

| WIDE FLANGE BEAMS |                 |                  |        |           |               |     |
|-------------------|-----------------|------------------|--------|-----------|---------------|-----|
| Section Number    | Weight per Foot | Depth of Section | Flange |           | Web Thickness | Web |
|                   |                 |                  | Width  | Thickness |               |     |
| W24 x 162         | 25              | 13               | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 146               | 24 3/4          | 12 7/8           | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 131               | 24 1/2          | 12 3/4           | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 117               | 24 1/4          | 12 3/4           | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 104               | 24              | 12 3/4           | 1 1/2  | 1/2       | 3/8           | 3/4 |
| W24 x 94          | 24 1/4          | 9 1/4            | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 84                | 24 1/4          | 9                | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 76                | 23 3/4          | 9                | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 68                | 23 3/4          | 9                | 1 1/2  | 1/2       | 3/8           | 3/4 |
| W24 x 62          | 23 3/4          | 7                | 1 1/2  | 1/2       | 3/8           | 3/4 |
| 55                | 23 3/4          | 7                | 1 1/2  | 1/2       | 3/8           | 3/4 |
| W21 x 147         | 22              | 12 1/2           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 132               | 21 7/8          | 12 1/2           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 122               | 21 1/2          | 12 3/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 111               | 21 1/2          | 12 3/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 101               | 21 1/8          | 12 1/2           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W21 x 93          | 21 1/2          | 8 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 83                | 21 1/2          | 8 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 73                | 21 1/4          | 8 1/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 68                | 21 1/8          | 8 1/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 62                | 21              | 8 1/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W21 x 57          | 21              | 6 1/2            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 50                | 20 7/8          | 6 1/2            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 44                | 20 3/4          | 6 1/2            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W18 x 119         | 19              | 11 1/4           | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 106               | 18 3/4          | 11 1/4           | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 97                | 18 1/2          | 11 1/4           | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 86                | 18 1/2          | 11 1/4           | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 76                | 18 1/4          | 11 1/4           | 1 1/2  | 3/4       | 3/8           | 3/4 |
| W18 x 71          | 18 1/2          | 7 3/4            | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 65                | 18 1/4          | 7 3/4            | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 60                | 18 1/4          | 7 3/4            | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 55                | 18 1/4          | 7 3/4            | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 50                | 18              | 7 1/2            | 1 1/2  | 3/4       | 3/8           | 3/4 |
| W18 x 46          | 18              | 6                | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 40                | 17 3/4          | 6                | 1 1/2  | 3/4       | 3/8           | 3/4 |
| 35                | 17 3/4          | 6                | 1 1/2  | 3/4       | 3/8           | 3/4 |
| W16 x 100         | 17              | 10 3/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 89                | 16 3/4          | 10 3/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 77                | 16 1/2          | 10 1/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 66                | 16 3/8          | 10 1/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W16 x 57          | 16 3/8          | 7 1/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 50                | 16 1/4          | 7 1/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |

