

BXUV.N852

Beam for Unprotected Floor/Ceiling, Fluted Decking

Restrained Beam

Lightweight Concrete

GCP APPLIED TECHNOLOGIES INC — Types MK-6/HY, MK-6/HY Extended Set, MK-10 HB, MK-10 HB Extended Set, MK-6/HB, MK-6s, MK-6 GF, MK-6 GF Extended Set, MK-1000/HB, MK-1000/HB Extended Set, RG, Z-106, Z-106/G, Z-106/HY, Z-146, Z-146T, Z146PC, Z-156, Z-156T and Z-156PC

| FULL FLANGE TIP THICKNESS (in.) | | | | | Member Size x Wt. W/D | HALF FLANGE TIP THICKNESS (in.) | | | | | |
|---------------------------------|--------|--------|---------|---------|--------------------------|---------------------------------|--------|-------|--------|---------|---------|
| 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr | | 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr | |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | W4 x 13 | 0.670 | 9/16 | 11/16 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | W5 x 16 | 0.664 | 9/16 | 11/16 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | W5 x 19 | 0.776 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 9/16 | 3/4 | 1 3/16 | 1 7/8 | 2 11/16 | W6 x 9 | 0.398 | 3/4 | 13/16 | 1 1/4 | 2 | 2 13/16 |
| 1/2 | 11/16 | 1 1/16 | 1 11/16 | 2 3/8 | W6 x 12 | 0.526 | 11/16 | 3/4 | 1 1/8 | 1 3/4 | 2 1/2 |
| 1/2 | 11/16 | 1 1/16 | 1 11/16 | 2 3/8 | W6 x 15 | 0.521 | 11/16 | 3/4 | 1 1/8 | 1 3/4 | 2 1/2 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | W6 x 16 | 0.684 | 9/16 | 5/8 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | W6 x 20 | 0.678 | 9/16 | 5/8 | 1 | 1 9/16 | 2 3/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | W6 x 25 | 0.839 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 9/16 | 3/4 | 1 3/16 | 1 15/16 | 2 3/4 | W8 x 10 | 0.375 | 3/4 | 7/8 | 1 5/16 | 2 1/16 | 2 7/8 |
| 1/2 | 11/16 | 1 1/8 | 1 3/4 | 2 1/2 | W8 x 13 | 0.483 | 11/16 | 3/4 | 1 3/16 | 1 13/16 | 2 9/16 |
| 1/2 | 5/8 | 1 1/16 | 1 5/8 | 2 5/16 | W8 x 15 | 0.551 | 5/8 | 3/4 | 1 1/8 | 1 3/4 | 2 7/16 |
| 1/2 | 5/8 | 1 | 1 5/8 | 2 1/4 | W8 x 18 | 0.583 | 5/8 | 11/16 | 1 1/16 | 1 11/16 | 2 3/8 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | W8 x 21 | 0.675 | 9/16 | 11/16 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 7/16 | 2 1/16 | W8 x 24 | 0.704 | 9/16 | 5/8 | 1 | 1 1/2 | 2 1/8 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | W8 x 28 | 0.819 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | W8 x 31 | 0.803 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 13/16 | W8 x 35 | 0.907 | 1/2 | 9/16 | 7/8 | 1 5/16 | 1 7/8 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 11/16 | W8 x 40 | 1.030 | 7/16 | 1/2 | 13/16 | 1 1/4 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W8 x 48 | 1.210 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | W8 x 58 | 1.440 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | W8 x 67 | 1.650 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 9/16 | 3/4 | 1 3/16 | 1 15/16 | 2 11/16 | W10 x 12 | 0.392 | 3/4 | 13/16 | 1 5/16 | 2 | 2 13/16 |
| 1/2 | 11/16 | 1 1/8 | 1 3/4 | 2 1/2 | W10 x 15 | 0.484 | 11/16 | 3/4 | 1 3/16 | 1 13/16 | 2 9/16 |
| 1/2 | 5/8 | 1 1/16 | 1 11/16 | 2 3/8 | W10 x 17 | 0.543 | 5/8 | 3/4 | 1 1/8 | 1 3/4 | 2 7/16 |
| 1/2 | 5/8 | 1 | 1 9/16 | 2 1/4 | W10 x 19 | 0.607 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 5/16 |
| 1/2 | 5/8 | 1 | 1 9/16 | 2 1/4 | W10 x 22 | 0.606 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 5/16 |
| 7/16 | 9/16 | 15/16 | 1 7/16 | 2 1/16 | W10 x 26 | 0.708 | 9/16 | 5/8 | 1 | 1 1/2 | 2 1/8 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | W10 x 30 | 0.809 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | W10 x 33 | 0.786 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 3/4 | W10 x 39 | 0.929 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 7/16 | 3/4 | 1 1/8 | 1 5/8 | W10 x 45 | 1.060 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | W10 x 49 | 1.010 | 1/2 | 1/2 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W10 x 54 | 1.110 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W10 x 60 | 1.220 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | W10 x 68 | 1.380 | 3/8 | 7/16 | 11/16 | 1 | 1 7/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W10 x 77 | 1.540 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 3/16 | W10 x 88 | 1.740 | 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | W10 x 100 | 1.970 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 7/16 | 11/16 | 1 | W10 x 112 | 2.170 | 3/8 | 3/8 | 1/2 | 3/4 | 1 |
