

| Supported Member | MiTek Stock No. ^{4,5} | Ref. No. | Dimensions (in) | | | | | | Fastener Schedule ^{2,3,6} | | | | | | No of Plies | DF/SP | | | S-P-F | | |
|------------------------|--------------------------------|----------|-----------------|--------|--------|--------|-------|-------|------------------------------------|---------------|-----------------|-------------|---------------|-------------|-------------|------------------------|-------|-------------|------------------------|-------|-------------|
| | | | W1 | W2 | L | H | D | B | Supporting Truss | | Supported Truss | | Supported Hip | | | Allowable Loads (Lbs.) | | | Allowable Loads (Lbs.) | | |
| | | | | | | | | | Qty | Bolt Dia (in) | Qty | Type | Qty | Type | | Supporting Member | | | Supporting Member | | |
| | | | | | | | | | | | | | | | | 100% | 115% | Uplift 160% | 100% | 115% | Uplift 160% |
| 2-ply | GT2T2B | -- | 3-7/16 | -- | 6 | 19 | 4-1/2 | -- | 2 | 3/4 | 12 | 16d | -- | -- | 2 | 2950 | 3390 | 2705 | 2515 | 2895 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 3340 | 3840 | | 3085 | 3475 | |
| | GT2T2BH | -- | 3-7/16 | -- | 6 | 22-1/4 | 4-1/2 | -- | 2 | 1 | 12 | 16d | -- | -- | 2 | 3920 | 4510 | 2705 | 3330 | 3830 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 5550 | 5550 | | 4660 | 4660 | |
| | GT2T3B | -- | 3-7/16 | -- | 6 | 22 | 4-1/2 | -- | 3 | 3/4 | 12 | 16d | -- | -- | 2 | 4370 | 5025 | 2705 | 3710 | 4265 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 4985 | 5730 | | 4590 | 5220 | |
| | GT2T4B | THGB2 | 3-7/16 | -- | 7 | 19 | 5-1/2 | -- | 4 | 3/4 | 12 | 16d | -- | -- | 2 | 5905 | 6790 | 2705 | 5040 | 5795 | 2270 |
| ≥ 3 | | | | | | | | | | | | | | | 6680 | 7680 | 6175 | | 7100 | | |
| GT2T6B | -- | 3-7/16 | -- | 7-1/4 | 22 | 6 | -- | 6 | 3/4 | 12 | 16d | -- | -- | 2 | 8860 | 10190 | 2705 | 7560 | 8695 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 10020 | 11520 | | 9260 | 9940 | | |
| GT2T6BH | -- | 3-7/16 | -- | 7-1/4 | 26-1/4 | 6 | -- | 6 | 1 | 12 | 16d | -- | -- | 2 | 11795 | 13565 | 2705 | 9640 | 9940 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 13580 | 13925 | | 9640 | 9940 | | |
| GT2T8B | THGBH2 | 3-7/16 | -- | 7-1/4 | 25 | 6 | -- | 8 | 3/4 | 12 | 16d | -- | -- | 2 | 11815 | 13585 | 2705 | 9640 | 9940 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 13355 | 13925 | | 9640 | 9940 | | |
| 3-ply | GT3T3B | -- | 5-1/8 | -- | 6 | 22 | 4-1/2 | -- | 3 | 3/4 | 12 | 16d | -- | -- | 2 | 4370 | 5025 | 2705 | 3710 | 4265 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 4985 | 5730 | | 4590 | 5275 | |
