



HF (G=0.43) Allowable Design Loads for Truss Connections

Including Low Heel Height, Short Headers, and ANSI/TPI Reductions

| MiTek Stock No. | No of Plies | 2x6 Girder Bottom Chord | | | | | | | | 2x8 Girder Bottom Chord | | | | | | | | 2x10 Girder Bottom Chord | | | | | | | |
|------------------------------|-------------|-------------------------|------|-------|-------------|------------------------|------|------|--------|-------------------------|------|-------|-------------|------------------------|------|------|--------|--------------------------|------|-------|-------------|------------------------|------|------|--------|
| | | Fastener Schedule | | | | Allowable Loads (Lbs.) | | | | Fastener Schedule | | | | Allowable Loads (Lbs.) | | | | Fastener Schedule | | | | Allowable Loads (Lbs.) | | | |
| | | Header | | Joist | | Download | | | Uplift | Header | | Joist | | Download | | | Uplift | Header | | Joist | | Download | | | Uplift |
| | | Qty | Type | Qty | Type | 100% | 115% | 125% | 160% | Qty | Type | Qty | Type | 100% | 115% | 125% | 160% | Qty | Type | Qty | Type | 100% | 115% | 125% | 160% |
| 3.5" Min. Heel Height | | | | | | | | | | | | | | | | | | | | | | | | | |
| JL24 | 1 | 4 | 10d | 2 | 10d x 1-1/2 | 400 | 460 | 500 | 275 | 4 | 10d | 2 | 10d x 1-1/2 | 400 | 460 | 500 | 275 | 4 | 10d | 2 | 10d x 1-1/2 | 400 | 460 | 500 | 275 |
| JUS24 | 1 | 4 | 10d | 2 | 10d | 580 | 595 | 595 | 600 | 4 | 10d | 2 | 10d | 580 | 595 | 595 | 600 | 4 | 10d | 2 | 10d | 580 | 595 | 595 | 600 |
| HD26 | 1 | 4 | 16d | 2 | 10d x 1-1/2 | 470 | 540 | 585 | 195 | 4 | 16d | 2 | 10d x 1-1/2 | 470 | 540 | 585 | 195 | 4 | 16d | 2 | 10d x 1-1/2 | 470 | 540 | 585 | 195 |
| JUS26 | 1 | 4 | 10d | 2 | 10d | 580 | 665 | 725 | 550 | 4 | 10d | 2 | 10d | 580 | 665 | 725 | 550 | 4 | 10d | 2 | 10d | 580 | 665 | 725 | 550 |
| JL26 | 1 | 8 | 10d | 2 | 10d x 1-1/2 | 800 | 885 | 885 | 285 | 8 | 10d | 2 | 10d x 1-1/2 | 800 | 885 | 885 | 285 | 8 | 10d | 2 | 10d x 1-1/2 | 800 | 885 | 885 | 285 |
| MUS26 | 1 | 6 | 10d | 4 | 10d | 950 | 1035 | 1035 | 350 | 6 | 10d | 4 | 10d | 950 | 1035 | 1035 | 350 | 6 | 10d | 4 | 10d | 950 | 970 | 970 | 350 |