| 9/16 | 3/4 | 1 3/16 | 1 7/8 | 2 11/16 | W12 x 14 | 0.405 | 3/4 | 13/16 | 1 1/4 | 2 | 2 3/4 |
| 9/16 | 11/16 | 1 1/8 | 1 13/16 | 2 9/16 | W12 x 16 | 0.457 | 11/16 | 13/16 | 1 3/16 | 1 7/8 | 2 5/8 |
| 1/2 | 5/8 | 1 1/16 | 1 11/16 | 2 3/8 | W12 x 19 | 0.540 | 5/8 | 3/4 | 1 1/8 | 1 3/4 | 2 7/16 |
| 7/16 | 5/8 | 1 | 1 9/16 | 2 3/16 | W12 x 22 | 0.623 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 1/4 |
| 1/2 | 5/8 | 1 | 1 9/16 | 2 1/4 | W12 x 26 | 0.612 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 5/16 |
| 7/16 | 9/16 | 15/16 | 1 7/16 | 2 1/16 | W12 x 30 | 0.699 | 9/16 | 5/8 | 1 | 1 9/16 | 2 1/8 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | W12 x 35 | 0.810 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | W12 x 40 | 0.860 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 3/4 | W12 x 45 | 0.974 | 1/2 | 9/16 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 7/16 | 3/4 | 1 1/8 | 1 5/8 | W12 x 50 | 1.060 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | W12 x 53 | 1.020 | 1/2 | 1/2 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 5/8 | W12 x 58 | 1.100 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W12 x 65 | 1.110 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W12 x 72 | 1.230 | 7/16 | 7/16 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | W12 x 79 | 1.340 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 7/16 |

| FULL FLANGE TIP THICKNESS (in.) | | | | | Member | | HALF FLANGE TIP THICKNESS (in.) | | | | |
|---------------------------------|--------|--------|---------|---------|------------|-------|---------------------------------|--------|--------|---------|---------|
| 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr | Size x Wt. | W/D | 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | W12 x 87 | 1.470 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W12 x 96 | 1.610 | 3/8 | 3/8 | 9/16 | 15/16 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | W12 x 106 | 1.770 | 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | W12 x 120 | 1.990 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/16 |
| 3/8 | 3/8 | 7/16 | 11/16 | 1 | W12 x 136 | 2.230 | 3/8 | 3/8 | 1/2 | 3/4 | 1 |
| 3/8 | 3/8 | 7/16 | 5/8 | 7/8 | W12 x 152 | 2.450 | 3/8 | 3/8 | 7/16 | 11/16 | 15/16 |
| 3/8 | 3/8 | 3/8 | 9/16 | 13/16 | W12 x 170 | 2.720 | 3/8 | 3/8 | 3/8 | 5/8 | 7/8 |
| 3/8 | 3/8 | 3/8 | 9/16 | 3/4 | W12 x 190 | 3.000 | 3/8 | 3/8 | 3/8 | 9/16 | 13/16 |
| 3/8 | 3/8 | 3/8 | 1/2 | 11/16 | W12 x 210 | 3.270 | 3/8 | 3/8 | 3/8 | 9/16 | 3/4 |
| 3/8 | 3/8 | 3/8 | 1/2 | 11/16 | W12 x 230 | 3.550 | 3/8 | 3/8 | 3/8 | 1/2 | 11/16 |
| 3/8 | 3/8 | 3/8 | 7/16 | 5/8 | W12 x 252 | 3.840 | 3/8 | 3/8 | 3/8 | 1/2 | 5/8 |
| 3/8 | 3/8 | 3/8 | 7/16 | 9/16 | W12 x 279 | 4.190 | 3/8 | 3/8 | 3/8 | 7/16 | 5/8 |
| 3/8 | 3/8 | 3/8 | 3/8 | 9/16 | W12 x 305 | 4.490 | 3/8 | 3/8 | 3/8 | 7/16 | 9/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 1/2 | W12 x 336 | 4.850 | 3/8 | 3/8 | 3/8 | 3/8 | 9/16 |
| 1/2 | 11/16 | 1 1/16 | 1 11/16 | 2 3/8 | W14 x 22 | 0.534 | 11/16 | 3/4 | 1 1/8 | 1 3/4 | 2 7/16 |
| 7/16 | 5/8 | 1 | 1 9/16 | 2 3/16 | W14 x 26 | 0.628 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 1/4 |
| 7/16 | 5/8 | 15/16 | 1 1/2 | 2 3/16 | W14 x 30 | 0.644 | 5/8 | 11/16 | 1 | 1 5/8 | 2 1/4 |
| 7/16 | 9/16 | 7/8 | 1 7/16 | 2 1/16 | W14 x 34 | 0.725 | 9/16 | 5/8 | 15/16 | 1 1/2 | 2 1/8 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | W14 x 38 | 0.809 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 13/16 | W14 x 43 | 0.874 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 7/8 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 3/4 | W14 x 48 | 0.970 | 1/2 | 9/16 | 13/16 | 1 1/4 | 1 13/16 |
| 3/8 | 7/16 | 3/4 | 1 1/8 | 1 5/8 | W14 x 53 | 1.060 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 5/8 | W14 x 61 | 1.100 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W14 x 68 | 1.220 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | W14 x 74 | 1.320 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 7/16 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | W14 x 82 | 1.450 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | W14 x 90 | 1.310 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | W14 x 99 | 1.430 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W14 x 109 | 1.570 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 3/16 | W14 x 120 | 1.710 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/8 | W14 x 132 | 1.890 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | W14 x 145 | 1.990 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/16 |