| | GT3T3BH | -- | 5-1/8 | -- | 6 | 26-1/4 | 4-1/2 | -- | 3 | 1 | 12 | 16d | -- | -- | 2 | 5740 | 6605 | 2705 | 4830 | 5555 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 8490 | 8790 | | 7160 | 7385 | |
| | GT3T4B | THGB3 | 5-1/8 | -- | 7 | 19 | 5-1/2 | -- | 4 | 3/4 | 12 | 16d | -- | -- | 2 | 5905 | 6790 | 2705 | 5040 | 5795 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 6680 | 7680 | | 6175 | 7100 | |
| | GT3T4BH | -- | 5-1/8 | -- | 7 | 22-1/4 | 5-1/2 | -- | 4 | 1 | 12 | 16d | -- | -- | 2 | 7865 | 9045 | 2705 | 6685 | 7690 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 11435 | 13150 | | 9720 | 11180 | |
| GT3T6B | -- | 5-1/8 | -- | 7-1/4 | 22 | 6 | -- | 6 | 3/4 | 12 | 16d | -- | -- | 2 | 8860 | 10190 | 2705 | 7560 | 8695 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 10020 | 11520 | | 9260 | 10650 | | |
| GT3T6BH | -- | 5-1/8 | -- | 7-1/4 | 26-1/4 | 6 | -- | 6 | 1 | 12 | 16d | -- | -- | 2 | 11795 | 13565 | 2705 | 10030 | 11535 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 14860 | 14860 | | 13075 | 13075 | | |
| GT3T8B | THGBH3 | 5-1/8 | -- | 7-1/4 | 25 | 6 | -- | 8 | 3/4 | 12 | 16d | -- | -- | 2 | 11815 | 13585 | 2705 | 10080 | 11590 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 13355 | 15360 | | 12350 | 13090 | | |
| GT3T8BH | -- | 5-1/8 | -- | 7-1/4 | 30-1/4 | 6 | -- | 8 | 1 | 12 | 16d | -- | -- | 2 | 15725 | 18085 | 2705 | 13370 | 13765 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 19205 | 19465 | | 13465 | 13765 | | |
| 4-ply | GT4T4B | -- | 6-1/2 | -- | 7-1/2 | 19 | 5-1/2 | -- | 4 | 3/4 | 12 | 16d | -- | -- | 2 | 5905 | 6790 | 2705 | 5040 | 5795 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 6680 | 7680 | | 6175 | 7100 | |
| | GT4T4BH | -- | 6-1/2 | -- | 7-1/2 | 22-1/4 | 5-1/2 | -- | 4 | 1 | 12 | 16d | -- | -- | 2 | 7860 | 9040 | 2705 | 6685 | 7685 | 2270 |
| | | | | | | | | | | | | | | | ≥ 3 | 11440 | 11555 | | 9720 | 10100 | |
| | GT4T6B | -- | 6-1/2 | -- | 7-1/2 | 22 | 6 | -- | 6 | 3/4 | 12 | 16d | -- | -- | 2 | 8860 | 10185 | 2705 | 7560 | 8690 | 2270 |
| ≥ 3 | | | | | | | | | | | | | | | 10020 | 11525 | 9260 | | 10650 | | |
| GT4T6BH | -- | 6-1/2 | -- | 7-1/2 | 26-1/4 | 6 | -- | 6 | 1 | 12 | 16d | -- | -- | 2 | 11790 | 13560 | 2705 | 10025 | 11530 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 14860 | 14860 | | 13075 | 13075 | | |
| GT4T8B | THGBH4 | 6-1/2 | -- | 7-1/2 | 25 | 6 | -- | 8 | 3/4 | 12 | 16d | -- | -- | 2 | 11810 | 13580 | 2705 | 10080 | 11590 | 2270 | |
| | | | | | | | | | | | | | | ≥ 3 | 13360 | 15365 | | 12345 | 13090 | | |
