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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ГОСТ 11371-78 : ШАЙБЫ**  http://www.metiz.net/files/catalog_images/11371.png?0    **мм**     |  |  |  |  |  | | --- | --- | --- | --- | --- | | Диаметр резьбы крепежной детали | *d1* | | *d2* | *s* | | Класс точности | | | 1 | 2 | | 1,0 | 1,2 | 1,1 | 3,5 | 0,3 | | 1,2 | 1,4 | 1,3 | 4,0 | | 1,4 | 1,6 | 1,5 | | 1,6 | 1,8 | 1,7 | | 2,0 | 2,4 | 2,2 | 5,0 | | 2,5 | 2,9 | 2,7 | 6,5 | 0,5 | | 3,0 | 3,4 | 3,2 | 7,0 | | 3,5 | - | 3,7 | 8,0 | | 4,0 | 4,5 | 4,3 | 9,0 | 0,8 | | 5,0 | 5,5 | 5,3 | 10,0 | 1,0 | | 6,0 | 6,6 | 6,4 | 12,0 | 1,6 | | 8,0 | 9,0 | 8,4 | 16,0 | | 10,0 | 11,0 | 10,5 | 20,0 | 2,0 | | 12,0 | 13,5 | 13,0 | 24,0 | 2,5 | | 14,0 | 15,5 | 15,0 | 28,0 | | 16,0 | 17,5 | 17,0 | 30,0 | 3,0 | | 18,0 | 20,0 | 19,0 | 34,0 | | 20,0 | 22,0 | 21,0 | 37,0 | | 22,0 | 24,0 | 23,0 | 39,0 | | 24,0 | 26,0 | 25,0 | 44,0 | 4,0 | | 27,0 | 30,0 | 28,0 | 50,0 | | 30,0 | 33,0 | 31,0 | 56,0 | | 33,0 | - | 34,0 | 60,0 | 5,0 | | 36,0 | 39,0 | 37,0 | 66,0 | | 39,0 | - | 40,0 | 72,0 | 6,0 | | 42,0 | 45,0 | 43,0 | 78,0 | 7,0 | | 48,0 | 52,0 | 50,0 | 92,0 | 8,0 |     Примеры условного обозначения шайбы исполнения 1 класса точности А для крепежной детали с диаметром 12 мм с толщиной, установленной в стандарте, из стали марки 08кп, с цинковым покрытием толщиной 6 мкм хроматированным:    *Шайба А 12.01.08кп.016 ГОСТ 11371-78*    То же, исполнения 2:    *Шайба 2.12.01.08кп.016 ГОСТ 11371-78.*    **Масса стальных шайб**     |  |  |  |  | | --- | --- | --- | --- | | Диаметр резьбы крепежной детали, мм | Теоретическая масса 1000 шт., кг, для исполнений | | | | 1 | | 2 | | Класс точности | | | С | А | | 1,0 | 0,020 | 0,020 | - | | 1,2 | 0,026 | 0,026 | - | | 1,4 | 0,025 | 0,025 | - | | 1,6 | 0,024 | 0,024 | - | | 2,0 | 0,036 | 0,037 | - | | 2,5 | 0,085 | 0,088 | - | | 3,0 | 0,115 | 0,119 | - | | 3,5 | - | 0,155 | - | | 4,0 | 0,299 | 0,308 | - | | 5,0 | 0,430 | 0,443 | 0,413 | | 6,0 | 0,990 | 1,016 | 0,925 | | 8,0 | 1,725 | 1,828 | 1,706 | | 10,0 | 3,438 | 3,571 | 3,333 | | 12,0 | 6,066 | 6,270 | 5,824 | | 14,0 | 8,377 | 8,612 | 8,089 | | 16,0 | 10,976 | 11,295 | 10,491 | | 18,0 | 13,976 | 14,697 | 13,782 | | 20,0 | 16,361 | 17,156 | 16,157 | | 22,0 | 17,470 | 18,339 | 17,285 | | 24,0 | 31,058 | 32,315 | 30,211 | | 27,0 | 39,438 | 42,298 | 39,898 | | 30,0 | 50,456 | 53,612 | 50,917 | | 33,0 | - | 75,303 | 70,809 | | 36,0 | 87,350 | 92,033 | 87,078 | | 39,0 | - | 132,513 | 124,748 | | 42,0 | 175,088 | 182,680 | 171,256 | | 48,0 | 283,956 | 294,013 | 276,397 |     Примечание. *Для определения массы шайб, изготовленных из других материалов, значения массы, указанные в таблице, должны быть умножены на коэффициент:*  *0,35 -для алюминиевого сплава;*  *0,97 - для бронзы;*  *1,08 - для латуни;*  *1,13 - для меди.* |