| WIDE FLANGE BEAMS |                 |                  |        |           |               |     |
|-------------------|-----------------|------------------|--------|-----------|---------------|-----|
| Section Number    | Weight per Foot | Depth of Section | Flange |           | Web Thickness | Web |
|                   |                 |                  | Width  | Thickness |               |     |
| W16 x 45          | 16 1/2          | 7                | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 40                | 16              | 7                | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 36                | 15 1/2          | 7                | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W16 x 31          | 15 1/2          | 5 1/2            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 26                | 15 1/4          | 5 1/2            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W14 x 730         | 22 1/2          | 17 1/4           | 4 3/8  | 3 3/8     | 3/8           | 3/4 |
| 665               | 21 1/2          | 17 1/4           | 4 1/2  | 2 3/8     | 3/8           | 3/4 |
| 605               | 20 1/2          | 17 1/4           | 4 3/8  | 2 3/8     | 3/8           | 3/4 |
| W14 x 550         | 20 1/4          | 17 1/4           | 3 3/8  | 2 3/8     | 3/8           | 3/4 |
| 500               | 19 1/4          | 17               | 3 1/2  | 2 3/8     | 3/8           | 3/4 |
| 455               | 19              | 16 3/4           | 3 3/8  | 2         | 3/8           | 3/4 |
| W14 x 426         | 18 1/2          | 16 3/4           | 3 3/8  | 1 3/4     | 3/8           | 3/4 |
| 398               | 18 1/4          | 16 3/4           | 2 3/4  | 1 3/4     | 3/8           | 3/4 |
| 370               | 17 3/4          | 16 1/2           | 2 1/2  | 1 3/4     | 3/8           | 3/4 |
| W14 x 342         | 17 1/2          | 16 1/2           | 2 1/4  | 1 3/4     | 3/8           | 3/4 |
| 311               | 17 1/4          | 16 1/2           | 2 1/4  | 1 3/4     | 3/8           | 3/4 |
| 283               | 16 3/4          | 16 1/2           | 2 1/4  | 1 3/4     | 3/8           | 3/4 |
| W14 x 257         | 16 1/2          | 16               | 1 3/4  | 1 3/4     | 3/8           | 3/4 |
| 233               | 16              | 15 1/4           | 1 3/4  | 1 3/4     | 3/8           | 3/4 |
| 211               | 15 3/4          | 15 1/4           | 1 3/4  | 1         | 3/8           | 3/4 |
| W14 x 193         | 15 1/2          | 15 1/4           | 1 3/4  | 3/8       | 3/8           | 3/4 |
| 176               | 15 1/4          | 15 1/4           | 1 3/4  | 3/8       | 3/8           | 3/4 |
| 159               | 15              | 15 1/4           | 1 3/4  | 3/8       | 3/8           | 3/4 |
| 145               | 14 3/4          | 15 1/2           | 1 3/4  | 3/8       | 3/8           | 3/4 |
| W14 x 132         | 14 3/4          | 14 3/4           | 1      | 3/8       | 3/8           | 3/4 |
| 120               | 14 1/2          | 14 3/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 109               | 14 3/8          | 14 3/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 99                | 14 1/4          | 14 3/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 90                | 14              | 14 1/2           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W14 x 82          | 14 1/4          | 10 1/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 74                | 14 1/4          | 10 1/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 68                | 14              | 10               | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 61                | 13 3/8          | 10               | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W14 x 53          | 13 3/8          | 8                | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 48                | 13 3/8          | 8                | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 43                | 13 3/8          | 8                | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W14 x 38          | 14 1/4          | 6 3/4            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 34                | 14              | 6 3/4            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 30                | 13 3/4          | 6 3/4            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W14 x 26          | 13 3/4          | 5                | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 22                | 13 3/4          | 5                | 1 1/4  | 3/8       | 3/8           | 3/4 |

