USP STRUCTURAL CONNECTORS
ENGINEERED PRODUCTS/ENGINEERING SERVICES

|  | Ref. No. | Min. <br> Heel Height (in) | No. of Supporting Member Plies | Fasteners |  | $2 \times 4$ Supporting Member |  |  | $2 \times 6$ Supporting Member |  |  | $2 \times 8$ Supporting Member |  |  | $2 \times 10$ Supporting Member |  |  | $2 \times 12$ Supporting Member |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Supporting Member | Supported Member | Download |  | Uplift | Download |  | $\begin{aligned} & \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\begin{aligned} & \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\begin{aligned} & \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\begin{aligned} & \text { Uplift } \\ & \hline 160 \% \end{aligned}$ |
| Stock No. |  |  |  |  |  | 100\% | 115\% | 160\% | 100\% | 115\% |  | 100\% | 115\% |  | 100\% | 115\% |  | 100\% | 115\% |  |
| 1 Ply Carried Member |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JL24 | LU24 | 24/16 | 1 | (4) 10d | (2) $10 \mathrm{dx} 11 / 2$ | 455 | 525 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 |
|  |  | $2^{11 / 16}$ | 1 | (4) 16d | (2) $10 \mathrm{~d} \times 11 / 2$ | 500 | 570 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 |
|  |  | $2^{11 / 16}$ | 2 | (4) 10d | (2) $10 \mathrm{dx} \times 11 / 2$ | 455 | 525 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 |
|  |  | 211/16 | 2 | (4) 16d | (2) $10 \mathrm{~d} \times 11 / 2$ | 545 | 625 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 | 400 | 400 | 245 |
| SUH24 | U24 | $2^{11 / 16}$ | 1 | (4) 10d | (2) $10 \mathrm{~d} \times 11 / 2$ | 465 | 535 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 |
|  |  | $2^{11 / 16}$ | 1 | (4) 16 d | (2) $10 \mathrm{dx} \times 11 / 2$ | 510 | 585 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 |
|  |  | $2^{11 / 16}$ | 2 | (4) 10 d | (2) $10 \mathrm{~d} \times 11 / 2$ | 465 | 535 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 |
|  |  | $2^{11 / 16}$ | 2 | (4) 16 d | (2) $10 \mathrm{~d} \times 11 / 2$ | 550 | 635 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 | 400 | 400 | 360 |
| JUS24 | LUS24 | $2^{1 / 4}$ | 1 | (4) 10 d | (2) 10d | 520 | 595 | 510 | 400 | 400 | 510 | 400 | 400 | 510 | 400 | 400 | 510 | 400 | 400 | 510 |
|  |  | $2^{1 / 4}$ | 2 | (4) 10d | (2) 10 d | 655 | 750 | 510 | 400 | 400 | 510 | 400 | 400 | 510 | 400 | 400 | 510 | 400 | 400 | 510 |
| JL26 | LU26 | $4^{3 / 8}$ | 1 | (6) 10d | (4) $10 \mathrm{~d} \mathrm{x} 11 / 2$ | --- | --- | --- | 685 | 785 | 485 | 400 | 400 | 485 | 400 | 400 | 485 | 400 | 400 | 485 |
|  |  | $4^{3 / 8}$ | 1 | (6) 16 d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 710 | 815 | 485 | 400 | 400 | 485 | 400 | 400 | 485 | 400 | 400 | 485 |
|  |  | $4^{3 / 8}$ | 2 | (6) 10d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 685 | 785 | 485 | 575 | 660 | 485 | 400 | 400 | 485 | 400 | 400 | 485 |
|  |  | $4^{3} / 8$ | 2 | (6) 16 d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 815 | 940 | 485 | 575 | 660 | 485 | 400 | 400 | 485 | 400 | 400 | 485 |
| SUH26 | U26 | $4^{5 / 16}$ | 1 | (6) 10d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 695 | 800 | 725 | 430 | 490 | 725 | 400 | 400 | 725 | 400 | 400 | 725 |
|  |  | $4^{5 / 16}$ | 1 | (6) 16 d | (4) $10 \mathrm{dx} \times 11 / 2$ | --- | --- | --- | 765 | 875 | 725 | 430 | 490 | 725 | 400 | 400 | 725 | 400 | 400 | 725 |
|  |  | $4{ }^{5} / 16$ | 2 | (6) 10 d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 695 | 800 | 725 | 695 | 800 | 725 | 470 | 540 | 725 | 400 | 400 | 725 |
|  |  | $4^{5} / 16$ | 2 | (6) 16 d | (4) $10 \mathrm{dx} \times 11 / 2$ | --- | --- | --- | 830 | 950 | 725 | 830 | 950 | 725 | 470 | 540 | 725 | 400 | 400 | 725 |
| HD26 | HU26 | $1^{7 / 8}$ | 1 | (4) 10d | (2) $10 \mathrm{dx} \times 11 / 2$ | --- | --- | --- | 400 | 400 | 290 | 400 | 400 | 290 | 400 | 400 | 290 | 400 | 400 | 290 |
|  |  | $1^{7 / 8}$ | 1 | (4) 16 d | (2) $10 \mathrm{dx} 11 / 2$ | --- | --- | --- | 400 | 400 | 290 | 400 | 400 | 290 | 400 | 400 | 290 | 400 | 400 | 290 |
|  |  | $1^{7 / 8}$ | 2 | (4) 10 d | (2) $10 \mathrm{dx} 11 / 2$ | --- | --- | --- | 405 | 470 | 290 | 400 | 400 | 290 | 400 | 400 | 290 | 400 | 400 | 290 |
|  |  | $1^{7 / 8}$ | 2 | (4) 16 d | (2) $10 \mathrm{~d} \mathrm{x} 11 / 2$ | --- | --- | --- | 405 | 470 | 290 | 400 | 400 | 290 | 400 | 400 | 290 | 400 | 400 | 290 |
| JUS26 | LUS26 | $4^{7} / 16$ | 1 | (4) 10d | (4) 10 d | -- | -- | -- | 850 | 975 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 |
|  |  | $4^{7} / 16$ | 2 | (4) 10 d | (4) 10d | -- | -- | -- | 850 | 975 | 1115 | 655 | 755 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 |
| MUS26 | MUS26 | $4^{1 / 4}$ | 1 | (6) 10d | (6) 10d | --- | --- | --- | 1100 | 1265 | 865 | 400 | 420 | 865 | 400 | 400 | 865 | 400 | 400 | 865 |
|  |  | $4^{1 / 4}$ | 1 | (6) 16 d | (6) 16 d | --- | --- | --- | 1100 | 1265 | 800 | 400 | 420 | 800 | 400 | 400 | 800 | 400 | 400 | 800 |
|  |  | $4^{1 / 4}$ | 2 | (6) 10 d | (6) 10 d | --- | --- | --- | 1285 | 1475 | 865 | 735 | 845 | 865 | 415 | 480 | 865 | 400 | 400 | 865 |
|  |  | $4^{1 / 4}$ | 2 | (6) 16 d | (6) 16 d | --- | --- | --- | 1530 | 1760 | 865 | 735 | 845 | 865 | 415 | 480 | 865 | 400 | 400 | 865 |
| HUS26 | HUS26 | $4^{5 / 16}$ | 1 | (14) 10d | (6) 10d | --- | --- | --- | 2220 | 2550 | 1620 | 555 | 640 | 1620 | 400 | 400 | 1620 | 400 | 400 | 1620 |
|  |  | $4^{5 / 16}$ | 1 | (14) 16d | (6) 16 d | --- | --- | --- | 2430 | 2795 | 1925 | 555 | 640 | 1925 | 400 | 400 | 1925 | 400 | 400 | 1925 |
|  |  | $4^{5 / 16}$ | 2 | (14) 10d | (6) 10d | --- | -- | -- | 2220 | 2550 | 1620 | 1110 | 1280 | 1620 | 575 | 660 | 1620 | 400 | 400 | 1620 |
|  |  | $4^{5} / 16$ | 2 | (14) 16d | (6) 16 d | --- | --- | --- | 2635 | 3030 | 1925 | 1110 | 1280 | 1925 | 575 | 660 | 1925 | 400 | 400 | 1925 |
| THD26 | --- |  | 1 | (18) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 2095 | 2405 | 2170 | 420 | 480 | 2170 | 400 | 400 | 2170 | 400 | 400 | 2170 |
|  |  | $5^{1 / 4}$ | 1 | (18) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 2295 | 2635 | 2170 | 420 | 480 | 2170 | 400 | 400 | 2170 | 400 | 400 | 2170 |
|  |  | $5^{1 / 4}$ | 2 | (18) 10 d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 2095 | 2405 | 2170 | 835 | 960 | 2170 | 460 | 530 | 2170 | 400 | 400 | 2170 |