| 3/8 | 3/8 | 7/16 | 11/16 | 1 | W14 x 159 | 2.160 | 3/8 | 3/8 | 1/2 | 3/4 | 1 |
| 3/8 | 3/8 | 7/16 | 5/8 | 15/16 | W14 x 176 | 2.380 | 3/8 | 3/8 | 7/16 | 11/16 | 15/16 |
| 3/8 | 3/8 | 3/8 | 5/8 | 7/8 | W14 x 193 | 2.600 | 3/8 | 3/8 | 7/16 | 5/8 | 7/8 |
| 3/8 | 3/8 | 3/8 | 9/16 | 13/16 | W14 x 211 | 2.810 | 3/8 | 3/8 | 3/8 | 5/8 | 13/16 |
| 3/8 | 3/8 | 3/8 | 9/16 | 3/4 | W14 x 233 | 3.080 | 3/8 | 3/8 | 3/8 | 9/16 | 3/4 |
| 3/8 | 3/8 | 3/8 | 1/2 | 11/16 | W14 x 257 | 3.360 | 3/8 | 3/8 | 3/8 | 1/2 | 3/4 |
| 3/8 | 3/8 | 3/8 | 7/16 | 5/8 | W14 x 283 | 3.660 | 3/8 | 3/8 | 3/8 | 1/2 | 11/16 |
| 3/8 | 3/8 | 3/8 | 7/16 | 5/8 | W14 x 311 | 3.980 | 3/8 | 3/8 | 3/8 | 7/16 | 5/8 |
| 3/8 | 3/8 | 3/8 | 7/16 | 9/16 | W14 x 342 | 4.320 | 3/8 | 3/8 | 3/8 | 7/16 | 9/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 9/16 | W14 x 370 | 4.630 | 3/8 | 3/8 | 3/8 | 3/8 | 9/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 1/2 | W14 x 398 | 4.930 | 3/8 | 3/8 | 3/8 | 3/8 | 1/2 |
| 3/8 | 3/8 | 3/8 | 3/8 | 1/2 | W14 x 426 | 5.210 | 3/8 | 3/8 | 3/8 | 3/8 | 1/2 |
| 3/8 | 3/8 | 3/8 | 3/8 | 7/16 | W14 x 455 | 5.530 | 3/8 | 3/8 | 3/8 | 3/8 | 1/2 |
| 3/8 | 3/8 | 3/8 | 3/8 | 7/16 | W14 x 500 | 5.950 | 3/8 | 3/8 | 3/8 | 3/8 | 7/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 7/16 | W14 x 550 | 6.430 | 3/8 | 3/8 | 3/8 | 3/8 | 7/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | W14 x 605 | 6.960 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | W14 x 665 | 7.490 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | W14 x 730 | 8.080 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 1/2 | 5/8 | 1 | 1 5/8 | 2 5/16 | W16 x 26 | 0.558 | 5/8 | 3/4 | 1 1/8 | 1 11/16 | 2 3/8 |
| 7/16 | 5/8 | 15/16 | 1 1/2 | 2 1/8 | W16 x 31 | 0.661 | 5/8 | 11/16 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 7/16 | 2 1/16 | W16 x 36 | 0.702 | 9/16 | 5/8 | 1 | 1 1/2 | 2 1/8 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | W16 x 40 | 0.780 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 13/16 | W16 x 45 | 0.870 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 7/8 |
| 3/8 | 1/2 | 3/4 | 1 1/4 | 1 3/4 | W16 x 50 | 0.962 | 1/2 | 9/16 | 13/16 | 1 1/4 | 1 13/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 5/8 | W16 x 57 | 1.090 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 5/8 | W16 x 67 | 1.090 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 5/8 | 1 1/16 | 1 1/2 | W16 x 77 | 1.250 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | W16 x 89 | 1.430 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W16 x 100 | 1.590 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | W18 x 35 | 0.672 | 9/16 | 11/16 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 2 | W18 x 40 | 0.768 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 1/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 13/16 | W18 x 46 | 0.876 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 7/8 |

| FULL FLANGE TIP THICKNESS (in.) | | | | | Member | | HALF FLANGE TIP THICKNESS (in.) | | | | |
|---------------------------------|--------|-------|--------|---------|------------|-------|---------------------------------|--------|-------|--------|---------|
| 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr | Size x Wt. | W/D | 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 13/16 | W18 x 50 | 0.880 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 7/8 |
| 3/8 | 1/2 | 3/4 | 1 1/4 | 1 3/4 | W18 x 55 | 0.963 | 1/2 | 9/16 | 13/16 | 1 1/4 | 1 13/16 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 5/8 | W18 x 60 | 1.040 | 7/16 | 1/2 | 13/16 | 1 1/4 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W18 x 65 | 1.130 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W18 x 71 | 1.220 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W18 x 76 | 1.130 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 5/8 | 1 | 1 7/16 | W18 x 86 | 1.270 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | W18 x 97 | 1.420 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W18 x 106 | 1.550 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 3/16 | W18 x 119 | 1.720 | 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 |
