

| Joist Size (in) | MiTek Stock No. | Ref. No. | Web Stiff Req'd | Ga | Dimensions (in) | | | | Fastener Schedule ³ | | | | DF/SP Header Allowable Loads (Lbs.) | | | | S-P-F Header Allowable Loads (Lbs.) | | | | |
|-------------------------|-----------------|------------------------|-----------------|-------|-----------------|----------|-------|--------|--------------------------------|--------|------|--------------------|-------------------------------------|------|------|------|-------------------------------------|------|------|------|-----------------------|
| | | | | | W | H | D | A | Min/Max | Header | | Joist ² | | 100% | 115% | 125% | Uplift ^{1,2} | 100% | 115% | 125% | Uplift ^{1,2} |
| | | | | | | | | | | Qty | Type | Qty | Type | | | | | | | | |
| 3-1/4 x 9-1/4 | IHF16925-2 | -- | -- | 16 | 3-3/8 | 9-1/16 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1375 | 1375 | 330 | 1085 | 1085 | 1085 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 4000 | 4320 | | 3105 | 3520 | 3720 | |
| 3-1/4 x 11-1/4 | IHF16112-2 | -- | -- | 16 | 3-3/8 | 10-3/4 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1375 | 1375 | 330 | 1085 | 1085 | 1085 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 3960 | 3960 | | 3105 | 3125 | 3125 | |
| 3-1/2 x 9-1/4 - 9-1/2 | IHFL35925 | IUS3.56/9.5 | -- | 18 | 3-1/2 | 8-5/8 | 2-1/2 | 1-1/8 | -- | 10 | 10d | -- | -- | 1200 | 1370 | 1475 | 50 | 1040 | 1185 | 1275 | 40 |
| | IHF35925 | MIU3.56/9 | -- | 16 | 3-1/2 | 8-5/8 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1375 | 1375 | 330 | 1085 | 1085 | 1085 | 260 |
| | | | | | | | | | Max | 24 | 16d | 2 | 10d x 1-1/2 | 3530 | 4000 | 4320 | | | 3105 | 3520 | |
| 3-1/2 x 11-1/4 - 11-7/8 | IHFL35112 | IUS3.56/11.88 | -- | 18 | 3-1/2 | 10-5/8 | 2-1/2 | 1-1/8 | Min | 10 | 10d | -- | -- | 1200 | 1370 | 1475 | 50 | 1040 | 1185 | 1275 | 40 |
| | | | | | | | | | Max | 12 | 10d | | | 1440 | 1640 | 1770 | | 1245 | 1420 | 1530 | |
| | IHF35112 | MIU3.56/11 | -- | 16 | 3-1/2 | 10-5/8 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1375 | 1375 | 330 | 1085 | 1085 | 1085 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 3960 | 3960 | | 3105 | 3125 | 3125 | |
| 3-1/2 x 14 | IHFL3514 | IUS3.56/14 | -- | 18 | 3-1/2 | 12-15/16 | 2-1/2 | 1-1/8 | Min | 12 | 10d | -- | -- | 1440 | 1640 | 1770 | 50 | 1245 | 1420 | 1530 | 40 |
| | | | | | | | | | Max | 14 | 10d | | | 1680 | 1915 | 2065 | | 1455 | 1660 | 1785 | |
| | IHF3514 | MIU3.56/14 | -- | 16 | 3-1/2 | 12-15/16 | 2-1/2 | 1-1/8 | Min | 12 | 10d | 2 | 10d x 1-1/2 | 1500 | 1685 | 1815 | 330 | 1320 | 1480 | 1595 | 260 |
| | | | | | | | | | Max | 28 | 16d | | | 4115 | 4440 | 4440 | | 3620 | 3965 | 3985 | |
| 3-1/2 x 16 | IHFL3516 | IUS3.56/16 | -- | 18 | 3-1/2 | 15 | 2-1/2 | 1-1/8 | Min | 14 | 10d | -- | -- | 1680 | 1915 | 2065 | 50 | 1455 | 1660 | 1785 | 40 |
| | | | | | | | | | Max | 16 | 10d | | | 1920 | 2190 | 2360 | | 1660 | 1895 | 2040 | |
| | IHF3516 | MIU3.56/16 | -- | 16 | 3-1/2 | 15 | 2-1/2 | 1-1/8 | Min | 14 | 10d | 2 | 10d x 1-1/2 | 1750 | 1965 | 2120 | 330 | 1540 | 1730 | 1865 | 260 |
| | | | | | | | | | Max | 30 | 16d | | | 4410 | 4440 | 4440 | | 3880 | 3965 | 3985 | |
| THF17157-2 | -- | x | 12 | 3-5/8 | 15-3/4 | 2-1/2 | 1-1/4 | -- | 22 | 10d | 6 | 10d | 2925 | 3365 | 3660 | 1275 | 2560 | 2945 | 3200 | 1115 | |
| 3-1/2 x 18 | IHF3518 | MIU3.56/18 | -- | 16 | 3-1/2 | 16-9/16 | 2-1/2 | 1-1/8 | Min | 14 | 10d | 2 | 10d x 1-1/2 | 1750 | 1965 | 2120 | 330 | 1540 | 1730 | 1865 | 260 |
| | | | | | | | | | Max | 30 | 16d | | | 4410 | 4440 | 4440 | | 3880 | 3965 | 3985 | |