|  |  | $5^{1 / 4}$ | 2 | (18) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 2485 | 2855 | 2170 | 835 | 960 | 2170 | 460 | 530 | 2170 | 400 | 400 | 2170 |
| JL28 | LU28 | $5{ }^{15} / 16$ | 1 | (10) 10d | (6) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 645 | 745 | 885 | 400 | 400 | 885 | 400 | 400 | 885 |
|  |  | $5^{15 / 16}$ | 1 | (10) 16d | (6) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 645 | 745 | 885 | 400 | 400 | 885 | 400 | 400 | 885 |
|  |  | $5^{15 / 16}$ | 2 | (10) 10d | (6) $10 \mathrm{dx} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1140 | 1295 | 885 | 640 | 735 | 885 | 400 | 400 | 885 |
|  |  | $5^{15} / 16$ | 2 | (10) 16d | (6) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1295 | 1485 | 885 | 640 | 735 | 885 | 400 | 400 | 885 |
| SUH28 | --- | $6^{1 / 16}$ | 1 | (8) 10d | (6) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 930 | 1065 | 800 | 620 | 710 | 800 | 400 | 420 | 800 |
|  |  | $6^{1 / 16}$ | 1 | (8) 16 d | (6) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1020 | 1170 | 800 | 620 | 710 | 800 | 400 | 420 | 800 |
|  |  | $6^{1 / 16}$ | 2 | (8) 10d | (6) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 930 | 1065 | 800 | 930 | 1065 | 800 | 735 | 845 | 800 |
|  |  | $6^{1 / 16}$ | 2 | (8) 16 d | (6) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1105 | 1270 | 800 | 1105 | 1270 | 800 | 735 | 845 | 800 |
| HD28 | HU28 | $4^{3 / 8}$ | 1 | (8) 10d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 950 | 1090 | 730 | 440 | 505 | 730 | 400 | 400 | 730 | 400 | 400 | 730 |
|  |  | $4^{3 / 8}$ | 1 | (8) 16 d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 1045 | 1195 | 730 | 440 | 505 | 730 | 400 | 400 | 730 | 400 | 400 | 730 |
|  |  | $4^{3 / 8}$ | 2 | (8) 10d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 950 | 1090 | 730 | 880 | 1010 | 730 | 480 | 550 | 730 | 400 | 400 | 730 |
|  |  | $4^{3 / 8}$ | 2 | (8) 16 d | (4) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 1130 | 1295 | 730 | 880 | 1010 | 730 | 480 | 550 | 730 | 400 | 400 | 730 |
| JUS28 | LUS28 | $4^{3 / 8}$ | 1 | (6) 10d | (4) 10d | --- | --- | --- | --- | --- | --- | 1075 | 1235 | 1115 | 620 | 715 | 1115 | 400 | 425 | 1115 |
|  |  | $4^{3 / 8}$ | 2 | (6) 10d | (4) 10d | --- | --- | --- | --- | --- | --- | 1075 | 1235 | 1115 | 1075 | 1235 | 1115 | 735 | 845 | 1115 |
| MUS28 | MUS28 | $6^{5} / 16$ | 1 | (8) 10 d | (8) 10 d | --- | --- | --- | --- | --- | --- | 1710 | 1970 | 1230 | 585 | 675 | 1230 | 400 | 405 | 1230 |
|  |  | $6^{5 / 16}$ | 1 | (8) 16 d | (8) 16 d | --- | --- | --- | --- | --- | --- | 1885 | 2165 | 1135 | 585 | 675 | 1135 | 400 | 405 | 1135 |
|  |  | $6^{5 / 16}$ | 2 | (8) 10 d | (8) 10d | --- | --- | --- | --- | --- | -- | 1710 | 1970 | 1230 | 1170 | 1350 | 1230 | 705 | 810 | 1230 |
|  |  | $6^{5 / 16}$ | 2 | (8) 16d | (8) 16d | --- | --- | --- | --- | --- | --- | 2040 | 2345 | 1230 | 1170 | 1350 | 1230 | 705 | 810 | 1230 |
| HUS28 | HUS28 | $6^{11 / 16}$ | 1 | (22) 10d | (8) 10d | --- | --- | --- | --- | --- | --- | 3345 | 3660 | 2165 | 895 | 1030 | 2165 | 485 | 560 | 2165 |
|  |  | $6^{11 / 16}$ | 1 | (22) 16d | (8) 16 d | --- | --- | --- | --- | --- | -- | 3665 | 4010 | 2570 | 895 | 1030 | 2570 | 485 | 560 | 2570 |
|  |  | $6^{11 / 16}$ | 2 | (22) 10 d | (8) 10 d | --- | --- | --- | --- | --- | --- | 3345 | 3660 | 2165 | 1790 | 2060 | 2165 | 970 | 1120 | 2165 |
|  |  | $6^{11 / 16}$ | 2 | (22) 16d | (8) 16 d | --- | --- | --- | --- | --- | --- | 3970 | 4345 | 2570 | 1790 | 2060 | 2570 | 970 | 1120 | 2570 |

USP STRUCTURAL CONNECTORS
ENGINEERED PRODUCTS/ENGINEERING SERVICES
ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)


USP STRUCTURAL CONNECTORS
ENGINEERED PRODUCTS/ENGINEERING SERVICES

|  | Ref. No. | Min. <br> Heel Height <br> (in) | No. of Supporting Member Plies | Fasteners |  | $2 \times 4$ Supporting Member |  |  | $2 \times 6$ Supporting Member |  |  | $2 \times 8$ Supporting Member |  |  | $2 \times 10$ Supporting Member |  |  | $2 \times 12$ Supporting Member |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Supporting Member | Supported Member | Download |  | Uplift | Download |  | Uplift | Download |  | $\begin{aligned} & \hline \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\frac{\text { Uplift }}{} \frac{160 \%}{}$ | Download |  | $\begin{aligned} & \text { Uplift } \\ & \hline 160 \% \end{aligned}$ |
| Stock No. |  |  |  |  |  | 100\% | 115\% | 160\% | 100\% | 115\% | 160\% | 100\% | 115\% |  | 100\% | 115\% |  | 100\% | 115\% |  |
| 2 Ply Carried Member |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| THD26-2 | HHUS26-2 | $5^{3 / 8}$ | 1 | (18) 10d | (12) 10d | --- | --- | --- | 2140 | 2460 | 2285 | 555 | 640 | 2285 | 400 | 400 | 2285 | 400 | 400 | 2285 |
|  |  | $5^{3 / 8}$ | 1 | (18) 16d | (12) 16d | --- | --- | --- | 2345 | 2695 | 2285 | 555 | 640 | 2285 | 400 | 400 | 2285 | 400 | 400 | 2285 |
|  |  | $5^{3 / 8}$ | 2 | (18) 10d | (12) 10d | --- | --- | --- | 2140 | 2460 | 2285 | 1110 | 1280 | 2285 | 575 | 660 | 2285 | 400 | 400 | 2285 |
|  |  | $5^{3 / 8}$ | 2 | (18) 16d | (12) 16d | --- | --- | --- | 2540 | 2920 | 2285 | 1110 | 1280 | 2285 | 575 | 660 | 2285 | 400 | 400 | 2285 |
| THDH26-2 | HGUS26-2 | $4^{15} / 16$ | 1 | (22) 10d | (8) 10d | --- | --- | --- | 3295 | 3795 | 1880 | 555 | 640 | 1880 | 400 | 400 | 1880 | 400 | 400 | 1880 |
|  |  | $4^{15 / 16}$ | 1 | (22) 16 d | (8) 16d | --- | --- | --- | 3615 | 4160 | 2235 | 555 | 640 | 2235 | 400 | 400 | 2235 | 400 | 400 | 2235 |
|  |  | $4^{15 / 16}$ | 2 | (22) 10 d | (8) 10d | --- | --- | --- | 3295 | 3795 | 1880 | 1110 | 1280 | 1880 | 575 | 660 | 1880 | 400 | 400 | 1880 |
|  |  | $4^{15 / 16}$ | 2 | (22) 16d | (8) 16 d | --- | --- | --- | 3915 | 4505 | 2235 | 1110 | 1280 | 2235 | 575 | 660 | 2235 | 400 | 400 | 2235 |
| SUH28-2 | --- | $4^{41 / 16}$ | 1 | (10) 10 d | (4) 10 d | --- | --- | --- | --- | --- | -- | 1160 | 1335 | 740 | 490 | 560 | 740 | 400 | 400 | 740 |
|  |  | $4^{11 / 16}$ | 1 | (10) 16d | (4) 16 d | --- | --- | --- | --- | --- | --- | 1250 | 1435 | 740 | 490 | 560 | 740 | 400 | 400 | 740 |
|  |  | $4^{11 / 16}$ | 2 | (10) 10d | (4) 10 d | --- | --- | --- | --- | --- | --- | 1160 | 1335 | 740 | 975 | 1125 | 740 | 605 | 700 | 740 |
|  |  | $4^{11 / 16}$ | 2 | (10) 16d | (4) 16 d | --- | --- | --- | --- | --- | --- | 1380 | 1585 | 740 | 975 | 1125 | 740 | 605 | 700 | 740 |