| 7/16 | 9/16 | 7/8 | 1 7/16 | 2 | W21 x 44 | 0.746 | 9/16 | 5/8 | 15/16 | 1 1/2 | 2 1/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | W21 x 50 | 0.838 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 3/4 | 1 1/4 | 1 3/4 | W21 x 57 | 0.952 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 1/2 | 3/4 | 1 1/4 | 1 3/4 | W21 x 62 | 0.952 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 5/8 | W21 x 68 | 1.040 | 7/16 | 1/2 | 13/16 | 1 1/4 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W21 x 73 | 1.110 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 5/8 | 1 1/16 | 1 7/16 | W21 x 83 | 1.260 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | W21 x 93 | 1.400 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | W21 x 101 | 1.300 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | W21 x 111 | 1.430 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W21 x 122 | 1.570 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | W21 x 132 | 1.680 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | W21 x 147 | 1.870 | 3/8 | 3/8 | 9/16 | 13/16 | 1 1/8 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | W24 x 55 | 0.828 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 3/4 | W24 x 62 | 0.934 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 1/2 | 3/4 | 1 1/4 | 1 3/4 | W24 x 68 | 0.942 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 5/8 | W24 x 76 | 1.050 | 7/16 | 1/2 | 13/16 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W24 x 84 | 1.150 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 5/8 |
| 3/8 | 7/16 | 5/8 | 1 | 1 7/16 | W24 x 94 | 1.280 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W24 x 104 | 1.240 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | W24 x 117 | 1.380 | 3/8 | 7/16 | 11/16 | 1 | 1 7/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W24 x 131 | 1.540 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 13/16 | 1 3/16 | W24 x 146 | 1.700 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | W24 x 162 | 1.880 | 3/8 | 3/8 | 9/16 | 13/16 | 1 1/8 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 11/16 | W27 x 84 | 1.030 | 7/16 | 1/2 | 13/16 | 1 1/4 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W27 x 94 | 1.150 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W27 x 102 | 1.240 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | W27 x 114 | 1.390 | 3/8 | 7/16 | 5/8 | 1 | 1 7/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W27 x 129 | 1.560 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W27 x 146 | 1.550 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 13/16 | 1 3/16 | W27 x 161 | 1.700 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | W27 x 178 | 1.870 | 3/8 | 3/8 | 9/16 | 13/16 | 1 1/8 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | W30 x 90 | 1.020 | 1/2 | 1/2 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | W30 x 99 | 1.120 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W30 x 108 | 1.210 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | W30 x 116 | 1.300 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | W30 x 124 | 1.390 | 3/8 | 7/16 | 5/8 | 1 | 1 7/16 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | W30 x 132 | 1.470 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | W30 x 173 | 1.660 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | W30 x 191 | 1.850 | 3/8 | 3/8 | 9/16 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | W30 x 211 | 2.010 | 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | W33 x 118 | 1.210 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | W33 x 130 | 1.320 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | W33 x 141 | 1.430 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W33 x 152 | 1.530 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 13/16 | 1 3/16 | W33 x 169 | 1.700 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | W33 x 201 | 1.790 | 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | W33 x 221 | 1.970 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 7/16 | 11/16 | 1 | W33 x 241 | 2.130 | 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 |