| 4 - 4-3/16 x 9-1/2 | IHF20925-2 | MIU4.12/9, MIU4.28/9 | -- | 16 | 4-3/16 | 8-11/16 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1405 | 1515 | 330 | 1100 | 1235 | 1330 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 3960 | 3960 | | 3105 | 3120 | 3120 | |
| 4 - 4-3/16 x 11-7/8 | IHF20112-2 | MIU4.12/11, MIU4.28/11 | -- | 16 | 4-3/16 | 11 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1405 | 1515 | 330 | 1100 | 1235 | 1330 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 3960 | 3960 | | 3105 | 3120 | 3120 | |
| 4 - 4-3/16 x 14 | IHF2014-2 | MIU4.12/14, MIU4.28/14 | -- | 16 | 4-3/16 | 13-5/8 | 2-1/2 | 1-1/8 | Min | 12 | 10d | 2 | 10d x 1-1/2 | 1500 | 1685 | 1815 | 330 | 1320 | 1480 | 1595 | 260 |
| | | | | | | | | | Max | 28 | 16d | | | 3960 | 3960 | 3960 | | 3120 | 3120 | 3120 | |
| 4-5/8 x 9-1/4 | IHF23925-2 | MIU4.75/9 | -- | 16 | 4-3/4 | 8-3/8 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1405 | 1515 | 330 | 1100 | 1235 | 1330 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 3960 | 3960 | | 3105 | 3120 | 3120 | |
| 4-5/8 x 11-1/4 | THF23118-2 | MIU4.75/11 | x | 16 | 4-3/4 | 10-11/16 | 2-1/2 | 1-1/4 | -- | 16 | 10d | 6 | 10d | 1890 | 2170 | 2360 | 1135 | 1650 | 1900 | 2065 | 990 |
| 4-5/8 x 14 | THF23140-2 | MIU4.75/14 | x | 12 | 4-3/4 | 13-5/16 | 2-1/2 | 1-1/4 | -- | 20 | 10d | 6 | 10d | 2660 | 3060 | 3325 | 1275 | 2325 | 2675 | 2910 | 1115 |
| 4-5/8 x 16 | THF23160-2 | MIU4.75/16 | x | 12 | 4-3/4 | 15-15/16 | 2-1/2 | 1-1/4 | -- | 24 | 10d | 6 | 10d | 3190 | 3670 | 3990 | 1275 | 2790 | 3165 | 3165 | 1115 |
| 5 x 9-1/4 | IHF25925-2 | MIU5.12/9 | -- | 16 | 5-1/8 | 8-3/16 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1405 | 1515 | 330 | 1100 | 1235 | 1330 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 3960 | 3960 | | 3105 | 3120 | 3120 | |
| 5 x 11-1/4 | IHF25112-2 | MIU5.12/11 | -- | 16 | 5-1/8 | 10-7/16 | 2-1/2 | 1-1/8 | Min | 10 | 10d | 2 | 10d x 1-1/2 | 1250 | 1405 | 1515 | 330 | 1100 | 1235 | 1330 | 260 |
| | | | | | | | | | Max | 24 | 16d | | | 3530 | 3960 | 3960 | | 3105 | 3120 | 3120 | |
| 5 x 14 | THF25140-2 | MIU5.12/14 | x | 12 | 5-1/8 | 13-1/8 | 2-1/2 | 1-1/4 | -- | 20 | 10d | 6 | 10d | 2660 | 3060 | 3325 | 1275 | 2340 | 2690 | 2925 | 1015 |
| 5 x 16 | THF25160-2 | MIU5.12/16 | x | 12 | 5-1/8 | 15-3/4 | 2-1/2 | 1-1/4 | -- | 24 | 10d | 6 | 10d | 3190 | 3670 | 3990 | 1275 | 2810 | 3160 | 3160 | 1015 |
| 7 x 9-1/4 | HD7100 | HU410-2 | x | 14 | 7-1/8 | 9 | 2-1/2 | 1-1/16 | Min | 14 | 16d | 6 | 16d | 2155 | 2430 | 2610 | 1305 | 1895 | 2140 | 2295 | 1035 |
| | | | | | | | | | Max | 18 | 16d | | | 2770 | 3125 | 3355 | | 1845 | 2440 | 2750 | |
| 7 x 11-1/4 | HD7120 | HU412-2 | x | 14 | 7-1/8 | 10-11/16 | 2-1/2 | 1-1/16 | Min | 16 | 16d | 6 | 16d | 2465 | 2780 | 2980 | 1305 | 2165 | 2445 | 2620 | 1035 |
| | | | | | | | | | Max | 22 | 16d | | | 3390 | 3820 | 4100 | | 1845 | 2980 | 3360 | |
| 7 x 14 | HD7140 | HU414-2 | x | 14 | 7-1/8 | 13 | 2-1/2 | 1-1/16 | Min | 20 | 16d | 8 | 16d | 3080 | 3475 | 3725 | 1845 | 2710 | 3055 | 3160 | 1620 |
| | | | | | | | | | Max | 26 | 16d | | | 4005 | 4435 | 4435 | | 2765 | 3520 | 3885 | |

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) IHFL (18GA) — install (2) 10d (0.148") x 1-1/2" nails through diamond dimple holes into the bottom chord of I-Joist member for a total uplift of 220 lbs.

IHF (16GA) — uplift capacity for hangers installed without joist nails is 65 lbs.

3) **NAILS:** 10d x 1-1/2" nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.

Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.