| HD28-2 | HU28-2 | $5^{5 / 16}$ | 1 | (14) 10d | (6) 10 d | --- | --- | --- | --- | --- | -- | 1665 | 1910 | 1140 | 820 | 945 | 1140 | 455 | 525 | 1140 |
|  |  | $5^{5 / 16}$ | 1 | (14) 16d | (6) 16 d | --- | --- | --- | --- | --- | --- | 1825 | 2095 | 1140 | 820 | 945 | 1140 | 455 | 525 | 1140 |
|  |  | $5^{5 / 16}$ | 2 | (14) 10d | (6) 10 d | --- | --- | --- | --- | --- | --- | 1665 | 1910 | 1140 | 1640 | 1885 | 1140 | 910 | 1050 | 1140 |
|  |  | $5^{5 / 16}$ | 2 | (14) 16 d | (6) 16 d | --- | --- | --- | --- | --- | --- | 1975 | 2270 | 1140 | 1640 | 1885 | 1140 | 910 | 1050 | 1140 |
| JUS28-2 | LUS28-2 |  | 1 | (6) 10d | (4) 10d | --- | --- | --- | --- | --- | --- | 1075 | 1235 | 1130 | 895 | 1030 | 1130 | 485 | 560 | 1130 |
|  |  | $4^{13 / 16}$ | 1 | (6) 16 d | (4) 16 d | --- | --- | --- | --- | --- | --- | 1190 | 1370 | 1355 | 895 | 1030 | 1355 | 485 | 560 | 1355 |
|  |  | $4^{13 / 16}$ | 2 | (6) 10 d | (4) 10 d | --- | --- | --- | --- | --- | --- | 1075 | 1235 | 1130 | 1075 | 1235 | 1130 | 970 | 1120 | 1130 |
|  |  | $4^{13 / 16}$ | 2 | (6) 16 d | (4) 16 d | --- | --- | --- | --- | --- | --- | 1290 | 1485 | 1355 | 1290 | 1485 | 1355 | 970 | 1120 | 1355 |
| HUS28-2 | HUS28-2 | $6^{5 / 8}$ | 1 | (6) 10 d | (6) 10d | --- | --- | --- | --- | --- | --- | 1305 | 1500 | 1525 | 895 | 1030 | 1525 | 485 | 560 | 1525 |
|  |  | $6^{5 / 8}$ | 1 | (6) 16 d | (6) 16 d | --- | --- | --- | --- | --- | --- | 1430 | 1645 | 1810 | 895 | 1030 | 1810 | 485 | 560 | 1810 |
|  |  | $6^{5 / 8}$ | 2 | (6) 10 d | (6) 10 d | --- | --- | --- | --- | --- | --- | 1305 | 1500 | 1525 | 1305 | 1500 | 1525 | 970 | 1120 | 1525 |
|  |  | $6^{5 / 8}$ | 2 | (6) 16 d | (6) 16 d | --- | --- | --- | --- | --- | --- | 1550 | 1780 | 1810 | 1550 | 1780 | 1810 | 970 | 1120 | 1810 |
| THD28-2 | HHUS28-2 | $7^{1 / 8}$ | 1 | (28) 10 d | (16) 10 d | --- | --- | --- | --- | --- | --- | 3325 | 3825 | 2595 | 895 | 1030 | 2595 | 485 | 560 | 2595 |
|  |  | $7^{1 / 8}$ | 1 | (28) 16 d | (16) 16d | --- | --- | --- | --- | --- | --- | 3645 | 4190 | 2595 | 895 | 1030 | 2595 | 485 | 560 | 2595 |
|  |  | $7^{1 / 8}$ | 2 | (28) 10 d | (16) 10d | --- | --- | --- | --- | --- | --- | 3325 | 3825 | 2595 | 1790 | 2060 | 2595 | 970 | 1120 | 2595 |
|  |  | $7^{1 / 1 / 8}$ | 2 | (28) 16d | (16) 16d | --- | --- | --- | --- | --- | --- | 3950 | 4540 | 2595 | 1790 | 2060 | 2595 | 970 | 1120 | 2595 |
| THDH28-2 | HGUS28-2 | $6^{13} 1{ }^{16}$ | 1 | (36) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | 5505 | 6330 | 2245 | 895 | 1030 | 2245 | 485 | 560 | 2245 |
|  |  | $6^{13 / 16}$ | 1 | (36) 16d | (10) 16d | --- | --- | --- | --- | --- | --- | 6030 | 6935 | 2665 | 895 | 1030 | 2665 | 485 | 560 | 2665 |
|  |  | $6^{13 / 16}$ | 2 | (36) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | 5505 | 6330 | 2245 | 1790 | 2060 | 2245 | 970 | 1120 | 2245 |
|  |  | $6^{13 / 16}$ | 2 | (36) 16d | (10) 16d | --- | --- | --- | --- | --- | -- | 6535 | 7515 | 2665 | 1790 | 2060 | 2665 | 970 | 1120 | 2665 |
| SUH210-2 | U210-2 | 8 | 1 | (14) 10d | (6) 10d | -- | --- | --- | --- | --- | --- | --- | --- | --- | 1625 | 1870 | 1115 | 1080 | 1245 | 1115 |
|  |  | 8 | 1 | (14) 16d | (6) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1780 | 2050 | 1115 | 1080 | 1245 | 1115 |
|  |  | 8 | 2 | (14) 10d | (6) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1625 | 1870 | 1115 | 1625 | 1870 | 1115 |
|  |  | 8 | 2 | (14) 16d | (6) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1930 | 2220 | 1115 | 1930 | 2220 | 1115 |
| HD210-2 | HU210-2 | $8^{7 / 8}$ | 1 | (18) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2140 | 2460 | 1905 | 1380 | 1585 | 1905 |
|  |  | $8^{7 / 8}$ | 1 | (18) 16d | (10) 16d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2345 | 2695 | 1905 | 1380 | 1585 | 1905 |
|  |  | $8^{7 / 8}$ | 2 | (18) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2140 | 2460 | 1905 | 2140 | 2460 | 1905 |
|  |  | $8^{7}{ }^{8}$ | 2 | (18) 16d | (10) 16d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2540 | 2920 | 1905 | 2540 | 2920 | 1905 |
| JUS210-2 | LUS210-2 | $8^{5 / 8}$ | 1 | (8) 10d | (6) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1500 | 1720 | 1650 | 1490 | 1715 | 1650 |
|  |  | $8^{5 / 8}$ | 1 | (8) 16d | (6) 16 d | --- | --- | --- | --- | --- | -- | --- | --- | --- | 1660 | 1910 | 1980 | 1490 | 1715 | 1980 |
|  |  | $8^{5 / 8}$ | 2 | (8) 10d | (6) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1500 | 1720 | 1650 | 1500 | 1720 | 1650 |
|  |  | $8^{5 / 8}$ | 2 | (8) 16 d | (6) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1800 | 2070 | 1980 | 1800 | 2070 | 1980 |
| HUS210-2 | HUS210-2 | $8^{5 / 8}$ | 1 | (8) 10d | (8) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1740 | 2000 | 1860 | 1490 | 1715 | 1860 |
|  |  | $8^{5 / 8}$ | 1 | (8) 16d | (8) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1905 | 2190 | 2210 | 1490 | 1715 | 2210 |
|  |  | $8^{5 / 8}$ | 2 | (8) 10d | (8) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1740 | 2000 | 1860 | 1740 | 2000 | 1860 |
|  |  | $8^{5 / 8}$ | 2 | (8) 16 d | (8) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2065 | 2375 | 2210 | 2065 | 2375 | 2210 |
| THD210-2 | HHUS210-2 | $9^{1 / 8}$ | 1 | (38) 10d | (20) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4515 | 5185 | 3810 | 1490 | 1715 | 3810 |
|  |  | $9^{1 / 8}$ | 1 | (38) 16d | (20) 16d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4950 | 5685 | 3810 | 1490 | 1715 | 3810 |
|  |  | $9^{1 / 8}$ | 2 | (38) 10 d | (20) 10d | --- | --- | --- | --- | --- | --- | --- | -- | $\cdots$ | 4515 | 5185 | 3810 | 2985 | 3430 | 3810 |
|  |  | $9^{1 / 8}$ | 2 | (38) 16 d | (20) 16d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5360 | 6160 | 3810 | 2985 | 3430 | 3810 |
| THDH210-2 | HGUS210-2 | $8^{11 / 16}$ | 1 | (46) 10d | (12) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6955 | 6955 | 2940 | 1490 | 1715 | 2940 |
|  |  | $8^{11 / 16}$ | 1 | (46) 16 d | (12) 16d | --- | --- | --- | --- | -- | --- | --- | --- | --- | 7625 | 7625 | 3490 | 1490 | 1715 | 3490 |
|  |  | $8^{81 / 16}$ | 2 | (46) 10 d | (12) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6955 | 6955 | 2940 | 2985 | 3430 | 2940 |
|  |  | $8^{11 / 16}$ | 2 | (46) 16d | (12) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8260 | 8260 | 3490 | 2985 | 3430 | 3490 |

See footnotes on page 7.
ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir) 2 Ply Carried Member

USP STRUCTURAL CONNECTORS
ENGINEERED PRODUCTS/ENGINEERING SERVICES
ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)

| $\begin{gathered} \text { USP } \\ \text { Stock No. } \end{gathered}$ | Ref. No. | Min. Heel Height (in) | No. of Supporting Member Plies | Fasteners |  | $2 \times 4$ Supporting Member |  |  | $2 \times 6$ Supporting Member |  |  | $2 \times 8$ Supporting Member |  |  | $2 \times 10$ Supporting Member |  |  | $2 \times 12$ Supporting Member |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Supporting Member | Supported Member | Download |  | Uplift | Download |  | Uplift | Download |  | $\begin{aligned} & \hline \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\begin{aligned} & \hline \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\begin{array}{c\|} \hline \text { Uplift } \\ \hline 160 \% \end{array}$ |
|  |  |  |  |  |  | 100\% | 115\% | 160\% | 100\% | 115\% | 160\% | 100\% | 115\% |  | 100\% | 115\% |  | 100\% | 115\% |  |
| 3 Ply Carried Member |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUS26-3 | LUS26-3 | 41/16 | 1 | (4) 10d | (4) 10d | --- | -- | --- | 685 | 790 | 1130 | 400 | 400 | 1130 | 400 | 400 | 1130 | 400 | 400 | 1130 |
|  |  | $4^{1 / 16}$ |  | (4) 16d | (4) 16d | --- | --- | -- | 685 | 790 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
|  |  | $41 / 16$ | 2 | (4) 10d | (4) 10d | --- | --- | --- | 845 | 975 | 1130 | 560 | 645 | 1130 | 400 | 400 | 1130 | 400 | 400 | 1130 |
|  |  | $4^{1 / 16}$ | 2 | (4) 16d | (4) 16 d | --- | --- | --- | 1015 | 1170 | 1355 | 560 | 645 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
| THDH26-3 | HGUS26-3 | $4^{4 / 8}$ | 1 | (20) 10d | (8) 10d | --- | --- | --- | 3295 | 3795 | 1880 | 555 | 640 | 1880 | 400 | 400 | 1880 | 400 | 400 | 1880 |
|  |  | $4^{7 / 8}$ | 1 | (20) 16d | (8) 16 d | --- | --- | --- | 3615 | 4160 | 2235 | 555 | 640 | 2235 | 400 | 400 | 2235 | 400 | 400 | 2235 |
|  |  | $4^{4 / 8}$ | 2 | (20) 10d | (8) 10 d | --- | --- | --- | 3295 | 3795 | 1880 | 1110 | 1280 | 1880 | 575 | 660 | 1880 | 400 | 400 | 1880 |
|  |  | $4^{7} / 8$ | 2 | (20) 16d | (8) 16 d | --- | --- | --- | 3915 | 4505 | 2235 | 1110 | 1280 | 2235 | 575 | 660 | 2235 | 400 | 400 | 2235 |
| JUS28-3 | LUS28-3 | $4^{1 / 16}$ | 1 | (6) 10d | (4) 10d | --- | --- | --- | --- | --- | --- | 1075 | 1235 | 1130 | 540 | 620 | 1130 | 400 | 400 | 1130 |
|  |  | $4^{1 / 16}$ | 1 | (6) 16 d | (4) 16 d | --- | --- | --- | --- | -- | -- | 1190 | 1370 | 1355 | 540 | 620 | 1355 | 400 | 400 | 1355 |
|  |  | $4^{1 / 16}$ | 2 | (6) 10 d | (4) 10d | --- | --- | --- | --- | -- | -- | 1075 | 1235 | 1130 | 1075 | 1235 | 1130 | 660 | 760 | 1130 |
|  |  | $4^{1 / 16}$ | 2 | (6) 16 d | (4) 16 d | --- | --- | --- | --- | --- | --- | 1290 | 1485 | 1355 | 1080 | 1245 | 1355 | 660 | 760 | 1355 |
| THDH28-3 | HGUS28-3 | $7^{1 / 4}$ | 1 | (36) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | 5700 | 6555 | 2245 | 895 | 1030 | 2245 | 485 | 560 | 2245 |
|  |  | 71/4 | 1 | (36) 16d | (10) 16d | --- | --- | --- | --- | --- | --- | 6250 | 7185 | 2665 | 895 | 1030 | 2665 | 485 | 560 | 2665 |
|  |  | 71/4 | 2 | (36) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | 5700 | 6555 | 2245 | 1790 | 2060 | 2245 | 970 | 1120 | 2245 |
|  |  | 7/4 | 2 | (36) 16 d | (10) 16d | --- | --- | --- | --- | --- | --- | 6770 | 7785 | 2665 | 1790 | 2060 | 2665 | 970 | 1120 | 2665 |
| JUS210-3 | LUS210-3 | 7/8 | 1 | (8) 10d | (6) 10 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1500 | 1720 | 1650 | 950 | 1095 | 1650 |
|  |  | $7^{7 / 8}$ |  | (8) 16 d | (6) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1660 | 1910 | 1980 | 950 | 1095 | 1980 |
|  |  | 7 ${ }^{7} 8$ |  | (8) 10d | (6) 10d | --- | --- | --- | --- | --- | -- | --- | --- | --- | 1500 | 1720 | 1650 | 1500 | 1720 | 1650 |
|  |  | $7^{7 / 8}$ | 2 | (8) 16 d | (6) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1800 | 2070 | 1980 | 1800 | 2070 | 1980 |
| THD210-3 | HHUS210-3 | $8^{7 / 8}$ | 1 | (38) 10 d | (20) 10d | --- | --- | --- | --- | --- | --- | --- | -- | --- | 4765 | 5480 | 3850 | 1275 | 1465 | 3850 |
|  |  | $8^{7 / 8}$ | 1 | (38) 16d | (20) 16d | --- | --- | --- | --- | --- | -- | --- | --- | --- | 5225 | 6010 | 3850 | 1275 | 1465 | 3850 |
|  |  | $8^{7 / 8}$ | 2 | (38) 10d | (20) 10d | --- | -- | -- | --- | -- | -- | -- | -- | --- | 4765 | 5480 | 3850 | 2550 | 2935 | 3850 |
|  |  | $8^{7} 1_{8}$ | 2 | (38) 16d | (20) 16d | --- | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | -- | $\cdots$ | -- | -- | 5660 | 6510 | 3850 | 2550 | 2935 | 3850 |