| 3/8 | 7/16 | 5/8 | 1 | 1 7/16 | W36 x 135 | 1.290 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | W36 x 150 | 1.430 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | W36 x 160 | 1.510 | 3/8 | 7/16 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | W36 x 170 | 1.600 | 3/8 | 3/8 | 5/8 | 15/16 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 3/16 | W36 x 182 | 1.720 | 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 |

| FULL FLANGE TIP THICKNESS (in.) | | | | | Member | | HALF FLANGE TIP THICKNESS (in.) | | | | |
|---------------------------------|--------|--------|---------|---------|------------|-------|---------------------------------|--------|--------|---------|---------|
| 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr | Size x Wt. | W/D | 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | W36 x 194 | 1.810 | 3/8 | 3/8 | 9/16 | 13/16 | 1 3/16 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | W36 x 210 | 1.960 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | W36 x 230 | 1.950 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 7/16 | 3/4 | 1 | W36 x 245 | 2.080 | 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 |
| 3/8 | 3/8 | 7/16 | 11/16 | 15/16 | W36 x 256 | 2.370 | 3/8 | 3/8 | 7/16 | 11/16 | 15/16 |
| 3/8 | 3/8 | 7/16 | 11/16 | 1 | W36 x 260 | 2.180 | 3/8 | 3/8 | 1/2 | 3/4 | 1 |
| 3/8 | 3/8 | 7/16 | 11/16 | 15/16 | W36 x 280 | 2.350 | 3/8 | 3/8 | 7/16 | 11/16 | 15/16 |
| 3/8 | 3/8 | 3/8 | 5/8 | 7/8 | W36 x 300 | 2.500 | 3/8 | 3/8 | 7/16 | 11/16 | 15/16 |
| 9/16 | 3/4 | 1 1/4 | 1 15/16 | 2 3/4 | Other | 0.370 | 3/4 | 7/8 | 1 5/16 | 2 1/16 | 2 7/8 |
| 9/16 | 3/4 | 1 3/16 | 1 15/16 | 2 3/4 | Other | 0.380 | 3/4 | 7/8 | 1 5/16 | 2 | 2 13/16 |
| 9/16 | 3/4 | 1 3/16 | 1 15/16 | 2 11/16 | Other | 0.390 | 3/4 | 13/16 | 1 5/16 | 2 | 2 13/16 |
| 9/16 | 3/4 | 1 3/16 | 1 7/8 | 2 11/16 | Other | 0.400 | 3/4 | 13/16 | 1 1/4 | 2 | 2 3/4 |
| 9/16 | 3/4 | 1 3/16 | 1 7/8 | 2 11/16 | Other | 0.410 | 3/4 | 13/16 | 1 1/4 | 1 15/16 | 2 3/4 |
| 9/16 | 3/4 | 1 3/16 | 1 7/8 | 2 5/8 | Other | 0.420 | 3/4 | 13/16 | 1 1/4 | 1 15/16 | 2 3/4 |
| 9/16 | 3/4 | 1 1/8 | 1 13/16 | 2 5/8 | Other | 0.430 | 3/4 | 13/16 | 1 1/4 | 1 15/16 | 2 11/16 |
| 9/16 | 11/16 | 1 1/8 | 1 13/16 | 2 9/16 | Other | 0.440 | 11/16 | 13/16 | 1 1/4 | 1 15/16 | 2 11/16 |
| 9/16 | 11/16 | 1 1/8 | 1 13/16 | 2 9/16 | Other | 0.450 | 11/16 | 13/16 | 1 3/16 | 1 7/8 | 2 5/8 |
| 9/16 | 11/16 | 1 1/8 | 1 13/16 | 2 9/16 | Other | 0.460 | 11/16 | 13/16 | 1 3/16 | 1 7/8 | 2 5/8 |
| 1/2 | 11/16 | 1 1/8 | 1 3/4 | 2 1/2 | Other | 0.470 | 11/16 | 3/4 | 1 3/16 | 1 7/8 | 2 5/8 |
| 1/2 | 11/16 | 1 1/8 | 1 3/4 | 2 1/2 | Other | 0.480 | 11/16 | 3/4 | 1 3/16 | 1 13/16 | 2 9/16 |
| 1/2 | 11/16 | 1 1/16 | 1 3/4 | 2 1/2 | Other | 0.490 | 11/16 | 3/4 | 1 3/16 | 1 13/16 | 2 9/16 |
| 1/2 | 11/16 | 1 1/16 | 1 3/4 | 2 7/16 | Other | 0.500 | 11/16 | 3/4 | 1 3/16 | 1 13/16 | 2 1/2 |
| 1/2 | 11/16 | 1 1/16 | 1 11/16 | 2 7/16 | Other | 0.510 | 11/16 | 3/4 | 1 1/8 | 1 13/16 | 2 1/2 |
| 1/2 | 11/16 | 1 1/16 | 1 11/16 | 2 7/16 | Other | 0.520 | 11/16 | 3/4 | 1 1/8 | 1 3/4 | 2 1/2 |
| 1/2 | 11/16 | 1 1/16 | 1 11/16 | 2 3/8 | Other | 0.530 | 11/16 | 3/4 | 1 1/8 | 1 3/4 | 2 7/16 |
| 1/2 | 5/8 | 1 1/16 | 1 11/16 | 2 3/8 | Other | 0.540 | 5/8 | 3/4 | 1 1/8 | 1 3/4 | 2 7/16 |
| 1/2 | 5/8 | 1 1/16 | 1 5/8 | 2 3/8 | Other | 0.550 | 5/8 | 3/4 | 1 1/8 | 1 3/4 | 2 7/16 |
| 1/2 | 5/8 | 1 | 1 5/8 | 2 5/16 | Other | 0.560 | 5/8 | 3/4 | 1 1/8 | 1 11/16 | 2 3/8 |
| 1/2 | 5/8 | 1 | 1 5/8 | 2 5/16 | Other | 0.570 | 5/8 | 11/16 | 1 1/16 | 1 11/16 | 2 3/8 |
| 1/2 | 5/8 | 1 | 1 5/8 | 2 5/16 | Other | 0.580 | 5/8 | 11/16 | 1 1/16 | 1 11/16 | 2 3/8 |
| 1/2 | 5/8 | 1 | 1 5/8 | 2 1/4 | Other | 0.590 | 5/8 | 11/16 | 1 1/16 | 1 11/16 | 2 5/16 |
| 1/2 | 5/8 | 1 | 1 9/16 | 2 1/4 | Other | 0.600 | 5/8 | 11/16 | 1 1/16 | 1 11/16 | 2 5/16 |
| 1/2 | 5/8 | 1 | 1 9/16 | 2 1/4 | Other | 0.610 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 5/16 |
| 7/16 | 5/8 | 1 | 1 9/16 | 2 3/16 | Other | 0.620 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 5/16 |
| 7/16 | 5/8 | 15/16 | 1 9/16 | 2 3/16 | Other | 0.630 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 1/4 |
| 7/16 | 5/8 | 15/16 | 1 9/16 | 2 3/16 | Other | 0.640 | 5/8 | 11/16 | 1 1/16 | 1 5/8 | 2 1/4 |
