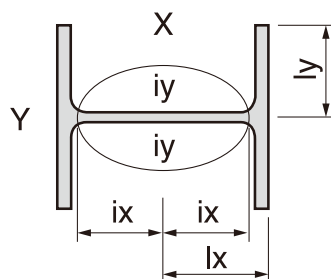
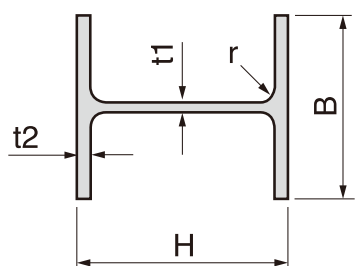


# H形鋼 断面性能表

## H形鋼 断面性能表



参考／JIS G 3192



| 呼称寸法<br>(高さ×辺) | 寸 法 (mm) |     |     |    |    | 断面積 (cm <sup>2</sup> ) | 単位重量<br>(kg/m) | 断面2次モーメント (cm <sup>4</sup> ) |        | 断面2次半径 (cm) |      | 断面係数 (cm <sup>3</sup> ) |       |
|----------------|----------|-----|-----|----|----|------------------------|----------------|------------------------------|--------|-------------|------|-------------------------|-------|
|                | H        | B   | t1  | t2 | r  |                        |                | Ix                           | Iy     | ix          | iy   | Zx                      | Zy    |
| 100 x 50       | 100      | 50  | 5   | 7  | 8  | 11.85                  | 9.3            | 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                     | 23.6           | 839                          | 293    | 5.29        | 3.13 | 134                     | 46.9  |
| 150 x 75       | 150      | 75  | 5   | 7  | 8  | 17.85                  | 14             | 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    | 6.4         | 3.77 | 216                     | 75.1  |
| 175 x 90       | 175      | 90  | 5   | 8  | 8  | 22.9                   | 18             | 1,210                        | 97.5   | 7.26        | 2.06 | 138                     | 21.7  |
| 175 x 175      | 175      | 175 | 7.5 | 11 | 13 | 51.42                  | 40.4           | 2.9                          | 984    | 7.5         | 4.37 | 331                     | 112   |
| 200 x 100      | 198      | 99  | 4.5 | 7  | 8  | 22.69                  | 17.8           | 1.54                         | 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    | 8.3         | 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             | 3,960                        | 294    | 10.4        | 2.82 | 317                     | 47    |
| 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 | 40.8                   | 32             | 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        | 7.2  | 1,130                   | 365   |
|                | 300      | 300 | 10  | 15 | 13 | 118.4                  | 93             | 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        | 7.3  | 1,420                   | 466   |
| 350 x 175      | 346      | 174 | 6   | 9  | 13 | 52.45                  | 41.2           | 11,000                       | 791    | 14.5        | 3.88 | 638                     | 91    |
|                | 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                    | 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        | 4.5  | 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   |

※呼称寸法の同一枠内に属するものは、内の高さが一定です。 ※\*印以外の寸法は、はん（汎）用品を示します。