| THD26 | 1 | 18 | 16d | 8 | 10d x 1-1/2 | 2110 | 2425 | 2640 | 900 | 18 | 16d | 8 | 10d x 1-1/2 | 1280 | 1280 | 1280 | 900 | 18 | 16d | 8 | 10d x 1-1/2 | 1075 | 1075 | 1075 | 900 |
| HUS26 | 1 | 14 | 16d | 4 | 16d | 1710 | 1710 | 1710 | 420 | 14 | 16d | 4 | 16d | 1280 | 1280 | 1280 | 420 | 14 | 16d | 4 | 16d | 1075 | 1075 | 1075 | 420 |
| JUS28 | 1 | 4 | 10d | 2 | 10d | 580 | 665 | 725 | 550 | 6 | 10d | 2 | 10d | 780 | 900 | 980 | 550 | 6 | 10d | 2 | 10d | 780 | 900 | 980 | 550 |
| JL28 | 1 | 8 | 10d | 2 | 10d x 1-1/2 | 800 | 885 | 885 | 285 | 10 | 10d | 2 | 10d x 1-1/2 | 885 | 885 | 885 | 285 | 10 | 10d | 2 | 10d x 1-1/2 | 885 | 885 | 885 | 285 |
| HD28 | 1 | 8 | 16d | 2 | 10d x 1-1/2 | 940 | 1080 | 1125 | 220 | 8 | 16d | 2 | 10d x 1-1/2 | 940 | 1080 | 1110 | 220 | 8 | 16d | 2 | 10d x 1-1/2 | 940 | 995 | 995 | 220 |
| MUS28 | 1 | 6 | 10d | 4 | 10d | 950 | 1035 | 1035 | 350 | 8 | 10d | 4 | 10d | 1155 | 1330 | 1445 | 350 | 8 | 10d | 4 | 10d | 1155 | 1330 | 1445 | 350 |
| THD28 | 1 | 18 | 16d | 8 | 10d x 1-1/2 | 2110 | 2425 | 2640 | 900 | 28 | 16d | 8 | 10d x 1-1/2 | 3140 | 3140 | 3140 | 900 | 28 | 16d | 8 | 10d x 1-1/2 | 1865 | 1865 | 1865 | 900 |
| HUS28 | 1 | 14 | 16d | 4 | 16d | 1710 | 1710 | 1710 | 420 | 22 | 16d | 4 | 16d | 1710 | 1710 | 1710 | 420 | 22 | 16d | 4 | 16d | 1710 | 1710 | 1710 | 420 |
| JUS210 | 1 | 4 | 10d | 2 | 10d | 580 | 665 | 725 | 550 | 6 | 10d | 2 | 10d | 780 | 900 | 980 | 550 | 8 | 10d | 2 | 10d | 985 | 1135 | 1235 | 550 |
| HD210 | 1 | 8 | 16d | 2 | 10d x 1-1/2 | 940 | 1080 | 1125 | 220 | 10 | 16d | 2 | 10d x 1-1/2 | 1125 | 1125 | 1125 | 220 | 10 | 16d | 2 | 10d x 1-1/2 | 1125 | 1125 | 1125 | 220 |
| HUS210 | 1 | 14 | 16d | 4 | 16d | 1710 | 1710 | 1710 | 420 | 22 | 16d | 4 | 16d | 1710 | 1710 | 1710 | 420 | 30 | 16d | 4 | 16d | 1710 | 1710 | 1710 | 420 |
| JUS24-2 | 2 | 4 | 16d | 2 | 16d | 650 | 675 | 675 | 605 | 4 | 16d | 2 | 16d | 650 | 660 | 660 | 605 | 4 | 16d | 2 | 16d | 650 | 660 | 660 | 605 |
| JUS26-2 | 2 | 4 | 16d | 2 | 16d | 650 | 745 | 810 | 630 | 4 | 16d | 2 | 16d | 650 | 745 | 810 | 630 | 4 | 16d | 2 | 16d | 650 | 745 | 810 | 630 |
| THD26-2 | 2 | 18 | 16d | 8 | 10d | 2110 | 2425 | 2640 | 900 | 18 | 16d | 8 | 10d | 1280 | 1280 | 1280 | 900 | 18 | 16d | 8 | 10d | 1075 | 1075 | 1075 | 900 |