| THDH210-3 | HGUS210-3 | $8^{1 / 4}$ | 1 | (46) 10d | (12) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7345 | 8300 | 3845 | 1490 | 1715 | 3845 |
|  |  | $8^{1 / 4}$ | 1 | (46) 16d | (12) 16d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8055 | 9095 | 4565 | 1490 | 1715 | 4565 |
|  |  | $8^{1 / 4}$ | 2 | (46) 10d | (12) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7345 | 8300 | 3845 | 2985 | 3430 | 3845 |
|  |  | $8^{1 / 4}$ | 2 | (46) 16d | (12) 16 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8725 | 9855 | 4565 | 2985 | 3430 | 4565 |
| 4x Connectors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JUS44 | LUS44 |  | 1 | (4) 10d | (2) 10d | 595 | 685 | 270 | 400 | 400 | 270 | 400 | 400 | 270 | 400 | 400 | 270 | 400 | 400 | 270 |
|  |  | $2^{3 / 8}$ |  | (4) 16 d | (2) 16 d | 595 | 685 | 325 | 400 | 400 | 325 | 400 | 400 | 325 | 400 | 400 | 325 | 400 | 400 | 325 |
|  |  | $2^{3 / 8}$ | 2 | (4) 10 d | (2) 10d | 650 | 750 | 270 | 400 | 400 | 270 | 400 | 400 | 270 | 400 | 400 | 270 | 400 | 400 | 270 |
|  |  | $2^{3 / 8}$ | 2 | (4) 16 d | (2) 16 d | 780 | 900 | 325 | 400 | 400 | 325 | 400 | 400 | 325 | 400 | 400 | 325 | 400 | 400 | 325 |
| JUS46 | LUS46 | $4^{9} / 16$ | 1 | (4) 10d | (4) 10 d | --- | --- | --- | 845 | 975 | 1130 | 420 | 485 | 1130 | 400 | 400 | 1130 | 400 | 400 | 1130 |
|  |  | $4^{9} / 16$ | 1 | (4) 16 d | (4) 16 d | --- | --- | --- | 935 | 1080 | 1355 | 420 | 485 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
|  |  | $4^{9 / 16}$ | 2 | (4) 10d | (4) 10d | --- | --- | --- | 845 | 975 | 1130 | 840 | 965 | 1130 | 465 | 535 | 1130 | 400 | 400 | 1130 |
|  |  | $4^{9} / 16$ | 2 | (4) 16 d | (4) 16 d | --- | --- | --- | 1015 | 1170 | 1355 | 840 | 965 | 1355 | 465 | 535 | 1355 | 400 | 400 | 1355 |
| HUS46 | HUS46 | $4{ }^{9} / 16$ | , | (4) 10d | (4) 10 d | --- | --- | --- | 865 | 1000 | 940 | 420 | 485 | 940 | 400 | 400 | 940 | 400 | 400 | 940 |
|  |  | $4^{9}{ }^{9} 16$ | 1 | (4) 16 d | (4) 16 d | --- | --- | --- | 950 | 1095 | 1115 | 420 | 485 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 |
|  |  | $4{ }^{9} 16$ | 2 | (4) 10d | (4) 10d | --- | --- | --- | 865 | 1000 | 940 | 840 | 965 | 940 | 465 | 535 | 940 | 400 | 400 | 940 |
|  |  | $4^{9 / 16}$ | 2 | (4) 16d | (4) 16 d | --- | --- | --- | 1030 | 1185 | 1115 | 840 | 965 | 1115 | 465 | 535 | 1115 | 400 | 400 | 1115 |
| THD46 | HHUS46 | $5^{5 / 16}$ | 1 | (18) 10 d | (12) 10d | --- | --- | --- | 2140 | 2460 | 2285 | 525 | 605 | 2285 | 400 | 400 | 2285 | 400 | 400 | 2285 |
|  |  | $5^{5 / 16}$ | 1 | (18) 16d | (12) 16 d | --- | --- | --- | 2345 | 2695 | 2285 | 525 | 605 | 2285 | 400 | 400 | 2285 | 400 | 400 | 2285 |
|  |  | $5^{5 / 16}$ | 2 | (18) 10d | (12) 10d | --- | --- | --- | 2140 | 2460 | 2285 | 1055 | 1215 | 2285 | 550 | 635 | 2285 | 400 | 400 | 2285 |
|  |  | $5^{5 / 16}$ | 2 | (18) 16d | (12) 16 d | -- | --- | --- | 2540 | 2920 | 2285 | 1055 | 1215 | 2285 | 550 | 635 | 2285 | 400 | 400 | 2285 |
| THDH46 | HGUS46 | $4^{3 / 4}$ | 1 | (22) 10d | (8) 10 d | --- | --- | --- | 3295 | 3795 | 2195 | 500 | 575 | 2195 | 400 | 400 | 2195 | 400 | 400 | 2195 |
|  |  | $4^{3 / 4}$ | 1 | (22) 16 d | (8) 16 d | --- | --- | --- | 3615 | 4160 | 2605 | 500 | 575 | 2605 | 400 | 400 | 2605 | 400 | 400 | 2605 |
|  |  | $4^{3 / 4}$ | 2 | (22) 10d | (8) 10d | --- | --- | --- | 3295 | 3795 | 2195 | 995 | 1145 | 2195 | 530 | 605 | 2195 | 400 | 400 | 2195 |
|  |  | $4^{3 / 4}$ | 2 | (22) 16d | (8) 16 d | --- | --- | --- | 3915 | 4505 | 2605 | 995 | 1145 | 2605 | 530 | 605 | 2605 | 400 | 400 | 2605 |
| HD48 | HU48 | $4^{15} / 16$ | 1 | (14) 10d | (6) 10d | --- | --- | --- | --- | --- | --- | 1665 | 1910 | 1140 | 705 | 810 | 1140 | 405 | 470 | 1140 |
|  |  | $4^{15 / 16}$ | 1 | (14) 16d | (6) 16 d | --- | --- | --- | --- | --- | --- | 1825 | 2095 | 1140 | 705 | 810 | 1140 | 405 | 470 | 1140 |
|  |  | $4^{15} / 16$ | 2 | (14) 10d | (6) 10d | --- | --- | --- | --- | --- | --- | 1665 | 1910 | 1140 | 1410 | 1625 | 1140 | 815 | 935 | 1140 |
|  |  | $4^{15 / 16}$ | 2 | (14) 16d | (6) 16 d | --- | --- | --- | --- | --- | --- | 1975 | 2270 | 1140 | 1410 | 1625 | 1140 | 815 | 935 | 1140 |
| JUS48 | LUS48 | $4^{9} / 16$ |  | (6) 10d | (4) 10d | --- | --- | --- | --- | --- | --- | 1075 | 1235 | 1130 | 750 | 865 | 1130 | 425 | 490 | 1130 |
|  |  | $4{ }^{9} 16$ |  | (6) 16 d | (4) 16 d | --- | --- | --- | --- | --- | --- | 1190 | 1370 | 1355 | 750 | 865 | 1355 | 425 | 490 | 1355 |
|  |  | $4{ }^{9} 916$ | 2 | (6) 10d | (4) 10d | --- | --- | --- | --- | --- | --- | 1075 | 1235 | 1130 | 1075 | 1235 | 1130 | 855 | 980 | 1130 |
|  |  | $4^{9} / 16$ | 2 | (6) 16 d | (4) 16 d | --- | --- | --- | --- | --- | --- | 1290 | 1485 | 1355 | 1290 | 1485 | 1355 | 855 | 980 | 1355 |

See footnotes on page 7.

