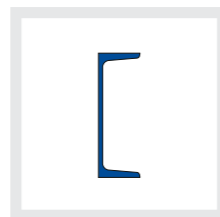




Steel beams



| MUSA | Section Modulus | Moment of Inertia | Width | Height | Thickness Flange | Web | Weight | Coating |
|-----------|-----------------|-------------------|-------|--------|------------------|-------|--------|-------------|
| | in3/ft | in4/ft | inch | inch | inch | inch | lbs/ft | ft2/ft |
| | cm3/m | cm4/m | mm | mm | mm | mm | kg/m | m2/m |
| HP8 x36 | 29,8 | 119,0 | 8,16 | 8,02 | 0,445 | 0,445 | 36,0 | 3,92 |
| | 1.602 | 16.250 | 207 | 204 | 11,3 | 11,3 | 53,6 | 1,19 |
| HP10 x42 | 43,4 | 210,0 | 10,10 | 9,70 | 0,420 | 0,415 | 42,0 | 4,83 |
| | 2.333 | 28.677 | 257 | 246 | 10,7 | 10,5 | 62,5 | 1,47 |
| HP10 x42 | 58,8 | 294,0 | 10,20 | 9,99 | 0,565 | 0,565 | 57,0 | 4,91 |
| | 3.161 | 40.148 | 259 | 254 | 14,4 | 14,4 | 84,8 | 1,50 |
| HP12 x53 | 66,7 | 393,0 | 12,00 | 11,80 | 0,435 | 0,435 | 53,0 | 5,82 |
| | 3.586 | 53.667 | 305 | 300 | 11,0 | 11,0 | 78,9 | 1,77 |
| HP12 x63 | 79,1 | 472,0 | 12,10 | 11,90 | 0,515 | 0,515 | 63,0 | 5,86 |
| | 4.253 | 64.455 | 307 | 302 | 13,1 | 13,1 | 93,8 | 1,78 |
| HP12 x74 | 93,8 | 569,0 | 12,20 | 12,10 | 0,610 | 0,605 | 74,0 | 5,91 |
| | 5.043 | 77.702 | 310 | 307 | 15,5 | 15,4 | 110,1 | 1,80 |
| HP12 x84 | 106,0 | 650,0 | 12,30 | 12,30 | 0,685 | 0,685 | 84,0 | 5,97 |
| | 5.699 | 88.763 | 312 | 312 | 17,4 | 17,4 | 125,0 | 1,82 |
| HP12 x89 | 111,6 | 689,0 | 12,32 | 12,36 | 0,720 | 0,720 | 89,0 | 6,04 |
| | 6.000 | 94.089 | 313 | 314 | 18,3 | 18,3 | 132,4 | 1,84 |
| HP12 x102 | 129,3 | 811,0 | 12,64 | 12,56 | 0,819 | 0,819 | 102,0 | 6,17 |
| | 6.952 | 110.749 | 321 | 319 | 20,8 | 20,8 | 151,8 | 1,88 |
| HP12 x117 | 148,2 | 946,0 | 12,87 | 12,76 | 0,929 | 0,929 | 117,0 | 6,26 |
| | 7.968 | 129.184 | 327 | 324 | 23,6 | 23,6 | 174,1 | 1,91 |
| HP14 x73 | 107,0 | 729,0 | 14,60 | 13,60 | 0,505 | 0,505 | 73,0 | 6,96 |
| | 5.753 | 99.551 | 371 | 345 | 12,8 | 12,8 | 108,6 | 2,12 |
| HP14 x89 | 131,0 | 904,0 | 14,70 | 13,80 | 0,615 | 0,615 | 89,0 | 7,02 |
| | 7.043 | 123.449 | 373 | 351 | 15,6 | 15,6 | 132,4 | 2,14 |
| HP14 x102 | 150,0 | 1.050,0 | 14,80 | 14,00 | 0,705 | 0,705 | 102,0 | 7,06 |
| | 8.064 | 143.386 | 376 | 356 | 17,9 | 17,9 | 151,8 | 2,15 |
| HP14 x117 | 172,0 | 1.220,0 | 14,90 | 14,20 | 0,805 | 0,805 | 117,0 | 7,12 |
| | 9.247 | 166.601 | 378 | 361 | 20,4 | 20,4 | 174,1 | 2,17 |
| HP16 x88 | 145,0 | 1.110,0 | 15,70 | 15,30 | 0,540 | 0,540 | 88,0 | 7,52 |
| | 7.796 | 151.580 | 399 | 389 | 13,7 | 13,7 | 131,0 | 2,29 |
| HP16 x101 | 168,0 | 1.300,0 | 15,80 | 15,50 | 0,625 | 0,625 | 101,0 | 7,56 |
| | 9.032 | 177.526 | 401 | 394 | 15,9 | 15,9 | 150,3 | 2,30 |
| HP16 x121 | 201,0 | 1.590,0 | 15,90 | 15,80 | 0,750 | 0,750 | 121,0 | 7,62 |
| | 10.806 | 217.128 | 404 | 401 | 19,1 | 19,1 | 180,1 | 2,32 |
| HP16 x141 | 234,0 | 1.870,0 | 16,00 | 16,00 | 0,875 | 0,875 | 141,0 | 7,69 |
| | 12.581 | 255.364 | 406 | 406 | 22,2 | 22,2 | 209,8 | 2,34 |
| HP16 x162 | 269,0 | 2.190,0 | 16,10 | 16,30 | 1,000 | 1,000 | 162,0 | 7,75 |
| | 14.462 | 299.062 | 409 | 414 | 25,4 | 25,4 | 241,1 | 2,36 |
| HP16 x183 | 304,0 | 2.510,0 | 16,30 | 16,50 | 1,130 | 1,130 | 183,0 | 7,81 |
| | 16.344 | 342.761 | 414 | 419 | 28,7 | 28,7 | 272,3 | 2,38 |
| HP18 x135 | 251,0 | 2.200,0 | 17,80 | 17,50 | 0,750 | 0,750 | 135,0 | 8,54 |
| | 13.495 | 300.428 | 452 | 445 | 19,1 | 19,1 | 200,9 | 2,60 |
| HP18 x157 | 290,0 | 2.570,0 | 17,90 | 17,70 | 0,870 | 0,870 | 157,0 | 8,60 |
| | 15.591 | 350.955 | 455 | 450 | 22,1 | 22,1 | 233,6 | 2,62 |
| HP18 x181 | 336,0 | 3.020,0 | 18,00 | 18,00 | 1,000 | 1,000 | 181,0 | 8,66 |
| | 18.064 | 412.406 | 457 | 457 | 25,4 | 25,4 | 269,4 | 2,64 |
| HP 18x204 | 380,0 | 3.480,0 | 18,10 | 18,30 | 1,130 | 1,130 | 204,0 | 8,73 |
| | 20.430 | 475.223 | 460 | 465 | 28,7 | 28,7 | 303,6 | 2,659137014 |



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