



**Japanische Profile\***  
gemäß JIS G 3192  
Toleranzen nach JIS G 3192  
JIS 100 - 500

**Japanese beams\***  
in accordance with JIS G 3192  
Tolerances in accordance with JIS G 3192  
JIS 100 - 500

**Profils japonais\***  
conformes à JIS G 3192  
Tolérances selon JIS G 3192  
JIS 100 - 500

**Profile nach internationalen Normen** Japanische Profile

**Sections to international standards** Japanese sections

**Profils selon normes internationales** Profils japonais

| Bezeichnung<br>Designation<br>Désignation | Abmessungen**<br>Dimensions**<br>Dimensions** |       | Statische Kennwerte / Section<br>properties / Valeurs statiques |      |      |                 |                   |                                                       |                 |                 |                |                 |                  | Klassifizierung / Classification / Classification         |                 |                |                                                      |                   |                | Profilfaktoren / Profile factors<br>Facteurs de massivité |                                                           |                                   |                  |        |        |        |                         |                 |                 |                 |                 |
|-------------------------------------------|-----------------------------------------------|-------|-----------------------------------------------------------------|------|------|-----------------|-------------------|-------------------------------------------------------|-----------------|-----------------|----------------|-----------------|------------------|-----------------------------------------------------------|-----------------|----------------|------------------------------------------------------|-------------------|----------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------|------------------|--------|--------|--------|-------------------------|-----------------|-----------------|-----------------|-----------------|
|                                           |                                               |       | starke Achse y-y<br>strong axis y-y<br>axe fort y-y             |      |      |                 |                   | schwache Achse z-z<br>weak axis z-z<br>axe faible z-z |                 |                 |                |                 |                  | reine Biegung y-y<br>pure bending y-y<br>flexion pure y-y |                 |                | reiner Druck<br>pure compression<br>compression pure |                   |                | Bezeichnung<br>Designation<br>Désignation                 | Profilfaktoren / Profile factors<br>Facteurs de massivité |                                   |                  |        |        |        |                         |                 |                 |                 |                 |
|                                           |                                               |       | G                                                               | h    | b    | t <sub>w</sub>  | t <sub>f</sub>    | r                                                     | A               | U               | I <sub>y</sub> | W <sub>y</sub>  | W <sub>ply</sub> | i <sub>y</sub>                                            | A <sub>vz</sub> | I <sub>z</sub> | W <sub>z</sub>                                       | W <sub>pl,z</sub> | i <sub>z</sub> |                                                           | I <sub>T</sub>                                            | I <sub>ω</sub> · 10 <sup>-3</sup> | i <sub>z,g</sub> | \$ 235 | \$ 355 | \$ 460 | \$ 235                  | \$ 355          | \$ 460          | JIS             | m <sup>-1</sup> |
| kg/m                                      | mm                                            | mm    | mm                                                              | mm   | mm   | cm <sup>2</sup> | m <sup>2</sup> /m | cm <sup>4</sup>                                       | cm <sup>3</sup> | cm <sup>3</sup> | cm             | cm <sup>2</sup> | cm <sup>4</sup>  | cm <sup>3</sup>                                           | cm <sup>3</sup> | cm             | cm <sup>4</sup>                                      | cm <sup>6</sup>   | cm             | \$ 235                                                    | \$ 355                                                    | \$ 460                            | \$ 235           | \$ 355 | \$ 460 | JIS    | m <sup>-1</sup>         | m <sup>-1</sup> | m <sup>-1</sup> | m <sup>-1</sup> |                 |
| JIS 100 x 100 x 6 x 8                     | 16,9                                          | 100,0 | 100,0                                                           | 6,0  | 8,0  | 8,0             | 21,6              | 0,574                                                 | 378             | 75,6            | 86,4           | 4,18            | 7,35             | 134                                                       | 26,7            | 41,0           | 2,49                                                 | 4,91              | 2,821          | 2,68                                                      | 1                                                         | 1                                 | 1                | 1      | 1      | 1      | JIS 100 x 100 x 6 x 8   | 220             | 266             | 139             | 185             |
| JIS 150 x 150 x 7 x 10                    | 31,1                                          | 150,0 | 150,0                                                           | 7,0  | 10,0 | 8,0             | 39,6              | 0,872                                                 | 1623            | 216             | 243            | 6,40            | 11,9             | 563                                                       | 75,1            | 114            | 3,77                                                 | 12,7              | 27,56          | 4,06                                                      | 1                                                         | 1                                 | 2                | 1      | 1      | 2      | JIS 150 x 150 x 7 x 10  | 182             | 220             | 113             | 151             |
| JIS 200 x 100 x 4,5 x 7                   | 17,8                                          | 198,0 | 99,0                                                            | 4,5  | 7,0  | 8,0             | 22,7              | 0,769                                                 | 1543            | 156             | 175            | 8,25            | 10,3             | 113                                                       | 22,9            | 35,5           | 2,24                                                 | 3,32              | 10,32          | 2,53                                                      | 1                                                         | 1                                 | 1                | 2      | 4      | 4      | JIS 200 x 100 x 4,5 x 7 | 295             | 339             | 218             | 262             |