| 5-ply | GT5T8BH | -- | 8-1/8 | -- | 9-1/4 | 30-1/4 | 6 | -- | 8 | 1 | 12 | 16d | -- | -- | 2 | 15690 | 18045 | 2705 | 13340 | 15345 | 2270 |
| ≥ 3 | 19465 | 19465 | 16350 | 16350 | | | | | | | | | | | | | | | | | |
| 2-ply skewed 45° | GT2T2BSKL/R | -- | 3-7/16 | -- | 6 | 19 | -- | 9-1/4 | 3 | 3/4 | 12 | 16d | -- | -- | 2 | 2920 | 3355 | 2000 | 2555 | 2715 | 1600 |
| | | | | | | | | | | | | | | | ≥ 3 | 3295 | 3785 | | 3075 | 3075 | |
| | GT2T4BSKL/R | -- | 3-7/16 | -- | 7-1/4 | 19 | -- | 9-1/4 | 5 | 3/4 | 12 | 16d | -- | -- | 2 | 5835 | 6710 | 2000 | 5110 | 5875 | 1600 |
| | | | | | | | | | | | | | | | ≥ 3 | 6585 | 7575 | | 6220 | 6675 | |
| 1-ply hip & jack | GTS1T1H3BSKL/R | -- | 1-5/8 | 1-5/8 | 9-1/4 | 22 | -- | 5-1/2 | 4 | 3/4 | 4 | 10d x 1-1/2 | 4 | 10d x 1-1/2 | 2 | 4215 | 4850 | -- | 3690 | 4005 | -- |
| | | | | | | | | | | | | | | | ≥ 3 | 4755 | 5470 | | 4495 | 4570 | |
| | GTS1T1H4BSKL/R | -- | 1-5/8 | 1-5/8 | 9-1/4 | 19 | -- | 5-1/2 | 5 | 3/4 | 4 | 10d x 1-1/2 | 4 | 10d x 1-1/2 | 2 | 5830 | 6705 | -- | 5105 | 5760 | -- |
| | | | | | | | | | | | | | | | ≥ 3 | 6580 | 7565 | | 5590 | 5760 | |
| 2-ply hip & 1-ply jack | GTS1T2H3BSKL/R | -- | 1-5/8 | 3-7/16 | 9-1/4 | 22 | -- | 5-1/2 | 4 | 3/4 | 4 | 10d x 1-1/2 | 4 | 10d x 1-1/2 | 2 | 4215 | 4850 | -- | 3690 | 3985 | -- |
| | | | | | | | | | | | | | | | ≥ 3 | 4755 | 5470 | | 4495 | 4545 | |
| 1-ply terminal hip | GTD1T1H2B | -- | 1-5/8 | 1-5/8 | 6 | 19 | -- | 5-1/2 | 2 | 3/4 | 4 | 10d x 1-1/2 | 4 | 10d x 1-1/2 | 2 | 2920 | 3360 | -- | 2555 | 2940 | -- |
| | | | | | | | | | | | | | | | ≥ 3 | 3295 | 3790 | | 3115 | 3295 | |
| 1-ply terminal hip | GTD1T1H3B | -- | 1-5/8 | 1-5/8 | 6 | 22 | -- | 5-1/2 | 3 | 3/4 | 4 | 10d x 1-1/2 | 4 | 10d x 1-1/2 | 2 | 4240 | 4875 | -- | 3710 | 3990 | -- |
| | | | | | | | | | | | | | | | ≥ 3 | 4785 | 5500 | | 4520 | 4550 | |
| 2-ply terminal hip | GTD1T2H3B | -- | 1-5/8 | 3-7/16 | 8 | 22 | -- | 5-1/2 | 3 | 3/4 | 4 | 10d x 1-1/2 | 4 | 10d x 1-1/2 | 2 | 4225 | 4855 | -- | 3695 | 3975 | -- |
| | | | | | | | | | | | | | | | ≥ 3 | 4765 | 5480 | | 4500 | 4535 | |

1) The listed loads for GTS and GTD is the total of hip and jack connection.
2) Bolts shall conform to ASTM A 307 or better.
3) GT Series require 2 x 6 vertical member for 2, 3, and 4 bolt hangers and 2 x 8 for 6 and 8 bolt hangers.
4) All side pocket applications assume 45° angle.
5) Must specify right or left for all GTS and GT skewed.
6) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 16d nails are 0.162" dia. x 3-1/2" long.