| THDH26-2 | 2 | 22 | 16d | 4 | 16d | 3165 | 3640 | 3955 | 670 | 22 | 16d | 4 | 16d | 1405 | 1405 | 1405 | 670 | 22 | 16d | 4 | 16d | 1125 | 1125 | 1125 | 670 |
| THD28-2 | 2 | 18 | 16d | 8 | 10d | 2110 | 2425 | 2640 | 900 | 28 | 16d | 8 | 10d | 3140 | 3140 | 3140 | 900 | 28 | 16d | 8 | 10d | 1865 | 1865 | 1865 | 900 |
| THDH28-2 | 2 | 22 | 16d | 4 | 16d | 3165 | 3640 | 3955 | 670 | 36 | 16d | 4 | 16d | 4925 | 5660 | 6000 | 670 | 36 | 16d | 4 | 16d | 1915 | 1915 | 1915 | 670 |
| 5.5" Min. Heel Height | | | | | | | | | | | | | | | | | | | | | | | | | |
| JL24 | 1 | 4 | 10d | 2 | 10d x 1-1/2 | 400 | 460 | 500 | 275 | 4 | 10d | 2 | 10d x 1-1/2 | 400 | 460 | 500 | 275 | 4 | 10d | 2 | 10d x 1-1/2 | 400 | 460 | 500 | 275 |
| JUS24 | 1 | 4 | 10d | 2 | 10d | 580 | 595 | 595 | 600 | 4 | 10d | 2 | 10d | 580 | 595 | 595 | 600 | 4 | 10d | 2 | 10d | 580 | 595 | 595 | 600 |
| HD26 | 1 | 4 | 16d | 2 | 10d x 1-1/2 | 470 | 540 | 585 | 195 | 4 | 16d | 2 | 10d x 1-1/2 | 470 | 540 | 585 | 195 | 4 | 16d | 2 | 10d x 1-1/2 | 470 | 540 | 585 | 195 |
| JUS26 | 1 | 4 | 10d | 2 | 10d | 750 | 860 | 935 | 550 | 4 | 10d | 2 | 10d | 750 | 860 | 935 | 550 | 4 | 10d | 2 | 10d | 750 | 800 | 800 | 550 |
| JL26 | 1 | 8 | 10d | 4 | 10d x 1-1/2 | 800 | 885 | 885 | 285 | 8 | 10d | 4 | 10d x 1-1/2 | 800 | 885 | 885 | 285 | 8 | 10d | 4 | 10d x 1-1/2 | 800 | 885 | 885 | 285 |
| MUS26 | 1 | 6 | 10d | 6 | 10d | 1035 | 1035 | 1035 | 350 | 6 | 10d | 6 | 10d | 1035 | 1035 | 1035 | 350 | 6 | 10d | 6 | 10d | 970 | 970 | 970 | 350 |
| THD26 | 1 | 18 | 16d | 12 | 10d x 1-1/2 | 2110 | 2425 | 2640 | 900 | 18 | 16d | 12 | 10d x 1-1/2 | 1280 | 1280 | 1280 | 900 | 18 | 16d | 12 | 10d x 1-1/2 | 1075 | 1075 | 1075 | 900 |
| HUS26 | 1 | 14 | 16d | 6 | 16d | 1710 | 1710 | 1710 | 420 | 14 | 16d | 6 | 16d | 1280 | 1280 | 1280 | 420 | 14 | 16d | 6 | 16d | 1075 | 1075 | 1075 | 420 |
| JUS28 | 1 | 4 | 10d | 2 | 10d | 750 | 860 | 935 | 550 | 6 | 10d | 2 | 10d | 950 | 1095 | 1190 | 550 | 6 | 10d | 2 | 10d | 950 | 1095 | 1190 | 550 |
| JL28 | 1 | 8 | 10d | 4 | 10d x 1-1/2 | 800 | 885 | 885 | 285 | 10 | 10d | 4 | 10d x 1-1/2 | 885 | 885 | 885 | 285 | 10 | 10d | 4 | 10d x 1-1/2 | 885 | 885 | 885 | 285 |