| JIS 200 x 100 x 5,5 x 8                   | 20,9                                          | 200,0 | 100,0                                                           | 5,5  | 8,0  | 8,0             | 26,7              | 0,775                                                 | 1806            | 181             | 205            | 8,23            | 12,4             | 134                                                       | 26,7            | 41,6           | 2,24                                                 | 5,17              | 12,29          | 2,55                                                      | 1                                                         | 1                                 | 1                | 1      | 2      | 4      | JIS 200 x 100 x 5,5 x 8 | 253             | 291             | 187             | 225             |
| JIS 200 x 200 x 8 x 12                    | 49,9                                          | 200,0 | 200,0                                                           | 8,0  | 12,0 | 13,0            | 63,5              | 1,162                                                 | 4716            | 472             | 525            | 8,62            | 19,6             | 1602                                                      | 160             | 244            | 5,02                                                 | 30,2              | 141,4          | 5,39                                                      | 1                                                         | 2                                 | 3                | 1      | 2      | 3      | JIS 200 x 200 x 8 x 12  | 151             | 183             | 94              | 126             |
| JIS 200 x 200 x 12 x 12                   | 56,2                                          | 200,0 | 204,0                                                           | 12,0 | 12,0 | 13,0            | 71,5              | 1,170                                                 | 4982            | 498             | 565            | 8,35            | 27,1             | 1702                                                      | 167             | 257            | 4,88                                                 | 43,6              | 150,0          | 5,37                                                      | 1                                                         | 2                                 | 3                | 1      | 2      | 3      | JIS 200 x 200 x 12 x 12 | 135             | 164             | 84              | 113             |
| JIS 250 x 250 x 9 x 14                    | 71,8                                          | 250,0 | 250,0                                                           | 9,0  | 14,0 | 13,0            | 91,4              | 1,460                                                 | 10748           | 860             | 953            | 10,84           | 26,3             | 3648                                                      | 292             | 443            | 6,32                                                 | 56,2              | 507,6          | 6,78                                                      | 1                                                         | 2                                 | 3                | 1      | 2      | 3      | JIS 250 x 250 x 9 x 14  | 132             | 160             | 82              | 109             |
| JIS 250 x 250 x 14 x 14                   | 81,6                                          | 250,0 | 255,0                                                           | 14,0 | 14,0 | 13,0            | 104               | 1,470                                                 | 11399           | 912             | 1031           | 10,47           | 38,1             | 3876                                                      | 304             | 467            | 6,11                                                 | 81,1              | 538,7          | 6,74                                                      | 1                                                         | 3                                 | 3                | 1      | 3      | 3      | JIS 250 x 250 x 14 x 14 | 117             | 141             | 73              | 97              |
| JIS 300 x 150 x 6,5 x 9                   | 36,7                                          | 300,0 | 150,0                                                           | 6,5  | 9,0  | 13,0            | 46,8              | 1,165                                                 | 7209            | 481             | 542            | 12,41           | 22,7             | 508                                                       | 67,7            | 105            | 3,29                                                 | 12,7              | 107,2          | 3,76                                                      | 1                                                         | 2                                 | 3                | 3      | 4      | 4      | JIS 300 x 150 x 6,5 x 9 | 217             | 249             | 160             | 192             |
| JIS 300 x 300 x 12 x 12                   | 83,5                                          | 294,0 | 302,0                                                           | 12,0 | 12,0 | 13,0            | 106               | 1,750                                                 | 16640           | 1132            | 1260           | 12,51           | 38,4             | 5514                                                      | 365             | 558            | 7,20                                                 | 60,3              | 1095           | 7,96                                                      | 3                                                         | 4                                 | 4                | 3      | 4      | 4      | JIS 300 x 300 x 12 x 12 | 136             | 165             | 84              | 112             |
| JIS 300 x 300 x 10 x 15                   | 93,0                                          | 300,0 | 300,0                                                           | 10,0 | 15,0 | 13,0            | 118               | 1,758                                                 | 20186           | 1346            | 1484           | 13,05           | 33,9             | 6753                                                      | 450             | 683            | 7,55                                                 | 82,9              | 1371           | 8,13                                                      | 1                                                         | 3                                 | 3                | 1      | 3      | 3      | JIS 300 x 300 x 10 x 15 | 123             | 148             | 76              | 101             |
| JIS 300 x 300 x 15 x 15                   | 104,8                                         | 300,0 | 305,0                                                           | 15,0 | 15,0 | 13,0            | 133               | 1,768                                                 | 21311           | 1421            | 1596           | 12,64           | 48,1             | 7102                                                      | 466             | 714            | 7,30                                                 | 116               | 1440           | 8,06                                                      | 2                                                         | 3                                 | 3                | 2      | 3      | 3      | JIS 300 x 300 x 15 x 15 | 110             | 132             | 68              | 91              |
