

## Allowable Loads for Face Mount Hangers Supporting a Truss with a Low Heel Height

Allowable Load Values Face Mount Hangers Carrying a Truss with  
a minimum heel height of 3-7/8"

Model Number (SST Ref. No.)	Carrying Girder Bottom Chord Size	Fasteners		Doug. Fir / S-Y-P Allowable Loads		S-P-F Allowable Loads	
		Carrying Member	Carried Member	Number of Plies		Number of Plies	
				One Ply	Two Ply	One Ply	Two Ply
JUS24 (LUS24)	2 x 4	4 - 10d Common	2 - 10d Common	745	820	640	700
	2 x 6	4 - 10d Common	2 - 10d Common	745	820	640	700
	2 x 8	4 - 10d Common	2 - 10d Common	745	800	640	700
	2 x 10	4 - 10d Common	2 - 10d Common	745	800	640	700
JUS26 (LUS26)	2 x 6	4 - 10d Common	2 - 10d Common	745	820	640	700
	2 x 8	4 - 10d Common	2 - 10d Common	745	820	640	700
	2 x 10	4 - 10d Common	2 - 10d Common	745	800	640	700
JUS28 (LUS28)	2 x 8	6 - 10d Common	2 - 10d Common	1030	1100	890	945
	2 x 10	6 - 10d Common	2 - 10d Common	1030	1100	890	945
JUS24-2 (LUS24-2)	2 x 4	4 - 16d Common	2 - 16d Common	815	965	695	840
	2 x 6	4 - 16d Common	2 - 16d Common	815	965	695	840
	2 x 8	4 - 16d Common	2 - 16d Common	800	800	695	800
	2 x 10	4 - 16d Common	2 - 16d Common	800	800	695	800
JUS24-2 (LUS24-2)	2 x 4	4 - 16d Sinkers	2 - 16d Sinkers	680	815	580	700
	2 x 6	4 - 16d Sinkers	2 - 16d Sinkers	680	815	580	700
	2 x 8	4 - 16d Sinkers	2 - 16d Sinkers	680	800	580	700
	2 x 10	4 - 16d Sinkers	2 - 16d Sinkers	680	800	580	700
JUS26-2 (LUS26-2)	2 x 6	4 - 16d Common	2 - 16d Common	815	975	695	840
	2 x 8	4 - 16d Common	2 - 16d Common	815	975	695	840
	2 x 10	4 - 16d Common	2 - 16d Common	815	975	695	840
JUS26-2 (LUS26-2)	2 x 6	4 - 16d Sinkers	2 - 16d Sinkers	680	815	580	700
	2 x 8	4 - 16d Sinkers	2 - 16d Sinkers	680	815	580	700
	2 x 10	4 - 16d Sinkers	2 - 16d Sinkers	680	815	580	700
JUS28-2 (LUS28-2)	2 x 8	6 - 16d Common	2 - 16d Common	1125	1315	945	1125
	2 x 10	6 - 16d Common	2 - 16d Common	1125	1315	945	1125
JUS28-2 (LUS28-2)	2 x 8	6 - 16d Sinkers	2 - 16d Sinkers	945	1100	810	945
	2 x 10	6 - 16d Sinkers	2 - 16d Sinkers	945	1100	810	945
HUS26 (HUS26)	2 x 6	14 - 16d Common	4 - 16d Common	2600	3000	2220	2565
	2 x 8	14 - 16d Common	4 - 16d Common	1985	3000	1490	2565
	2 x 10	14 - 16d Common	4 - 16d Common	2110	3000	1580	2565
HUS26 (HUS26)	2 x 6	14 - 16d Sinkers	4 - 16d Sinkers	2165	2505	1860	2150
	2 x 8	14 - 16d Sinkers	4 - 16d Sinkers	1985	2505	1490	2150
	2 x 10	14 - 16d Sinkers	4 - 16d Sinkers	2110	2505	1580	2150
HUS28 (HUS28)	2 x 8	22 - 16d Common	4 - 16d Common	3875	4345	3315	3745
	2 x 10	22 - 16d Common	4 - 16d Common	2750	4345	2065	3745
HUS28 (HUS28)	2 x 8	22 - 16d Sinkers	4 - 16d Sinkers	3230	3655	2780	3140
	2 x 10	22 - 16d Sinkers	4 - 16d Sinkers	2750	3655	2065	3140
THD26-2 (HHUS26-2)	2 x 6	18 - 16d Common	10 - 10d Common	2920	3150	2520	2725
	2 x 8	18 - 16d Common	10 - 10d Common	1980	3150	1485	2725
	2 x 10	18 - 16d Common	10 - 10d Common	2110	3150	1580	2725
THD26-2 (HHUS26-2)	2 x 6	18 - 16d Sinkers	10 - 16d Sinkers	2460	2655	2125	2295
	2 x 8	18 - 16d Sinkers	10 - 16d Sinkers	1980	2655	1485	2295
	2 x 10	18 - 16d Sinkers	10 - 16d Sinkers	2110	2655	1580	2295
THD28-2 (HHUS28-2)	2 x 8	28 - 16d Common	10 - 10d Common	4540	4900	3920	4240
	2 x 10	28 - 16d Common	10 - 10d Common	2610	4900	1955	3915
THD28-2 (HHUS28-2)	2 x 8	28 - 16d Sinkers	10 - 16d Sinkers	3825	4130	3305	3570
	2 x 10	28 - 16d Sinkers	10 - 16d Sinkers	2610	4130	1955	3570
THDH26-2 (HGUS26-2)	2 x 6	22 - 16d Common	6 - 16d Common	4290	4925	3695	4245
	2 x 8	22 - 16d Common	6 - 16d Common	2000	4005	1500	3000
	2 x 10	22 - 16d Common	6 - 16d Common	2110	4225	1585	3170
THDH26-2 (HGUS26-2)	2 x 6	22 - 16d Sinkers	6 - 16d Sinkers	3640	4175	3160	3625
	2 x 8	22 - 16d Sinkers	6 - 16d Sinkers	2000	4005	1500	3000
	2 x 10	22 - 16d Sinkers	6 - 16d Sinkers	2110	4175	1585	3170
THDH28-2 (HGUS28-2)	2 x 8	36 - 16d Common	6 - 16d Common	6670	7495	5755	6465
	2 x 10	36 - 16d Common	6 - 16d Common	2770	5545	2080	4160
THDH28-2 (HGUS28-2)	2 x 8	36 - 16d Sinkers	6 - 16d Sinkers	5665	6365	4925	5530
	2 x 10	36 - 16d Sinkers	6 - 16d Sinkers	2770	5545	2080	4160

1. Load values are based on design provisions of the 2001 NDS and adjusted to account for provisions of ANSI/TPI 1-2002, and results of testing conducted by USP on hangers supporting wood members with reduced heights. The allowable wood shear values used with ANSI/TPI analysis were taken from the 2001 NDS Supplement.

2. All load values depicted were increased using the 1.25 DOL factor as permitted by the provisions of the Code and NDS for non-snow bearing roof loads.

3. When 16d Sinkers (9 gauge x 3 1/4") are substituted for 10d Common (9 gauge x 3") nails, the loads are the same.

4. Assumes hangers are installed in strict compliance to USP installation specifications and in accordance with the code, in every other respect.