| HD28 | 1 | 8 | 16d | 4 | 10d x 1-1/2 | 940 | 1080 | 1125 | 220 | 8 | 16d | 4 | 10d x 1-1/2 | 940 | 1080 | 1110 | 220 | 8 | 16d | 4 | 10d x 1-1/2 | 940 | 995 | 995 | 220 |
| MUS28 | 1 | 6 | 10d | 6 | 10d | 1035 | 1035 | 1035 | 350 | 8 | 10d | 6 | 10d | 1325 | 1525 | 1625 | 675 | 8 | 10d | 6 | 10d | 1325 | 1500 | 1500 | 675 |
| THD28 | 1 | 18 | 16d | 12 | 10d x 1-1/2 | 2110 | 2425 | 2640 | 900 | 28 | 16d | 12 | 10d x 1-1/2 | 3140 | 3140 | 3140 | 1765 | 28 | 16d | 12 | 10d x 1-1/2 | 1865 | 1865 | 1865 | 1765 |
| HUS28 | 1 | 14 | 16d | 6 | 16d | 1710 | 1710 | 1710 | 420 | 22 | 16d | 6 | 16d | 2525 | 2525 | 2525 | 760 | 22 | 16d | 6 | 16d | 1865 | 1865 | 1865 | 760 |
| JUS210 | 1 | 4 | 10d | 2 | 10d | 750 | 860 | 935 | 550 | 6 | 10d | 2 | 10d | 950 | 1095 | 1190 | 550 | 8 | 10d | 2 | 10d | 1155 | 1330 | 1400 | 550 |
| HD210 | 1 | 8 | 16d | 4 | 10d x 1-1/2 | 940 | 1080 | 1125 | 220 | 10 | 16d | 4 | 10d x 1-1/2 | 1125 | 1125 | 1125 | 220 | 10 | 16d | 4 | 10d x 1-1/2 | 1125 | 1125 | 1125 | 220 |
| HUS210 | 1 | 14 | 16d | 6 | 16d | 1710 | 1710 | 1710 | 420 | 22 | 16d | 6 | 16d | 2525 | 2525 | 2525 | 760 | 30 | 16d | 6 | 16d | 2525 | 2525 | 2525 | 760 |
| JUS24-2 | 2 | 4 | 16d | 2 | 16d | 650 | 675 | 675 | 605 | 4 | 16d | 2 | 16d | 650 | 660 | 660 | 605 | 4 | 16d | 2 | 16d | 650 | 660 | 660 | 605 |
| JUS26-2 | 2 | 4 | 16d | 2 | 16d | 850 | 980 | 1065 | 630 | 4 | 16d | 2 | 16d | 850 | 980 | 1065 | 630 | 4 | 16d | 2 | 16d | 850 | 980 | 1055 | 630 |
| THD26-2 | 2 | 18 | 16d | 12 | 10d | 2110 | 2425 | 2640 | 900 | 18 | 16d | 12 | 10d | 1280 | 1280 | 1280 | 900 | 18 | 16d | 12 | 10d | 1075 | 1075 | 1075 | 900 |
| THDH26-2 | 2 | 22 | 16d | 8 | 16d | 3570 | 4105 | 4355 | 670 | 22 | 16d | 8 | 16d | 1405 | 1405 | 1405 | 670 | 22 | 16d | 8 | 16d | 1125 | 1125 | 1125 | 670 |
| THD28-2 | 2 | 18 | 16d | 12 | 10d | 2110 | 2425 | 2640 | 900 | 28 | 16d | 12 | 10d | 3140 | 3140 | 3140 | 1765 | 28 | 16d | 12 | 10d | 1865 | 1865 | 1865 | 1765 |
| THDH28-2 | 2 | 22 | 16d | 8 | 16d | 3570 | 4105 | 4355 | 1765 | 36 | 16d | 8 | 16d | 5325 | 6000 | 6000 | 1765 | 36 | 16d | 8 | 16d | 1915 | 1915 | 1915 | 1765 |