USP STRUCTURAL CONNECTORS
ENGINEERED PRODUCTS/ENGINEERING SERVICES
ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)


|  | Ref. No. | Min. <br> Heel Height (in) | No. of Supporting Member Plies | Fasteners |  | $2 \times 4$ Supporting Member |  |  | $2 \times 6$ Supporting Member |  |  | $2 \times 8$ Supporting Member |  |  | $2 \times 10$ Supporting Member |  |  | $2 \times 12$ Supporting Member |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Supporting Member | Supported Member | Download |  | Uplift | Download |  | Uplift | Download |  | Uplift | Download |  | Uplift | Download |  | Uplift |
| Stock No. |  |  |  |  |  | 100\% | 115\% | 160\% | 100\% | 115\% | 160\% | 100\% | 115\% | 160\% | 100\% | 115\% | 160\% | 100\% | 115\% | 160\% |
| $45^{\circ}$ Skewed Connectors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SKHH26L/R | -- | 5 | 1 | (18) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 1285 | 1475 | 2190 | 405 | 465 | 2190 | 400 | 400 | 2190 | 400 | 400 | 2190 |
|  |  | 5 | 1 | (18) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | -- | -- | 1410 | 1615 | 2190 | 405 | 465 | 2190 | 400 | 400 | 2190 | 400 | 400 | 2190 |
|  |  | 5 | 2 | (18) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 1285 | 1475 | 2190 | 810 | 935 | 2190 | 450 | 520 | 2190 | 400 | 400 | 2190 |
|  |  | 5 | 2 | (18) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | -- | --- | 1525 | 1750 | 2190 | 810 | 935 | 2190 | 450 | 520 | 2190 | 400 | 400 | 2190 |
| SKH28L/R | --- | $6^{15} / 16$ | 1 | (10) 10d | (8) $10 \mathrm{~d} \mathrm{x} 11 / 2$ | --- | --- | --- | --- | --- | --- | 1160 | 1235 | 1360 | 705 | 815 | 1360 | 405 | 470 | 1360 |
|  |  | $6^{15 / 16}$ | 1 | (10) 16d | (8) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1275 | 1350 | 1360 | 705 | 815 | 1360 | 405 | 470 | 1360 |
|  |  | $6^{15 / 16}$ | 2 | (10) 10d | (8) $10 \mathrm{~d} \mathrm{x} 11 / 2$ | --- | --- | --- | --- | --- | --- | 1160 | 1235 | 1360 | 1160 | 1235 | 1360 | 815 | 935 | 1360 |
|  |  | $6^{15 / 16}$ | 2 | (10) 16d | (8) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1380 | 1465 | 1360 | 1380 | 1465 | 1360 | 815 | 935 | 1360 |
| SKHH28L/R | --- | $6^{3 / 4}$ | 1 | (26) 10d | (16) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1855 | 2130 | 2920 | 750 | 865 | 2920 | 425 | 490 | 2920 |
|  |  | $6^{3 / 4}$ | 1 | (26) 16d | (16) 10d $\times 11 / 2$ | --- | --- | --- | --- | --- | -- | 2030 | 2335 | 2920 | 750 | 865 | 2920 | 425 | 490 | 2920 |
|  |  | $6^{3 / 4}$ | 2 | (26) 10d | (16) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 1855 | 2130 | 2920 | 1505 | 1730 | 2920 | 855 | 980 | 2920 |
|  |  | $6^{3 / 4}$ | 2 | (26) 16d | (16) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | 2200 | 2530 | 2920 | 1505 | 1730 | 2920 | 855 | 980 | 2920 |
| SKH210L/R | SUR/L210 | $8^{11 / 16}$ | 1 | (14) 10d | (10) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | -- | --- | --- | --- | --- | 1505 | 1505 | 1565 | 900 | 1035 | 1565 |
|  |  | $8^{11 / 16}$ | 1 | (14) 16d | (10) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | $\cdots$ | 1650 | 1650 | 1565 | 900 | 1035 | 1565 |
|  |  | $8^{11 / 16}$ | 2 | (14) 10d | (10) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1505 | 1505 | 1565 | 1505 | 1505 | 1565 |
|  |  | $8^{11 / 16}$ | 2 | (14) 16d | (10) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1790 | 1790 | 1565 | 1790 | 1790 | 1565 |
| SKHH210L/R | --- | $8^{3 / 8}$ | 1 | (34) 10d | (20) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2420 | 2785 | 3650 | 1275 | 1465 | 3650 |
|  |  | $8^{3 / 8}$ | 1 | (34) 16d | (20) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2655 | 3055 | 3650 | 1275 | 1465 | 3650 |
|  |  | $8^{3 / 8}$ | 2 | (34) 10d | (20) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | -- | -- | --- | --- | 2420 | 2785 | 3650 | 2420 | 2785 | 3650 |
|  |  | $8^{3 / 8}$ | 2 | (34) 16d | (20) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | -- | --- | --- | --- | 2875 | 3310 | 3650 | 2550 | 2935 | 3650 |
| SKH26L/R-2 | SUR/L26-2 | $3^{5 / 8}$ | 1 | (6) 10d | (6) 10d | --- | --- | --- | 400 | 400 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 |
|  |  | $3^{5 / 8}$ | 1 | (6) 16 d | (6) 10d | --- | --- | --- | 400 | 400 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 |
|  |  | $3^{5 / 8}$ | 2 | (6) 10d | (6) 10d | -- | --- | -- | 500 | 575 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 |
|  |  | $3^{5 / 8}$ | 2 | (6) 16 d | (6) 10d | --- | --- | --- | 500 | 575 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 | 400 | 400 | 1115 |
| SKHH26L/R-2 | HSUR/L26-2 | $4^{1 / 2}$ | 1 | (12) 10d | (4) 10d | --- | --- | -- | 1425 | 1640 | 900 | 450 | 520 | 900 | 400 | 400 | 900 | 400 | 400 | 900 |
|  |  | $4{ }^{1 / 2}$ | 1 | (12) 16d | (4) $16 \mathrm{~d} \times 21 / 2$ | --- | --- | --- | 1560 | 1795 | 900 | 450 | 520 | 900 | 400 | 400 | 900 | 400 | 400 | 900 |
|  |  | $4^{1 / 2}$ | 2 | (12) 10d | (4) 10d | --- | --- | --- | 1425 | 1640 | 900 | 900 | 1035 | 900 | 490 | 560 | 900 | 400 | 400 | 900 |
|  |  | $4^{1 / 2}$ | 2 | (12) 16d | (4) $16 \mathrm{~d} \mathrm{x} 21 / 2$ | --- | --- | --- | 1690 | 1945 | 900 | 900 | 1035 | 900 | 490 | 560 | 900 | 400 | 400 | 900 |
| SKH28L/R-2 | --- | $6^{3 / 16}$ | 1 | (10) 10d | (8) 10d | --- | --- | --- | --- | --- | -- | 1025 | 1180 | 1360 | 435 | 500 | 1360 | 400 | 400 | 1360 |
|  |  | $6^{3 / 16}$ | 1 | (10) 16d | (8) 10d | --- | --- | --- | --- | --- | --- | 1025 | 1180 | 1360 | 435 | 500 | 1360 | 400 | 400 | 1360 |
|  |  | $6^{3 / 16}$ | 2 | (10) 10d | (8) 10d | --- | --- | --- | --- | --- | --- | 1160 | 1335 | 1360 | 870 | 1000 | 1360 | 550 | 635 | 1360 |
|  |  | $6^{3 / 16}$ | 2 | (10) 16d | (8) 10d | --- | --- | --- | --- | --- | --- | 1380 | 1585 | 1360 | 870 | 1000 | 1360 | 550 | 635 | 1360 |
| SKH210L/R-2 | SUR/L210-2 | $8^{11 / 16}$ | 1 | (14) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1625 | 1870 | 1565 | 905 | 1040 | 1565 |
|  |  | $8^{11 / 16}$ | 1 | (14) 16d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1780 | 2050 | 1565 | 905 | 1040 | 1565 |
