 4 | 46 | 16d | 16 | 16d | | | | | | | | | | | | |
| | (3) 2x12 | 3-ply | UHD212-3 | HGUS212-3 | THDH212-3 | 4-15/16 | 8-1/2 | 4 | 56 | 16d | 20 | 16d | 13,000 | 13,000 | 13,000 | 5,090 | 11,570 | 11,570 | 11,570 | 4,655 | 9,730 | 10,070 | 10,070 | 3,955 |
| | (4) 2x12 | 4-ply | UHD212-4 | HGUS212-4 | - | 6-9/16 | 10-5/8 | 4 | 56 | 16d | 20 | 16d | | | | | | | | | | | | |
| | (3) 2x14 | 3-ply | UHD214-3 | HGUS214-3 | THDH214-3 | 4-15/16 | 12-3/4 | 4 | 66 | 16d | 22 | 16d | 13,895 | 13,895 | 13,895 | 5,385 | 12,635 | 12,635 | 12,635 | 4,895 | 10,865 | 10,865 | 10,865 | 4,110 |
| | (4) 2x14 | 4-ply | UHD214-4 | HGUS214-4 | - | 6-9/16 | 12-5/8 | 4 | 66 | 16d | 22 | 16d | | | | | | | | | | | | |
| | 3x10 | 1-ply Glulam | UHD3210 | HGUS3.25/10 | THDH3210 | 3-1/4 | 8-1/4 | 4 | 46 | 16d | 16 | 16d | 12,100 | 12,100 | 12,100 | 4,500 | 10,505 | 10,505 | 10,505 | 4,180 | 8,590 | 9,275 | 9,275 | 3,640 |
| | 3x12 | 1-ply Glulam | UHD3212 | HGUS3.25/12 | THDH3212 | 3-1/4 | 9-3/8 | 4 | 56 | 16d | 20 | 16d | 13,000 | 13,000 | 13,000 | 5,090 | 11,570 | 11,570 | 11,570 | 4,655 | 9,730 | 10,070 | 10,070 | 3,955 |
| | 4x6 | 1-ply | UHD46 | HGUS46 | THD46 | 3-5/8 | 4-3/8 | 4 | 20 | 16d | 8 | 16d | 5,010 | 5,765 | 6,265 | 2,595 | 4,460 | 5,130 | 5,575 | 2,475 | 4,060 | 4,670 | 5,075 | 2,170 |
| | 4x8 | 1-ply | UHD48 | HGUS48 | THDH48 | 3-5/8 | 6-1/8 | 4 | 36 | 16d | 12 | 16d | 9,375 | 9,665 | 9,855 | 3,550 | 8,180 | 8,440 | 8,610 | 3,330 | 6,850 | 7,505 | 7,660 | 2,905 |
| | 4x10 | 1-ply | UHD410 | HGUS410 | THDH410 | 3-5/8 | 8-1/8 | 4 | 46 | 16d | 16 | 16d | 12,100 | 12,100 | 12,100 | 4,500 | 10,505 | 10,505 | 10,505 | 4,180 | 8,590 | 9,275 | 9,275 | 3,640 |
| | (2) 4x10 | 2-ply | UHD7310 | HGUS7.37/10 | - | 7-3/8 | 8-9/16 | 4 | 46 | 16d | 16 | 16d | | | | | | | | | | | | |
| | (2) 4x12 | 2-ply | UHD7312 | HGUS7.37/12 | - | 7-3/8 | 10-5/8 | 4 | 56 | 16d | 20 | 16d | 13,000 | 13,000 | 13,000 | 5,090 | 11,570 | 11,570 | 11,570 | 4,655 | 9,730 | 10,070 | 10,070 | 3,955 |
| | 4x14 | 1-ply | UHD414 | HGUS414 | THDH414 | 3-5/8 | 12-9/16 | 4 | 66 | 16d | 22 | 16d | 13,895 | 13,895 | 13,895 | 5,385 | 12,635 | 12,635 | 12,635 | 4,895 | 10,865 | 10,865 | 10,865 | 4,110 |
| | (2) 4x14 | 2-ply | UHD7314 | HGUS7.37/14 | - | 7-3/8 | 12-9/16 | 4 | 66 | 16d | 22 | 16d | | | | | | | | | | | | |
| | 6x8 | 1-ply SCL | UHD558 | HGUS5.50/8 | - | 5-1/22 | 6-15/16 | 4 | 36 | 16d | 12 | 16d | 9,375 | 9,665 | 9,855 | 3,550 | 8,180 | 8,440 | 8,610 | 3,330 | 6,850 | 7,505 | 7,660 | 2,905 |
| | 6x10 | 1-ply SCL | UHD5510 | HGUS5.50/10 | - | 5-1/2 | 8-15/16 | 4 | 46 | 16d | 16 | 16d | 12,100 | 12,100 | 12,100 | 4,500 | 10,505 | 10,505 | 10,505 | 4,180 | 8,590 | 9,275 | 9,275 | 3,640 |
| | 6x10G | 1-ply Glulam | UHD5210 | HGUS5.25/10 | - | 5-1/4 | 9-1/16 | 4 | 46 | 16d | 16 | 16d | | | | | | | | | | | | |
| | 6x12 | 1-ply SCL | UHD5512 | HGUS5.50/12 | - | 5-1/2 | 10-3/8 | 4 | 56 | 16d | 20 | 16d | 13,000 | 13,000 | 13,000 | 5,090 | 11,570 | 11,570 | 11,570 | 4,655 | 9,730 | 10,070 | 10,070 | 3,955 |
