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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ГОСТ 22355-77 : ШАЙБЫ КЛАССА ТОЧНОСТИ С К ВЫСОКОПРОЧНЫМ БОЛТАМ**http://www.metiz.net/files/catalog_images/22355.png?0 **мм**

|  |  |  |  |
| --- | --- | --- | --- |
| Номинальный диаметр резьбы болта | *d*1 | *d*2 | *s* |
| 16 | 18 | 37 |   |
| (18) | 20 | 39 | 4 |
| 20 | 22 | 44 |   |
| (22) | 24 | 50 | 5; 6\* |
| 24 | 26 | 56 |   |
| (27) | 30 | 66 |   |
| 30 | 33 | 66 | 6 |
| 36 | 39 | 78 |   |
| 42 | 45 | 90 | 8 |
| 48 | 52 | 100 |   |

 *\* Толщина шайб, применяемых в мостостроении.*Примечание. *Размеры, заключенные в скобки, применять не рекомендуется.*Пример условного обозначения шайбы для болта диаметром резьбы 20 мм: *Шайба 20 ГОСТ 22355-77* **Теоретическая масса шайб**

|  |  |  |  |
| --- | --- | --- | --- |
| Номинальный диаметр резьбы болта, мм | Теоретическая масса 1000 шт. шайб, кг» | Номинальный диаметр резьбы болта, мм | Теоретическая масса 1000 шт. шайб, кг» |
| 16 | 25,8 | (27) | 127,8 |
| (18) | 27,6 | 30 | 120,7 |
| 20 | 35,8 | 36 | 168,7 |
| (22) | 59,3 | 42 | 299,5 |
| 24 | 75,8 | 48 | 359,7 |

   |