

GIRDER/TRUSS TO WALL FRAMING

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Total No. of Connectors Attached to Girder	No. of Plies Min.	Fasteners		DF/SP Uplift	SPF Uplift
			Girder/Truss	Wall Framing	(160)	(160)
HTS20 ⁵	1	1	10-10d	10-10d	1450	1245
H16 ⁶	1	1	2-10dx1½	10-10dx1½	1470	1265
H16S ⁶	1	1	2-10dx1½	10-10dx1½	1470	1265
H16-2 ⁶	1	2	2-10dx1½	10-10dx1½	1470	1265
H16-2S ⁶	1	2	2-10dx1½	10-10dx1½	1470	1265
H2.5A	4	2	20-8dx1½	20-8dx1½	1705	1465
LTT20B ^{2,3}	1	2	10-16d	1-½" or ¾" ATR	1750	1750
FSC	1	1	15-10dx1½	1-¾" ATR	1830	1570
LGT2	1	2	16-16d Sinkers	14-16d Sinkers	2050	1785
THA222-2 ¹	1	2	6-16dx2½	14-16d	2300	2300
HDU2-SDS2.5 ^{2,3}	1	2	6-SDS ¼"x2½"	1-½" ATR	3075	2215
FSC	2	1	30-10dx1½	2-¾" ATR	3660	3140
LGT3-SDS2.5	1	3	12-SDS ¼"x3"	26-16d Sinkers	3685	2655
HTT16 ^{2,3}	1	2	18-16dx2½	1-¾" ATR	3955	3400
MGT ^{2,3}	1	2	22-10d	1-¾" ATR	3965	3330
LGT4-SDS3	1	4	16-SDS ¼"x3"	30-16d Sinkers	4060	2925
HTT22 ^{2,3}	1	2	32-10d	1-¾" ATR	4165	3580
HDU4-SDS2.5 ^{2,3}	1	2	10-SDS ¼"x2½"	1-¾" ATR	4565	3285
THA222-2 ¹	2	2	12-16dx2½	28-16d	4600	4600
VGT ^{2,3}	1	2	16-SDS ¼"x3"	1-¾" ATR	4940	3555
CS16	3	3	33-10d	33-10d	5115	5115
HDU5-SDS2.5 ^{2,3}	1	2	14-SDS ¼"x2½"	1-¾" ATR	5645	4065
HDU2-SDS2.5 ^{2,3}	2	2	12-SDS ¼"x2½"	1-¾" ATR	6150	4430
VGT ^{2,3}	2	2	32-SDS ¼"x3"	2-¾" ATR	7185	5175
HTT22 ^{2,3}	2	2	64-10d	2-¾" ATR	8330	7160
VGT ^{2,3}	2	3	32-SDS ¼"x3"	2-¾" ATR	8890	6400
HGT-4 ^{2,3}	1	4	16-10d	2-¾" ATR	9250	9250
HGT-3 ^{2,3}	1	3	16-10d	2-¾" ATR	10530	9035
HGT-2 ^{2,3}	1	2	16-10d	2-¾" ATR	10980	6485

1. Parallel to Plate—THA222-2 is 350 lbs, Perpendicular to Plate—THA222-2 is 280 lbs.
2. Rod must connect directly to foundation or to adequately sized connectors to framing below as determined by the Designer.
3. ATR—All-Thread Rod.
4. For multiple holdowns, verify the allowable tension capacity of the wood member.
5. Where noted, 10dx1½ nails may be substituted for same load.
6. H16/H16-2 factory sloped to 5:12, but 3:12-7:12 roof slope is acceptable.
7. LGT4—Uplift for DF/SP girder and SPF studs is 3860 lbs.