| 7/16 | 5/8 | 15/16 | 1 1/2 | 2 3/16 | Other | 0.650 | 5/8 | 11/16 | 1 | 1 9/16 | 2 1/4 |
| 7/16 | 5/8 | 15/16 | 1 1/2 | 2 1/8 | Other | 0.660 | 5/8 | 11/16 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | Other | 0.670 | 9/16 | 11/16 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/8 | Other | 0.680 | 9/16 | 5/8 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 1/2 | 2 1/16 | Other | 0.690 | 9/16 | 5/8 | 1 | 1 9/16 | 2 3/16 |
| 7/16 | 9/16 | 15/16 | 1 7/16 | 2 1/16 | Other | 0.700 | 9/16 | 5/8 | 1 | 1 9/16 | 2 1/8 |
| 7/16 | 9/16 | 15/16 | 1 7/16 | 2 1/16 | Other | 0.710 | 9/16 | 5/8 | 1 | 1 1/2 | 2 1/8 |
| 7/16 | 9/16 | 7/8 | 1 7/16 | 2 1/16 | Other | 0.720 | 9/16 | 5/8 | 1 | 1 1/2 | 2 1/8 |
| 7/16 | 9/16 | 7/8 | 1 7/16 | 2 1/16 | Other | 0.730 | 9/16 | 5/8 | 15/16 | 1 1/2 | 2 1/8 |
| 7/16 | 9/16 | 7/8 | 1 7/16 | 2 | Other | 0.740 | 9/16 | 5/8 | 15/16 | 1 1/2 | 2 1/16 |
| 7/16 | 9/16 | 7/8 | 1 7/16 | 2 | Other | 0.750 | 9/16 | 5/8 | 15/16 | 1 1/2 | 2 1/16 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 2 | Other | 0.760 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 1/16 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 2 | Other | 0.770 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 1/16 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | Other | 0.780 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | Other | 0.790 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | Other | 0.800 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 7/16 | 9/16 | 7/8 | 1 3/8 | 1 15/16 | Other | 0.810 | 9/16 | 5/8 | 15/16 | 1 7/16 | 2 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | Other | 0.820 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | Other | 0.830 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | Other | 0.840 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | Other | 0.850 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 7/8 | Other | 0.860 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 15/16 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 13/16 | Other | 0.870 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 7/8 |
| 3/8 | 1/2 | 13/16 | 1 5/16 | 1 13/16 | Other | 0.880 | 1/2 | 9/16 | 7/8 | 1 3/8 | 1 7/8 |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 13/16 | Other | 0.890 | 1/2 | 9/16 | 7/8 | 1 5/16 | 1 7/8 |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 13/16 | Other | 0.900 | 1/2 | 9/16 | 7/8 | 1 5/16 | 1 7/8 |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 13/16 | Other | 0.910 | 1/2 | 9/16 | 7/8 | 1 5/16 | 1 7/8 |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 13/16 | Other | 0.920 | 1/2 | 9/16 | 7/8 | 1 5/16 | 1 13/16 |

| FULL FLANGE TIP THICKNESS (in.) | | | | | Member | | HALF FLANGE TIP THICKNESS (in.) | | | | |
|---------------------------------|--------|-------|--------|---------|------------|-------|---------------------------------|--------|-------|--------|---------|
| 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr | Size x Wt. | W/D | 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr |
| | | | | | Other | 0.930 | | | | | |
| 3/8 | 1/2 | 13/16 | 1 1/4 | 1 3/4 | Other | 0.940 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 1/2 | 3/4 | 1 1/4 | 1 3/4 | Other | 0.950 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 1/2 | 3/4 | 1 1/4 | 1 3/4 | Other | 0.960 | 1/2 | 9/16 | 13/16 | 1 5/16 | 1 13/16 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 3/4 | Other | 0.970 | 1/2 | 9/16 | 13/16 | 1 1/4 | 1 13/16 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | Other | 0.980 | 1/2 | 9/16 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | Other | 0.990 | 1/2 | 9/16 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | Other | 1.000 | 1/2 | 1/2 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | Other | 1.010 | 1/2 | 1/2 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 1/2 | 3/4 | 1 3/16 | 1 11/16 | Other | 1.020 | 1/2 | 1/2 | 13/16 | 1 1/4 | 1 3/4 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 11/16 | Other | 1.030 | 7/16 | 1/2 | 13/16 | 1 1/4 | 1 11/16 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 5/8 | Other | 1.040 | 7/16 | 1/2 | 13/16 | 1 1/4 | 1 11/16 |
