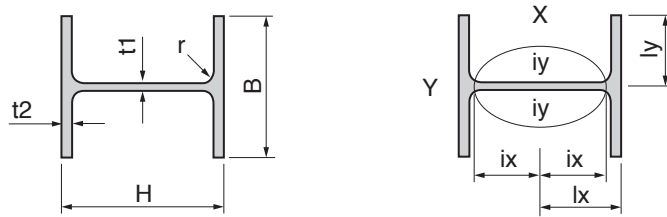


H形鋼 断面性能表

H形鋼 断面性能表

参考/JIS G 3192



| 呼称寸法 (高さ×辺) | 寸法(mm) | | | | | 断面積 (cm ²) | 単位重量 (kg/m) | 断面2次モーメント (cm ⁴) | | 断面2次半径 (cm) | | 断面係数 (cm ³) | |
|----------------|--------|-----|-----|----|-------|---------------------------|----------------|---------------------------------|--------|----------------|--------|----------------------------|-------|
| | H | B | t1 | t2 | r | | | a | w | Ix | Iy | ix | iy |
| 100 x 50 | 100 | 50 | 5 | 7 | 8 | 11.85 | 9.30 | 187 | 14.8 | 3.98 | 1.12 | 37.5 | 5.91 |
| 100 x 100 | 100 | 100 | 6 | 8 | 8 | 21.59 | 16.9 | 378 | 134 | 4.18 | 2.49 | 75.6 | 26.7 |
| 125 x 60 | 125 | 60 | 6 | 8 | 8 | 16.69 | 13.1 | 409 | 29.1 | 4.95 | 1.32 | 65.5 | 9.71 |
| 125 x 125 | 125 | 125 | 6.5 | 9 | 8 | 30.00 | 23.6 | 839 | 293 | 5.29 | 3.13 | 134 | 46.9 |
| 150 x 75 | 150 | 75 | 5 | 7 | 8 | 17.85 | 14.0 | 666 | 49.5 | 6.11 | 1.66 | 88.8 | 13.2 |
| 150 x 100 | 148 | 100 | 6 | 9 | 8 | 26.35 | 20.7 | 1,000 | 150 | 6.17 | 2.39 | 135 | 30.1 |
| 150 x 150 | 150 | 150 | 7 | 10 | 8 | 39.65 | 31.1 | 1,620 | 563 | 6.40 | 3.77 | 216 | 75.1 |
| 175 x 90 | 175 | 90 | 5 | 8 | 8 | 22.90 | 18.0 | 1,210 | 97.5 | 7.26 | 2.06 | 138 | 21.7 |
| 175 x 175 | 175 | 175 | 7.5 | 11 | 13 | 51.42 | 40.4 | 2,900 | 984 | 7.50 | 4.37 | 331 | 112 |
| 200 x 100 | 198 | 99 | 4.5 | 7 | 8 | 22.69 | 17.8 | 1,540 | 113 | 8.25 | 2.24 | 156 | 22.9 |
| | 200 | 100 | 5.5 | 8 | 8 | 26.67 | 20.9 | 1,810 | 134 | 8.23 | 2.24 | 181 | 26.7 |
| 200 x 150 | 194 | 150 | 6 | 9 | 8 | 38.11 | 29.9 | 2,630 | 507 | 8.30 | 3.65 | 271 | 67.6 |
| 200 x 200 | 200 | 200 | 8 | 12 | 13 | 63.53 | 49.9 | 4,720 | 1,600 | 8.62 | 5.02 | 472 | 160 |
| | * 200 | 204 | 12 | 12 | 13 | 71.53 | 56.2 | 4,980 | 1,700 | 8.35 | 4.88 | 498 | 167 |
| 250 x 125 | 248 | 124 | 5 | 8 | 8 | 31.99 | 25.1 | 3,450 | 255 | 10.4 | 2.82 | 278 | 41.1 |
| | 250 | 125 | 6 | 9 | 8 | 36.97 | 29.0 | 3,960 | 294 | 10.4 | 2.82 | 317 | 47.0 |
| 250 x 175 | 244 | 175 | 7 | 11 | 13 | 55.49 | 43.6 | 6,040 | 984 | 10.4 | 4.21 | 495 | 112 |
| 250 x 250 | 250 | 250 | 9 | 14 | 13 | 91.43 | 71.8 | 10,700 | 3,650 | 10.8 | 6.32 | 860 | 292 |
| | * 250 | 255 | 14 | 14 | 13 | 103.9 | 81.6 | 11,400 | 3,880 | 10.5 | 6.11 | 912 | 304 |
| 300 x 150 | 298 | 149 | 5.5 | 8 | 13 | 40.80 | 32.0 | 6,320 | 442 | 12.4 | 3.29 | 424 | 59.3 |
| | 300 | 150 | 6.5 | 9 | 13 | 46.78 | 36.7 | 7,210 | 508 | 12.4 | 3.29 | 481 | 67.7 |
| 300 x 200 | 294 | 200 | 8 | 12 | 13 | 71.05 | 55.8 | 11,100 | 1,600 | 12.5 | 4.75 | 756 | 160 |
| 300 x 300 | * 294 | 302 | 12 | 12 | 13 | 106.3 | 83.4 | 16,600 | 5,510 | 12.5 | 7.20 | 1,130 | 365 |