|  |  | $8^{811 / 16}$ | 2 | (14) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1625 | 1870 | 1565 | 1625 | 1870 | 1565 |
|  |  | $8^{11 / 16}$ | 2 | (14) 16d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1930 | 2220 | 1565 | 1805 | 2075 | 1565 |
| SKHH210L/R-2 | HSUR/L210-2 | $7^{5 / 16}$ $7^{5 / 1}$ | 1 | (20) 10d | (6) 10 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2375 | 2735 | 1140 | 950 | 1095 | 1140 |
|  |  | $7^{5 / 16}$ | 1 | (20) 16d | (6) $16 \mathrm{~d} \times 21 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2605 | 2995 | 1355 | 950 | 1095 | 1355 |
|  |  | $7^{5 / 16}$ | 2 | (20) 10d | (6) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2375 | 2735 | 1140 | 1900 | 2185 | 1140 |
|  |  | $7^{5 / 16}$ | 2 | (20) 16d | (6) $16 \mathrm{~d} \times 21 / 2$ | $\cdots$ | --- | --- | --- | --- | --- | --- | --- | --- | 2820 | 3245 | 1355 | 1900 | 2185 | 1355 |
| SKH46L/R | SUR/L46 | $4^{5} / 16$ | 1 | (10) 10d | (6) 10d | --- | --- | --- | 765 | 880 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
|  |  | $4^{5 / 16}$ | 1 | (10) 16d | (6) 16 d | --- | --- | --- | 765 | 880 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
|  |  | $4^{5 / 16}$ | 2 | (10) 10d | (6) 10d | --- | --- | --- | 1185 | 1340 | 1355 | 600 | 690 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
|  |  | $4^{5 / 16}$ | 2 | (10) 16d | (6) 16 d | --- | --- | --- | 1410 | 1590 | 1355 | 600 | 690 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
| SKHH46L/R | HSUR/L46 | $4^{1 / 2}$ | 1 | (12) 10d | (6) 10d | --- | --- | --- | 1425 | 1640 | 1140 | 450 | 520 | 1140 | 400 | 400 | 1140 | 400 | 400 | 1140 |
|  |  | $4^{1 / 2}$ | 1 | (12) 16d | (6) 16 d | --- | --- | --- | 1560 | 1795 | 1355 | 450 | 520 | 1355 | 400 | 400 | 1355 | 400 | 400 | 1355 |
|  |  | $4^{1 / 2}$ | 2 | (12) 10d | (6) 10 d | --- | --- | --- | 1425 | 1640 | 1140 | 900 | 1035 | 1140 | 490 | 560 | 1140 | 400 | 400 | 1140 |
|  |  | $4^{1 / 2}$ | 2 | (12) 16d | (6) 16 d | --- | --- | --- | 1690 | 1945 | 1355 | 900 | 1035 | 1355 | 490 | 560 | 1355 | 400 | 400 | 1355 |
| SKH410L/R | SUR/L410 | $6^{3 / 4}$ | 1 | (16) 10d | (10) 10 d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1900 | 2140 | 1565 | 950 | 1095 | 1565 |
|  |  | $6^{3 / 4}$ | 1 | (16) 16d | (10) 16d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2080 | 2345 | 1565 | 950 | 1095 | 1565 |
|  |  | $6^{3 / 4}$ | 2 | (16) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1900 | 2140 | 1565 | 1900 | 2140 | 1565 |
|  |  | $6^{3 / 4}$ | 2 | (16) 16d | (10) 16d | --- | -- | --- | --- | -- | -- | --- | --- | --- | 2255 | 2540 | 1565 | 1900 | 2185 | 1565 |
| SKHH410L/R | HSUR/L410 | 7 | 1 | (20) 10d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2375 | 2735 | 1900 | 950 | 1095 | 1900 |
|  |  | 7 | 1 | (20) 16d | (10) 16d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2605 | 2995 | 2255 | 950 | 1095 | 2255 |
|  |  | 7 | 2 | (20) 10 d | (10) 10d | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2375 | 2735 | 1900 | 1900 | 2185 | 1900 |
|  |  | 7 | 2 | (20) 16d | (10) 16d | --- | --- | --- | --- | -- | --- | -- | --- | --- | 2820 | 3245 | 2255 | 1900 | 2185 | 2255 |
|  | Hip/Jack Connectors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BN264 | --- | $2^{7 / 8}$ | 1 | (20) 10d | (8) $10 \mathrm{~d} \mathrm{x} 11 / 2$ | --- | --- | --- | 2380 | 2735 | 645 | 500 | 575 | 645 | 400 | 400 | 645 | 400 | 400 | 645 |
|  |  | $2^{7 / 8}$ | 2 | (20) 10d | (8) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | 2380 | 2735 | 645 | 1000 | 1150 | 645 | 530 | 610 | 645 | 400 | 400 | 645 |
| BN284 | --- | $2^{7 / 8}$ | 1 | (20) 10d | (8) $10 \mathrm{~d} \times 11 / 2$ | --- | $\cdots$ | $\cdots$ | --- | --- | --- | 2380 | 2735 | 645 | 820 | 945 | 645 | 455 | 525 | 645 |
|  |  | $2^{7 / 8}$ | 2 | (20) 10d | (8) $10 \mathrm{~d} \mathrm{x} 11 / 2$ | --- | $\cdots$ | --- | --- | --- | --- | 2380 | 2735 | 645 | 1640 | 1885 | 645 | 910 | 1050 | 645 |

USP STRUCTURAL CONNECTORS
ENGINEERED PRODUCTS/ENGINEERING SERVICES
ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)

|  | Ref. No. | Min. <br> Heel Height (in) | No. of Supporting Member Plies | Fasteners |  | $2 \times 4$ Supporting Member |  |  | $2 \times 6$ Supporting Member |  |  | $2 \times 8$ Supporting Member |  |  | $2 \times 10$ Supporting Member |  |  | $2 \times 12$ Supporting Member |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| USP |  |  |  | Supporting Member | Supported Member | Download |  | Uplift | Download |  | $\begin{gathered} \text { Uplift } \\ \hline 160 \% \end{gathered}$ | Download |  | $\begin{aligned} & \hline \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\begin{aligned} & \hline \text { Uplift } \\ & \hline 160 \% \end{aligned}$ | Download |  | $\begin{array}{\|c\|} \hline \text { Uplift } \\ \hline 160 \% \end{array}$ |
| Stock No. |  |  |  |  |  | 100\% | 115\% | 160\% | 100\% | 115\% |  | 100\% | 115\% |  | 100\% | 115\% |  | 100\% | 115\% |  |
| Hip/Jack Connectors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HTHJ26-18 | LTHJR/L | $4^{7 / 8}$ | 1 | (16) 10d | (12) 10d | --- | --- | --- | 910 | 1050 | 1205 | 400 | 400 | 1205 | 400 | 400 | 1205 | 400 | 400 | 1205 |
|  |  | $4^{7 / 8}$ | 1 | (16) 16d | (12) 16d | --- | --- | --- | 910 | 1050 | 1320 | 400 | 400 | 1320 | 400 | 400 | 1320 | 400 | 400 | 1320 |
|  |  | $4^{7 / 8}$ | 2 | (16) 10d | (12) 10d | --- | --- | --- | 1825 | 2095 | 1205 | 665 | 760 | 1205 | 400 | 400 | 1205 | 400 | 400 | 1205 |
|  |  | $4^{7} / 8$ | 2 | (16) 16d | (12) 16d | --- | --- | --- | 1825 | 2095 | 1430 | 665 | 760 | 1430 | 400 | 400 | 1430 | 400 | 400 | 1430 |
| HJC26 | --- | $5^{3} / 16$ | 1 | (16) 10d | (12) 10d | --- | --- | --- | 2010 | 2305 | 1525 | 555 | 640 | 1525 | 400 | 400 | 1525 | 400 | 400 | 1525 |
|  |  | $5^{3 / 16}$ | 1 | (16) 16d | (12) 10d | --- | --- | --- | 2200 | 2530 | 1525 | 555 | 640 | 1525 | 400 | 400 | 1525 | 400 | 400 | 1525 |
|  |  | $5^{3 / 16}$ | 2 | (16) 10d | (12) 10d | --- | --- | --- | 2010 | 2305 | 1525 | 1110 | 1280 | 1525 | 575 | 660 | 1525 | 400 | 400 | 1525 |