| JIS 350 x 175 x 7 x 11                    | 49,4                                          | 350,0 | 175,0                                                           | 7,0  | 11,0 | 13,0            | 62,9              | 1,364                                                 | 13500           | 771             | 864            | 14,65           | 28,0             | 984                                                       | 112             | 173            | 3,96                                                 | 22,5              | 282,3          | 4,47                                                      | 1                                                         | 1                                 | 3                | 4      | 4      | 4      | JIS 350 x 175 x 7 x 11  | 189             | 217             | 139             | 167             |
| JIS 350 x 350 x 10 x 16                   | 113,0                                         | 344,0 | 348,0                                                           | 10,0 | 16,0 | 13,0            | 144               | 2,038                                                 | 32846           | 1910            | 2092           | 15,10           | 38,4             | 11242                                                     | 646             | 978            | 8,84                                                 | 112               | 3023           | 9,47                                                      | 2                                                         | 3                                 | 4                | 2      | 3      | 4      | JIS 350 x 350 x 10 x 16 | 117             | 141             | 72              | 96              |
| JIS 350 x 350 x 12 x 19                   | 134,9                                         | 350,0 | 350,0                                                           | 12,0 | 19,0 | 13,0            | 172               | 2,054                                                 | 39846           | 2277            | 2515           | 15,23           | 46,1             | 13583                                                     | 776             | 1176           | 8,89                                                 | 187               | 3719           | 9,53                                                      | 1                                                         | 3                                 | 3                | 1      | 3      | 3      | JIS 350 x 350 x 12 x 19 | 99              | 119             | 61              | 81              |
| JIS 400 x 200 x 7 x 11                    | 56,1                                          | 396,0 | 199,0                                                           | 7,0  | 11,0 | 13,0            | 71,4              | 1,552                                                 | 19771           | 999             | 1114           | 16,64           | 31,3             | 1447                                                      | 145             | 223            | 4,50                                                 | 25,1              | 535,4          | 5,09                                                      | 1                                                         | 3                                 | 3                | 4      | 4      | 4      | JIS 400 x 200 x 7 x 11  | 189             | 217             | 139             | 167             |
| JIS 400 x 200 x 8 x 13                    | 65,4                                          | 400,0 | 200,0                                                           | 8,0  | 13,0 | 13,0            | 83,4              | 1,562                                                 | 23457           | 1173            | 1313           | 16,77           | 35,8             | 1736                                                      | 174             | 267            | 4,56                                                 | 39,7              | 649,0          | 5,15                                                      | 1                                                         | 1                                 | 2                | 4      | 4      | 4      | JIS 400 x 200 x 8 x 13  | 163             | 187             | 120             | 144             |
| JIS 450 x 200 x 8 x 12                    | 65,1                                          | 446,0 | 199,0                                                           | 8,0  | 12,0 | 13,0            | 83,0              | 1,650                                                 | 28134           | 1262            | 1423           | 18,41           | 39,3             | 1579                                                      | 159             | 245            | 4,36                                                 | 34,2              | 742,2          | 5,02                                                      | 1                                                         | 2                                 | 3                | 4      | 4      | 4      | JIS 450 x 200 x 8 x 12  | 175             | 199             | 131             | 155             |
| JIS 450 x 200 x 9 x 14                    | 74,9                                          | 450,0 | 200,0                                                           | 9,0  | 14,0 | 13,0            | 95,4              | 1,660                                                 | 32887           | 1462            | 1652           | 18,56           | 44,3             | 1870                                                      | 187             | 290            | 4,43                                                 | 52,0              | 887,1          | 5,07                                                      | 1                                                         | 1                                 | 1                | 4      | 4      | 4      | JIS 450 x 200 x 9 x 14  | 153             | 174             | 115             | 136             |
| JIS 500 x 200 x 10 x 16                   | 88,1                                          | 500,0 | 200,0                                                           | 10,0 | 16,0 | 13,0            | 112               | 1,758                                                 | 46811           | 1872            | 2130           | 20,42           | 54,0             | 2138                                                      | 214             | 333            | 4,36                                                 | 76,4              | 1249           | 5,04                                                      | 1                                                         | 1                                 | 1                | 4      | 4      | 4      | JIS 500 x 200 x 10 x 16 | 139             | 157             | 107             | 125             |
| JIS 500 x 200 x 11 x 19                   | 101,5                                         | 506,0 | 201,0                                                           | 11,0 | 19,0 | 13,0            | 129               | 1,772                                                 | 55481           | 2193            | 2496           | 20,71           | 60,0             | 2578                                                      | 257             | 399            | 4,46                                                 | 120               | 1525           | 5,11                                                      | 1                                                         | 1                                 | 1                | 3      | 4      | 4      | JIS 500 x 200 x 11 x 19 | 121             | 137             | 94              | 109             |

\* Auf Anfrage  
\*\* Zwischenabmessungen nach Vereinbarung

\* Upon request  
\*\* Intermediate dimensions by agreement

\* Après consultation  
\*\* Dimensions intermédiaires à convenir