| | 300 | 300 | 10 | 15 | 13 | 118.4 | 93.0 | 20,200 | 6,750 | 13.1 | 7.55 | 1,350 | 450 |
| | 300 | 305 | 15 | 15 | 13 | 133.4 | 105 | 21,300 | 7,100 | 12.6 | 7.30 | 1,420 | 466 |
| 350 x 175 | 346 | 174 | 6 | 9 | 13 | 52.45 | 41.2 | 11,000 | 791 | 14.5 | 3.88 | 638 | 91.0 |
| | 350 | 175 | 7 | 11 | 13 | 62.91 | 49.4 | 13,500 | 984 | 14.6 | 3.96 | 771 | 112 |
| 350 x 250 | 340 | 250 | 9 | 14 | 13 | 99.53 | 78.1 | 21,200 | 3,650 | 14.6 | 6.05 | 1,250 | 292 |
| 350 x 350 | * 344 | 348 | 10 | 16 | 13 | 114.0 | 113 | 32,800 | 11,200 | 15.1 | 8.84 | 1,910 | 646 |
| | 350 | 350 | 12 | 19 | 13 | 171.9 | 135 | 39,800 | 13,600 | 15.2 | 8.89 | 2,280 | 776 |
| 400 x 200 | 396 | 199 | 7 | 11 | 13 | 71.41 | 56.1 | 19,800 | 1,450 | 16.6 | 4.50 | 999 | 145 |
| | 400 | 200 | 8 | 13 | 13 | 83.37 | 65.4 | 23,500 | 1,740 | 16.8 | 4.56 | 1,170 | 174 |
| 400 x 300 | 390 | 300 | 10 | 16 | 13 | 133.2 | 105 | 37,900 | 7,200 | 16.9 | 7.35 | 1,940 | 480 |
| 400 x 400 | * 388 | 402 | 15 | 15 | 22 | 178.5 | 140 | 49,000 | 16,300 | 16.6 | 9.55 | 2,520 | 809 |
| | * 394 | 398 | 11 | 18 | 22 | 186.8 | 147 | 56,100 | 18,900 | 17.3 | 10.1 | 2,850 | 951 |
| | 400 | 400 | 13 | 21 | 22 | 218.7 | 172 | 66,600 | 22,400 | 17.5 | 10.1 | 3,330 | 1,120 |
| | * 400 | 408 | 21 | 21 | 22 | 250.7 | 197 | 70,900 | 23,800 | 16.8 | 9.75 | 3,540 | 1,170 |
| | * 414 | 405 | 18 | 28 | 22 | 295.4 | 232 | 92,800 | 31,000 | 17.7 | 10.2 | 4,480 | 1,530 |
| | * 428 | 407 | 20 | 35 | 22 | 360.7 | 283 | 119,000 | 39,400 | 18.2 | 10.4 | 5,570 | 1,930 |
| | * 458 | 417 | 30 | 50 | 22 | 528.6 | 415 | 187,000 | 60,500 | 18.8 | 10.7 | 8,170 | 2,900 |
| * 498 | 432 | 45 | 70 | 22 | 770.1 | 605 | 298,000 | 94,400 | 19.7 | 11.1 | 12,000 | 4,370 | |
| 450 x 200 | 446 | 199 | 8 | 12 | 13 | 82.97 | 65.1 | 28,100 | 1,580 | 18.4 | 4.36 | 1,260 | 159 |
| | 450 | 200 | 9 | 14 | 13 | 95.43 | 74.9 | 32,900 | 1,870 | 18.6 | 4.43 | 1,460 | 187 |
| 450 x 300 | 440 | 300 | 11 | 18 | 13 | 153.9 | 121 | 54,700 | 8,110 | 18.9 | 7.26 | 2,490 | 540 |
| 500 x 200 | 496 | 199 | 9 | 14 | 13 | 99.29 | 77.9 | 40,800 | 1,840 | 20.3 | 4.31 | 1,650 | 185 |
| | 500 | 200 | 10 | 16 | 13 | 112.2 | 88.2 | 46,800 | 2,140 | 20.4 | 4.36 | 1,870 | 214 |
| | * 506 | 201 | 11 | 19 | 13 | 129.3 | 102 | 55,500 | 2,580 | 20.7 | 4.46 | 2,190 | 256 |
| 500 x 300 | 482 | 300 | 11 | 15 | 13 | 141.2 | 111 | 58,300 | 6,760 | 20.3 | 6.92 | 2,420 | 450 |
| | 488 | 300 | 11 | 18 | 13 | 159.2 | 125 | 68,900 | 8,110 | 20.8 | 7.14 | 2,820 | 540 |

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