|  |  | $5^{3 / 16}$ | 2 | (16) 16d | (12) 10d | --- | --- | --- | 2385 | 2740 | 1525 | 1110 | 1280 | 1525 | 575 | 660 | 1525 | 400 | 400 | 1525 |
| HHC26 | --- | $4^{15 / 16}$ | 1 | (20) 10d | (10) 10d | --- | --- | --- | 2510 | 2885 | 1015 | 525 | 605 | 1015 | 400 | 400 | 1015 | 400 | 400 | 1015 |
|  |  | $4^{15 / 16}$ | 1 | (20) 16d | (10) 10d | --- | --- | --- | 2750 | 3160 | 1015 | 525 | 605 | 1015 | 400 | 400 | 1015 | 400 | 400 | 1015 |
|  |  | $4^{15 / 16}$ | 2 | (20) 10d | (10) 10d | --- | --- | --- | 2510 | 2885 | 1015 | 1055 | 1215 | 1015 | 550 | 635 | 1015 | 400 | 400 | 1015 |
|  |  | $4^{15 / 16}$ | 2 | (20) 16d | (10) 10d | --- | --- | --- | 2980 | 3425 | 1015 | 1055 | 1215 | 1015 | 550 | 635 | 1015 | 400 | 400 | 1015 |
| HJHC26 | --- | $5^{7 / 16}$ | 1 | (20) 10d | (12) 10d | --- | --- | --- | 2510 | 2885 | 1840 | 525 | 605 | 1840 | 400 | 400 | 1840 | 400 | 400 | 1840 |
|  |  | $5^{7 / 16}$ | 1 | (20) 16d | (12) 10d | --- | --- | --- | 2750 | 3160 | 1840 | 525 | 605 | 1840 | 400 | 400 | 1840 | 400 | 400 | 1840 |
|  |  | $5^{7 / 16}$ | 2 | (20) 10 d | (12) 10 d | --- | --- | --- | 2510 | 2885 | 1840 | 1055 | 1215 | 1840 | 550 | 635 | 1840 | 400 | 400 | 1840 |
|  |  | $5^{7 / 16}$ | 2 | (20) 16 d | (12) 10d | --- | --- | --- | 2980 | 3425 | 1840 | 1055 | 1215 | 1840 | 550 | 635 | 1840 | 400 | 400 | 1840 |
| HJC28 | --- | $6^{1 / 4}$ | 1 | (20) 10d | (14) 10d | --- | --- | --- | --- | --- | --- | 2510 | 2885 | 1780 | 895 | 1030 | 1780 | 485 | 560 | 1780 |
|  |  | $6^{1 / 4}$ | 1 | (20) 16d | (14) 10d | --- | --- | --- | --- | --- | --- | 2750 | 3160 | 1780 | 895 | 1030 | 1780 | 485 | 560 | 1780 |
|  |  | $6^{1 / 4}$ | 2 | (20) 10d | (14) 10d | --- | --- | --- | --- | --- | --- | 2510 | 2885 | 1780 | 1790 | 2060 | 1780 | 970 | 1120 | 1780 |
|  |  | $6^{1 / 4}$ | 2 | (20) 16d | (14) 10d | --- | --- | --- | --- | --- | --- | 2980 | 3425 | 1780 | 1790 | 2060 | 1780 | 970 | 1120 | 1780 |
| HHC28 | --- | 6 | 1 | (24) 10d | (12) 10d | --- | --- | --- | --- | --- | --- | 2950 | 2950 | 1840 | 840 | 965 | 1840 | 465 | 535 | 1840 |
|  |  | 6 | 1 | (24) 16d | (12) 10d | --- | --- | --- | --- | --- | --- | 3235 | 3235 | 1840 | 840 | 965 | 1840 | 465 | 535 | 1840 |
|  |  | 6 | 2 | (24) 10d | (12) 10d | --- | --- | --- | --- | --- | --- | 2950 | 2950 | 1840 | 1680 | 1930 | 1840 | 925 | 1065 | 1840 |
|  |  | 6 | 2 | (24) 16d | (12) 10 d | --- | --- | --- | --- | --- | --- | 3505 | 3505 | 1840 | 1680 | 1930 | 1840 | 925 | 1065 | 1840 |
| HJHC28 | MTHM | $6^{1 / 2}$ | 1 | (24) 10d | (14) 10d | --- | --- | --- | --- | --- | --- | 2950 | 2950 | 1840 | 855 | 985 | 1840 | 470 | 540 | 1840 |
|  |  | $6^{1 / 2}$ | 1 | (24) 16d | (14) 10d | --- | --- | --- | --- | --- | --- | 3235 | 3235 | 1840 | 855 | 985 | 1840 | 470 | 540 | 1840 |
|  |  | $6^{1 / 2}$ | 2 | (24) 10d | (14) 10d | --- | --- | --- | --- | --- | --- | 2950 | 2950 | 1840 | 1715 | 1970 | 1840 | 940 | 1085 | 1840 |
|  |  | $6^{1 / 2}$ | 2 | (24) 16 d | (14) 10d | --- | --- | --- | --- | --- | --- | 3505 | 3505 | 1840 | 1715 | 1970 | 1840 | 940 | 1085 | 1840 |
| Adjustable Slope/Skew Connectors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LSSH210 <br> Sloped only <br> LSSH210 <br> Sloped \& Skewed <br> LSSH179 | LSSU210 | 8 | 1 | (10) 10d | (7) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 545 | 625 | 1065 | 400 | 400 | 1065 |
|  |  | 8 | 2 | (10) 10d | (7) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1085 | 1250 | 1065 | 660 | 760 | 1065 |
|  | LSSU210 | 8 | 1 | (10) 10d | (7) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 545 | 625 | 1065 | 400 | 400 | 1065 |
|  |  | 8 | 2 | (10) 10d | (7) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1085 | 1250 | 1065 | 660 | 760 | 1065 |
| LSSH179 Sloped only | LSSUI25 | 8 | 1 | (10) 10 d | (7) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 545 | 625 | 1065 | 400 | 400 | 1065 |
|  |  | 8 | 2 | (10) 10d | (7) $10 \mathrm{dx} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1085 | 1250 | 1065 | 660 | 760 | 1065 |
| LSSH179 <br> Sloped \& Skewed | LSSUI25 | 8 | 1 | (10) 10d | (7) $10 \mathrm{dx} \times 11 / 2$ | --- | --- | --- | --- | --- | -- | --- | --- | --- | 545 | 625 | 1065 | 400 | 400 | 1065 |
|  |  | 8 | 2 | (10) 10d | (7) $10 \mathrm{dx} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1085 | 1250 | 1065 | 660 | 760 | 1065 |
| $\begin{array}{\|l} \hline \text { LSSH31 } \\ \text { Sloped only } \end{array}$ | LSSU210-2 | $7^{3} / 16$ | 1 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 1 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |
| LSSH31 <br> Sloped \& Skewed | LSSU210-2 | $7^{3 / 16}$ | 1 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 1 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |
| $\begin{array}{\|l\|} \hline \text { LSSH35 } \\ \text { Sloped Only } \end{array}$ | LSSU410 | $7^{3 / 16}$ | 1 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 1 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | -- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |
| LSSH35 <br> Sloped \& Skewed | LSSU410 | $7^{3 / 16}$ | 1 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 1 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 595 | 685 | 1585 | 400 | 410 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 10d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |
|  |  | $7^{3 / 16}$ | 2 | (14) 16d | (12) $10 \mathrm{~d} \times 11 / 2$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1195 | 1370 | 1585 | 715 | 820 | 1585 |

[^0]
[^0]:    2) Minimum heel height is measured from the top of the bearing seat to the uppermost nail into the supporting member $+3 / 8^{\prime \prime}$.
    3) ANSI/TPI 1-2014 contains plating methods for satisfying this requirement. To avoid reduction of capacity, please consult with truss fabricator or contact MiTek USA.
    4) NAILS: $10 \mathrm{~d} \times 1-1 / 2^{\prime \prime}$ nails are $0.148^{\prime \prime}$ dia. $\times 1-1 / 2^{\prime \prime}$ long, 10 d nails are $0.148^{\prime \prime}$ dia. $\times 3^{\prime \prime}$ long, 16 d nails are 0.162 " dia. $\times 3-1 / 2^{\prime \prime}$ long.