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|-------------------|-----------------|------------------|--------|-----------|---------------|-----|
| Section Number    | Weight per Foot | Depth of Section | Flange |           | Web Thickness | Web |
|                   |                 |                  | Width  | Thickness |               |     |
| W12 x 190         | 14 1/4          | 12 3/4           | 1 1/4  | 1 1/4     | 3/8           | 3/4 |
| 170               | 14              | 12 3/4           | 1 1/4  | 1 1/4     | 3/8           | 3/4 |
| 152               | 13 3/4          | 12 1/2           | 1 1/4  | 1 1/4     | 3/8           | 3/4 |
| W12 x 136         | 13 3/4          | 12 3/4           | 1 1/4  | 1 1/4     | 3/8           | 3/4 |
| 120               | 13 1/2          | 12 3/4           | 1 1/4  | 1 1/4     | 3/8           | 3/4 |
| 106               | 12 7/8          | 12 1/4           | 1      | 1 1/4     | 3/8           | 3/4 |
| W12 x 96          | 12 3/4          | 12 1/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 87                | 12 1/2          | 12 1/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 79                | 12 1/2          | 12 1/4           | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W12 x 72          | 12 1/4          | 12               | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 65                | 12 1/2          | 12               | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W12 x 58          | 12 1/4          | 10               | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 53                | 12              | 10               | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W12 x 50          | 12 1/4          | 8 3/4            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 45                | 12              | 8                | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 40                | 12              | 8                | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W12 x 35          | 12 1/2          | 6 1/2            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 30                | 12 1/2          | 6 1/2            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 26                | 12 1/4          | 6 1/2            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W12 x 22          | 12 1/4          | 4 3/8            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 19                | 12 1/4          | 4 3/8            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 16                | 12              | 4 3/8            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| 14                | 11 7/8          | 4 3/8            | 1 1/4  | 3/8       | 3/8           | 3/4 |
| W10 x 112         | 11 3/8          | 10 3/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 100               | 11 1/8          | 10 3/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 88                | 10 7/8          | 10 1/4           | 1      | 3/4       | 3/8           | 3/4 |
| 77                | 10 3/8          | 10 1/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 68                | 10 3/8          | 10 1/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 60                | 10 1/4          | 10 1/4           | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 54                | 10 3/8          | 10               | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 49                | 10              | 10               | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W10 x 45          | 10 1/8          | 8 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 39                | 9 3/4           | 8 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 33                | 9 3/8           | 8 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W10 x 30          | 10 1/2          | 5 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 26                | 10 1/2          | 5 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 22                | 10 1/2          | 5 3/4            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| W10 x 19          | 10 1/4          | 4 3/8            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 17                | 10 1/4          | 4 3/8            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 15                | 10              | 4 3/8            | 1 1/4  | 3/4       | 3/8           | 3/4 |
| 12                | 9 3/4           | 4 3/8            | 1 1/4  | 3/4       | 3/8           | 3/4 |

| WIDE FLANGE BEAMS |                 |                  |        |           |               |     |
|-------------------|-----------------|------------------|--------|-----------|---------------|-----|
| Section Number    | Weight per Foot | Depth of Section | Flange |           | Web Thickness | Web |
|                   |                 |                  | Width  | Thickness |               |     |
| W8 x 67           | 9               | 8 1/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 58                | 8 3/4           | 8 1/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 48                | 8 1/2           | 8 1/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 40                | 8 1/4           | 8 1/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 35                | 8 1/4           | 8                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 31                | 8               | 8                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| W8 x 28           | 8 1/4           | 6 1/2            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 24                | 7 3/4           | 6 1/2            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| W8 x 21           | 8 1/4           | 5 1/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 18                | 8 1/4           | 5 1/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| W8 x 15           | 8 1/4           | 4                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 13                | 8               | 4                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 10                | 7 3/4           | 4                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| W6 x 25           | 6 3/4           | 6 3/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 20                | 6 1/4           | 6                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 15                | 6               | 6                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| W6 x 16           | 6 3/4           | 4                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 12                | 6               | 4                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 9                 | 5 3/4           | 4                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| W5 x 19           | 5 1/2           | 5                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 16                | 5               | 5                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| W4 x 13           | 4 1/4           | 4                | 1 1/2  | 3/8       | 3/8           | 3/4 |

| I BEAMS        |                 |                  |        |           |               |     |
|----------------|-----------------|------------------|--------|-----------|---------------|-----|
| Section Number | Weight per Foot | Depth of Section | Flange |           | Web Thickness | Web |
|                |                 |                  | Width  | Thickness |               |     |
| S12 x 50.0     | 12              | 5 1/2            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 40.8           | 12              | 5 1/4            | 1 1/2  | 3/8       | 3/8           | 3/4 |
| S12 x 35.0     | 12              | 5                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| 31.8           | 12              | 5                | 1 1/2  | 3/8       | 3/8           | 3/4 |
| S10 x 35.0     | 10              | 5                | 1 1/   |           |               |     |