Post Installed Input Information

Demand Load
lbs
4000 lbs

Wood Species
DF/SP

Post Installed Holdown Solutions

Holdown Application	Holdown Model	Holdown Capacity	Deflection at Demand Load	Minimum Post Thickness	Anchor Bolt Diameter	Required Fasteners	Installed Cost Index*
Nailed	HTT4	4235 lbs	0.116 in.	3.0 in.	5/8 in.	18-16dx2 1/2	Lowest
Nailed	HTT5	4350 lbs	0.11 in.	3.0 in.	5/8 in.	26-10dx1 1/2	32%
Screwed	HTT4	4455 lbs	0.101 in.	3.0 in.	5/8 in.	18-SD #10X 1 1/2"	4%
Screwed	HDU4-SDS2.5	4565 lbs	0.1 in.	3.0 in.	5/8 in.	10-SDS 1/4"X2 1/2"	33%
Screwed	HTT5KT	5445 lbs	0.076 in.	3.0 in.	5/8 in.	26-SD #10X 2 1/2"	41%
Screwed	HDU5-SDS2.5	5645 lbs	0.081 in.	3.0 in.	5/8 in.	14-SDS 1/4"X2 1/2"	60%
Bolted	HD5B	4505 lbs	0.139 in.	3.0 in.	5/8 in.	2-3/4"x4" M.B.	95%
Bolted	HD7B	6645 lbs	0.085 in.	3.0 in.	7/8 in.	3-3/4"x4" M.B.	181%
Bolted	HD9B	7740 lbs	0.082 in.	3.5 in.	7/8 in.	3-7/8"x5" M.B.	404%
Bolted	HD12	11350 lbs	0.06 in.	3.5 in.	1 in.	4-1"x5" M.B.	718%

Note:

Holdown and Tension Tie allowable loads are based on installation with an anchor rod length of 6" from the concrete to the top of the holdown seat. The products may be raised to any height with consideration of the increased deflection due to additional bolt elongation.

*The Installed Cost Index is used to compare the relative installed costs of similar connectors in order to identify which are the least expensive to install. The values are determined by combining the estimated cost of the connector, fasteners and labor for each installation and then presenting them in order from "lowest" cost to highest, showing the percentage of cost increase for each option.