| 3/8 | 7/16 | 3/4 | 1 3/16 | 1 5/8 | Other | 1.050 | 7/16 | 1/2 | 13/16 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 3/4 | 1 1/8 | 1 5/8 | Other | 1.060 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 3/4 | 1 1/8 | 1 5/8 | Other | 1.070 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 5/8 | Other | 1.080 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 5/8 | Other | 1.090 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 11/16 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 5/8 | Other | 1.100 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | Other | 1.110 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | Other | 1.120 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | Other | 1.130 | 7/16 | 1/2 | 3/4 | 1 3/16 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | Other | 1.140 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/8 | 1 9/16 | Other | 1.150 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 5/8 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 9/16 | Other | 1.160 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 9/16 | Other | 1.170 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | Other | 1.180 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | Other | 1.190 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | Other | 1.200 | 7/16 | 1/2 | 3/4 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | Other | 1.210 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | Other | 1.220 | 7/16 | 1/2 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | Other | 1.230 | 7/16 | 7/16 | 11/16 | 1 1/8 | 1 9/16 |
| 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 | Other | 1.240 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 7/16 | 5/8 | 1 1/16 | 1 1/2 | Other | 1.250 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 7/16 | 5/8 | 1 1/16 | 1 7/16 | Other | 1.260 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 7/16 | 5/8 | 1 | 1 7/16 | Other | 1.270 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 7/16 | 5/8 | 1 | 1 7/16 | Other | 1.280 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 7/16 | 5/8 | 1 | 1 7/16 | Other | 1.290 | 7/16 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | Other | 1.300 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | Other | 1.310 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 1/2 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | Other | 1.320 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 7/16 | Other | 1.330 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | Other | 1.340 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | Other | 1.350 | 3/8 | 7/16 | 11/16 | 1 1/16 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | Other | 1.360 | 3/8 | 7/16 | 11/16 | 1 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | Other | 1.370 | 3/8 | 7/16 | 11/16 | 1 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 1 | 1 3/8 | Other | 1.380 | 3/8 | 7/16 | 11/16 | 1 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | Other | 1.390 | 3/8 | 7/16 | 5/8 | 1 | 1 7/16 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | Other | 1.400 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | Other | 1.410 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 3/8 | Other | 1.420 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | Other | 1.430 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 | Other | 1.440 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.450 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.460 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.470 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.480 | 3/8 | 7/16 | 5/8 | 1 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.490 | 3/8 | 7/16 | 5/8 | 15/16 | 1 3/8 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.500 | 3/8 | 7/16 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.510 | 3/8 | 7/16 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 15/16 | 1 5/16 | Other | 1.520 | 3/8 | 7/16 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.530 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.540 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.550 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.560 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |

| FULL FLANGE TIP THICKNESS (in.) | | | | | Member | | HALF FLANGE TIP THICKNESS (in.) | | | | |