| | 6x12G | 1-ply Glulam | UHD5212 | HGUS5.25/12 | THDH612 | 5-1/4 | 10-1/2 | 4 | 56 | 16d | 20 | 16d | | | | | | | | | | | | |
| | 6x14 | 1-ply SCL | UHD5514 | HGUS5.50/14 | THDH614 | 5-1/2 | 12-1/2 | 4 | 66 | 16d | 22 | 16d | 13,895 | 13,895 | 13,895 | 5,385 | 12,635 | 12,635 | 12,635 | 4,895 | 10,865 | 10,865 | 10,865 | 4,110 |
| | 7x10 | 1-ply Glulam | UHD6810 | HGUS6.88/10 | THDH6710 | 6-7/8 | 8-13/16 | 4 | 46 | 16d | 16 | 16d | 12,100 | 12,100 | 12,100 | 4,500 | 10,505 | 10,505 | 10,505 | 4,180 | 8,590 | 9,275 | 9,275 | 3,640 |
| | 7x12 | 1-ply Glulam | UHD6812 | HGUS6.88/12 | THDH6712 | 6-7/8 | 10-13/16 | 4 | 56 | 16d | 20 | 16d | 13,000 | 13,000 | 13,000 | 5,090 | 11,750 | 11,750 | 11,750 | 4,655 | 9,730 | 10,070 | 10,070 | 3,955 |
| | 7x14 | 1-ply Glulam | UHD6814 | HGUS6.88/14 | THDH6714 | 6-7/8 | 12-13/16 | 4 | 66 | 16d | 22 | 16d | 13,895 | 13,895 | 13,895 | 5,385 | 12,635 | 12,635 | 12,635 | 4,895 | 10,865 | 10,865 | 10,865 | 4,110 |
| | 8x10 | 1-ply SCL/ Glulam | UHD7210 | HGUS7.25/10 | THDH7210 | 7-1/4 | 8-5/8 | 4 | 46 | 16d | 16 | 16d | 12,100 | 12,100 | 12,100 | 4,500 | 10,505 | 10,505 | 10,505 | 4,180 | 8,590 | 9,275 | 9,275 | 3,640 |
| | 8x12 | 1-ply SCL/ Glulam | UHD7212 | HGUS7.25/12 | THDH7212 | 7-1/4 | 10-5/8 | 4 | 56 | 16d | 20 | 16d | 13,000 | 13,000 | 13,000 | 5,090 | 11,570 | 11,570 | 11,570 | 4,655 | 9,730 | 10,070 | 10,070 | 3,955 |
| | 8x14 | 1-ply SCL/ Glulam | UHD7214 | HGUS7.25/14 | THDH7214 | 7-1/4 | 12-7/16 | 4 | 66 | 16d | 22 | 16d | 13,895 | 13,895 | 13,895 | 5,385 | 12,635 | 12,635 | 12,635 | 4,895 | 10,865 | 10,865 | 10,865 | 4,110 |

**NOTES:**

1. Nails designated as 16d shall be 16d common nails (0.162" x 3.5", $F_{yb}$ = 90,000 psi) and 10d shall be 10d common nails (0.148" x 3", $F_{yb}$ = 90,000 psi).
2. Allowable loads are provided for load duration factor ($C_D$) of 1.0, 1.15, 1.25 and 1.6.
3. Allowable loads labeled "Floor" and "Roof" represent gravity loads.
4. These Reference Numbers above are for the purpose of enabling our customers to identify the QuickTie™ alternative to specified product names, but the attributes of the products references (particularly load values) may differ from the QuickTie™ part. Please note that product comparison via Reference Numbers is for general application comparison only. Reference Numbers should not be used as an apples-to-apples substitution tool. Customers are solely responsible for comparing specific load values, fastener schedules, anchoring requirements, material specifications, and other factors when determining the suitability of use of any particular product. QuickTie™ makes no claim, stated or implied, of suitability for purpose or qualification for usage of our products that may be substituted for a specified product. Any specification, submittal, or change to a specified product should be approved in writing by the designer or Engineer of Record (EOR). MiTek® and Simpson Strong-Tie® are registered trademarks of their respective companies, with which QuickTie™ is unaffiliated, and neither of whom endorse or approve use of their product names in this catalog as "reference numbers".