

## Технические характеристики квадрата стального горячекатаного

Диаметры вписанного круга проката, предельные отклонения по ним, площадь поперечного сечения и масса 1 м длины должны соответствовать указанным на чертеже и в таблице.

### Масса квадрата (ГОСТ 2591-88)

| Сторона квадрата а, мм | Масса 1м, кг | Метров в тонне |
|------------------------|--------------|----------------|
| 6                      | 0,283        | 3533,6         |
| 7                      | 0,385        | 2597,4         |
| 8                      | 0,502        | 1992,0         |
| 9                      | 0,636        | 1572,3         |
| 10                     | 0,785        | 1273,9         |
| 11                     | 0,950        | 1052,6         |
| 12                     | 1,130        | 885,0          |
| 13                     | 1,330        | 751,9          |
| 14                     | 1,540        | 649,4          |
| 15                     | 1,770        | 565,0          |
| 16                     | 2,010        | 497,5          |
| 17                     | 2,270        | 440,5          |
| 18                     | 2,540        | 393,7          |
| 19                     | 2,820        | 354,6          |
| 20                     | 3,140        | 318,5          |
| 21                     | 3,460        | 289,0          |
| 22                     | 3,800        | 263,2          |
| 23                     | 4,150        | 241,0          |
| 24                     | 4,520        | 221,3          |
| 25                     | 4,910        | 203,7          |
| 26                     | 5,300        | 188,7          |
| 27                     | 5,720        | 174,8          |
| 28                     | 6,150        | 162,6          |
| 29                     | 6,600        | 151,5          |
| 30                     | 7,060        | 141,6          |
| 32                     | 8,040        | 124,4          |
| 34                     | 9,070        | 110,3          |
| 35                     | 9,620        | 104,0          |
| 36                     | 10,170       | 98,3           |
| 38                     | 11,240       | 89,0           |
| 40                     | 12,560       | 79,6           |
| 42                     | 13,850       | 72,2           |
| 45                     | 15,900       | 63,0           |
| 46                     | 16,610       | 60,2           |
| 48                     | 18,090       | 55,3           |
| 50                     | 19,620       | 51,0           |
| 52                     | 21,230       | 47,1           |
| 55                     | 23,750       | 42,1           |
| 58                     | 26,400       | 37,9           |
| 60                     | 28,260       | 35,4           |
| 63                     | 31,160       | 32,1           |
| 65                     | 33,170       | 30,1           |
| 70                     | 38,460       | 26,0           |

|     |         |      |
|-----|---------|------|
| 75  | 44,160  | 22,6 |
| 80  | 50,240  | 19,9 |
| 85  | 56,720  | 17,6 |
| 90  | 63,580  | 15,7 |
| 93  | 67,900  | 14,7 |
| 95  | 70,850  | 14,1 |
| 100 | 78,500  | 12,7 |
| 105 | 86,570  | 11,6 |
| 110 | 94,980  | 10,5 |
| 115 | 103,820 | 9,6  |
| 120 | 113,040 | 8,8  |
| 125 | 122,660 | 8,2  |
| 130 | 132,670 | 7,5  |
| 135 | 143,070 | 7,0  |
| 140 | 153,860 | 6,5  |
| 145 | 165,050 | 6,1  |
| 150 | 176,630 | 5,7  |
| 160 | 200,960 | 5,0  |
| 170 | 227,000 | 4,4  |
| 180 | 254,000 | 3,9  |
| 190 | 283,000 | 3,5  |
| 200 | 314,000 | 3,2  |

### Масса квадрата калиброванного (ГОСТ 8559-75)

| Сторона квадрата а, мм | Масса 1м, кг | Метров в тонне |
|------------------------|--------------|----------------|
| 3,0                    | 0,071        | 14084,5        |
| 3,2                    | 0,080        | 12500,0        |
| 3,5                    | 0,096        | 10416,7        |
| 4,0                    | 0,126        | 7936,5         |
| 4,5                    | 0,159        | 6289,3         |
| 5,0                    | 0,196        | 5102,0         |
| 5,5                    | 0,237        | 4219,4         |
| 6,0                    | 0,283        | 3533,6         |
| 6,3                    | 0,311        | 3215,4         |
| 7,0                    | 0,385        | 2597,4         |
| 8,0                    | 0,502        | 1992,0         |
| 9,0                    | 0,636        | 1572,3         |
| 10,0                   | 0,785        | 1273,9         |
| 11,0                   | 0,950        | 1052,6         |
| 12,0                   | 1,130        | 885,0          |
| 13,0                   | 1,330        | 751,9          |
| 14,0                   | 1,540        | 649,4          |
| 15,0                   | 1,770        | 565,0          |
| 16,0                   | 2,010        | 497,5          |
| 17,0                   | 2,270        | 440,5          |
| 18,0                   | 2,540        | 393,7          |
| 19,0                   | 2,830        | 353,4          |
| 20,0                   | 3,140        | 318,5          |
| 21,0                   | 3,460        | 289,0          |

|       |        |       |
|-------|--------|-------|
| 22,0  | 3,800  | 263,2 |
| 24,0  | 4,520  | 221,2 |
| 25,0  | 4,910  | 203,7 |
| 26,0  | 5,300  | 188,7 |
| 27,0  | 5,720  | 174,8 |
| 28,0  | 6,150  | 162,6 |
| 30,0  | 7,070  | 141,4 |
| 32,0  | 8,040  | 124,4 |
| 34,0  | 9,070  | 110,3 |
| 36,0  | 10,200 | 98,0  |
| 38,0  | 11,200 | 89,3  |
| 40,0  | 12,600 | 79,4  |
| 41,0  | 13,200 | 75,8  |
| 42,0  | 13,800 | 72,5  |
| 45,0  | 15,900 | 62,9  |
| 46,0  | 16,600 | 60,2  |
| 48,0  | 18,100 | 55,2  |
| 50,0  | 19,600 | 51,0  |
| 53,0  | 22,100 | 45,2  |
| 55,0  | 23,700 | 42,2  |
| 56,0  | 24,600 | 40,7  |
| 60,0  | 28,300 | 35,3  |
| 63,0  | 31,200 | 32,1  |
| 65,0  | 33,200 | 30,1  |
| 70,0  | 38,500 | 26,0  |
| 75,0  | 44,200 | 22,6  |
| 80,0  | 50,200 | 19,9  |
| 85,0  | 56,700 | 17,6  |
| 90,0  | 63,600 | 15,7  |
| 95,0  | 70,800 | 14,1  |
| 100,0 | 78,500 | 12,7  |