|---------------------------------|--------|------|-------|--------|--------|---------|---------------------------------|--------|------|-------|--------|
| 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr | Size x | Wt. W/D | 1 hr | 1.5 hr | 2 hr | 3 hr | 4 hr |
| | | | | | Other | 1.570 | | | | | |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.580 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.590 | 3/8 | 3/8 | 5/8 | 15/16 | 1 5/16 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.600 | 3/8 | 3/8 | 5/8 | 15/16 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.610 | 3/8 | 3/8 | 9/16 | 15/16 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.620 | 3/8 | 3/8 | 9/16 | 15/16 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.630 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 | Other | 1.640 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | Other | 1.650 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | Other | 1.660 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | Other | 1.670 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | Other | 1.680 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 | Other | 1.690 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 9/16 | 13/16 | 1 3/16 | Other | 1.700 | 3/8 | 3/8 | 9/16 | 7/8 | 1 1/4 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 3/16 | Other | 1.750 | 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | Other | 1.800 | 3/8 | 3/8 | 9/16 | 7/8 | 1 3/16 |
| 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 | Other | 1.850 | 3/8 | 3/8 | 9/16 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/8 | Other | 1.900 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | Other | 1.950 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/8 |
| 3/8 | 3/8 | 1/2 | 3/4 | 1 1/16 | Other | 2.000 | 3/8 | 3/8 | 1/2 | 13/16 | 1 1/16 |
| 3/8 | 3/8 | 7/16 | 11/16 | 15/16 | Other | 2.250 | 3/8 | 3/8 | 7/16 | 11/16 | 1 |
| 3/8 | 3/8 | 3/8 | 5/8 | 7/8 | Other | 2.500 | 3/8 | 3/8 | 7/16 | 11/16 | 15/16 |
| 3/8 | 3/8 | 3/8 | 9/16 | 13/16 | Other | 2.750 | 3/8 | 3/8 | 3/8 | 5/8 | 7/8 |
| 3/8 | 3/8 | 3/8 | 9/16 | 3/4 | Other | 3.000 | 3/8 | 3/8 | 3/8 | 9/16 | 13/16 |
| 3/8 | 3/8 | 3/8 | 1/2 | 3/4 | Other | 3.250 | 3/8 | 3/8 | 3/8 | 9/16 | 3/4 |
| 3/8 | 3/8 | 3/8 | 1/2 | 11/16 | Other | 3.500 | 3/8 | 3/8 | 3/8 | 1/2 | 11/16 |
| 3/8 | 3/8 | 3/8 | 7/16 | 5/8 | Other | 3.750 | 3/8 | 3/8 | 3/8 | 1/2 | 11/16 |
| 3/8 | 3/8 | 3/8 | 7/16 | 5/8 | Other | 4.000 | 3/8 | 3/8 | 3/8 | 7/16 | 5/8 |
| 3/8 | 3/8 | 3/8 | 7/16 | 9/16 | Other | 4.250 | 3/8 | 3/8 | 3/8 | 7/16 | 5/8 |
| 3/8 | 3/8 | 3/8 | 3/8 | 9/16 | Other | 4.500 | 3/8 | 3/8 | 3/8 | 7/16 | 9/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 1/2 | Other | 4.750 | 3/8 | 3/8 | 3/8 | 3/8 | 9/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 1/2 | Other | 5.000 | 3/8 | 3/8 | 3/8 | 3/8 | 1/2 |
| 3/8 | 3/8 | 3/8 | 3/8 | 1/2 | Other | 5.250 | 3/8 | 3/8 | 3/8 | 3/8 | 1/2 |
| 3/8 | 3/8 | 3/8 | 3/8 | 7/16 | Other | 5.500 | 3/8 | 3/8 | 3/8 | 3/8 | 1/2 |
| 3/8 | 3/8 | 3/8 | 3/8 | 7/16 | Other | 5.750 | 3/8 | 3/8 | 3/8 | 3/8 | 7/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 7/16 | Other | 6.000 | 3/8 | 3/8 | 3/8 | 3/8 | 7/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 7/16 | Other | 6.250 | 3/8 | 3/8 | 3/8 | 3/8 | 7/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | Other | 6.500 | 3/8 | 3/8 | 3/8 | 3/8 | 7/16 |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | Other | 6.750 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | Other | 7.000 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | Other | 8.000 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |

The information contained in these tables are provided for the convenience of our Monokote customers and while we have taken care to be as accurate as possible and update as listings are modified, GCP will not be held responsible for errors or inaccuracies. In case of discrepancy, values from the applicable design listings and rules associated with adjustment of thickness shall govern.

This table is intended to be used in conjunction with the specified UL Design BXUV.N852. All required components specified in that UL Design shall remain a required component to achieve the hourly ratings. Only the version of UL Design BXUV.N852 as shown on UL.com is considered current.